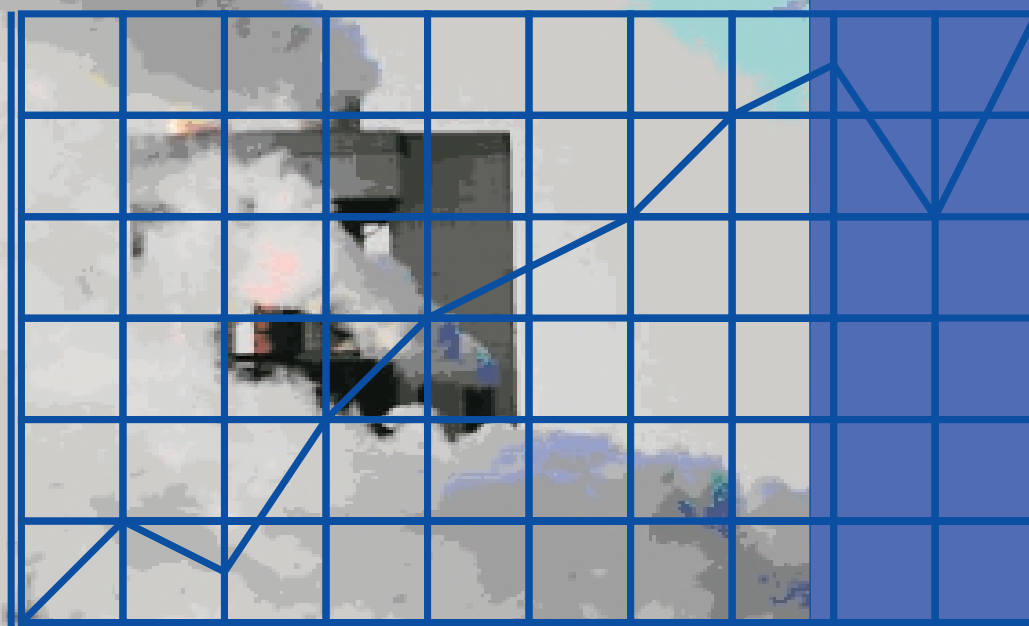


# Statistics for Industry Groups and Industries: 2000

Issued February 2002

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## Annual Survey of Manufactures



**U S C E N S U S B U R E A U**  
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U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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# Introduction

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## SCOPE

The Annual Survey of Manufacturers (ASM) provides sample estimates of statistics for all manufacturing establishments with one or more paid employee. Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products. The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.

Establishments in the manufacturing sector are often described as plants, factories, or mills and typically use power-driven machines and materials-handling equipment. Also included in the manufacturing sector are some establishments that make products by hand, like custom tailors and the makers of custom draperies. While manufacturers typically do not sell to the public, some establishments like bakeries and candy stores that make products on the premises may be included.

## GENERAL

This report presents manufacturing establishment statistics from the 2000 Annual Survey of Manufactures (ASM). Three reports are issued from this survey.

The report *Statistics for Industry Groups and Industries* presents 2000 and earlier years data at the three-, four-, five-, and six-digit North American Industry Classification System (NAICS) levels. The 1997 data are from the 1997 Economic Census and include revisions made to the data since its initial release. The report also includes a historic table with data for the all-manufacturing level back to 1977. This report includes statistics for employment, payroll, value added by manufacture, cost of materials consumed, value of shipments, detailed capital expenditures, supplemental labor costs, fuels and electric energy used, and inventories by stage of fabrication.

The report *Geographic Area Statistics* presents similar data for each state and the District of Columbia. This report includes statistics at the NAICS three- and four-digit levels for employment, payroll, value added by manufacture, cost of materials consumed, value of shipments, and total capital expenditures. Data for detailed capital expenditures, supplemental labor costs, fuels and electric energy used, and inventories by stage of fabrication are presented at the state level.

The report *Value of Product Shipments* presents shipments data for the 473 six-digit NAICS product groups and approximately 1,500 seven-digit NAICS product classes.

## COMPARABILITY WITH HISTORIC DATA

The adoption of the North American Industry Classification System (NAICS) in the 1997 Economic Census has had a major impact on the comparability of current and historic data. Approximately half of the industries in the manufacturing sector of NAICS do not have comparable industries in the Standard Industrial Classification (SIC) system that was used in the past.

While most of the change affecting the manufacturing sector was change within the sector, some industries left manufacturing and others came into manufacturing. Prominent among those that left manufacturing are logging and portions of publishing. Prominent among the industries that came into the manufacturing sector are bakeries, candy stores where candy is made on the premises, custom tailors, makers of custom draperies, and tire retreading. The net effect of the classification changes are such that if the 1997 value of shipments data for all manufacturers were tabulated on an SIC basis, it would be approximately 3 percent higher.

Another change resulting from the conversion to NAICS is that data for auxiliaries and central administrative offices (CAOs) associated with manufacturers are not presented with the manufacturing data.

It should also be noted that while the Census Bureau published "new capital expenditures" in the past, starting with 1997 it is publishing "total capital expenditures." The historic data presented in this report have been adjusted to be consistent with the new policy.

## DISCLOSURE

In accordance with federal law governing census reports (Title 13, United States Code), no data are published that would disclose the operations of an individual company.

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. However, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures that can be suppressed even though value of shipments data are published.

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## **AVAILABILITY OF MORE FREQUENT MANUFACTURING DATA**

The Census Bureau conducts the ASM in each of the 4 years between the economic census, which is collected for years ending in 2 and 7. The economic census – manufacturing is the sample frame from which the ASM is chosen and presents more detailed data than the ASM.

In addition, the Census Bureau conducts a Current Industrial Reports (CIR) program. The CIR publishes product statistics for selected manufacturing industries at the U.S. level annually and, in some cases, monthly and/or quarterly.

The Census Bureau also conducts the monthly Manufacturers' Shipments, Inventories, and Orders (M3) program, which publishes detailed statistics for manufacturing industries at the U.S. level.

## **INDUSTRY CLASSIFICATION OF ESTABLISHMENTS**

Each of the establishments canvassed in the ASM was classified in 1 of 473 manufacturing industries in accordance with the industry definitions in the *1997 NAICS Manual*.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they primarily originate. In the NAICS system, there are about 1,500 product classes (seven-digit codes), about 6,000 census products, and an additional 3,700 CIR products (ten-digit codes). The ten-digit products are considered the primary products of the industry with the same first six digits.

In the 1997 Economic Census – Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. In the census years, there were no resistance rules or frozen industries.

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior

year is significant or if the change has occurred for two successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

## **ESTABLISHMENT BASIS OF REPORTING**

The ASM is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

## **DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS**

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

## **VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS**

The 1997 Economic Census – Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

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## DOLLAR VALUES

All dollar values presented are expressed in current dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with the data:

A Standard error of 100 percent or more.

D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
N	Not available or not comparable.
S	Withheld because estimates did not meet publication standards.
X	Not applicable.
r	Revised.
nec	Not elsewhere classified.
nsk	Not specified by kind.
–	Represents zero (page image/print only).
NAICS	North American Industry Classification System.



**Table 1. Statistics for All Manufacturing Establishments: 2000 and Earlier Years**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Year <sup>1</sup>	Establishments <sup>2</sup>		All employees <sup>3</sup>		Production workers			Value added by manufacture <sup>5</sup> (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>6</sup> (\$1,000)	Total capital expenditures <sup>7</sup> (\$1,000)
	Total	With 20 employees or more	Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
2000	N	N	16 681 425	618 216 523	11 959 223	24 006 064	363 272 413	2 002 649 244	2 231 621 683	4 217 852 079	154 917 198
1999	N	N	16 685 639	601 472 998	11 977 196	24 209 596	355 790 664	1 954 498 206	2 084 316 398	4 031 884 590	150 325 065
1998	N	N	16 944 977	586 957 735	12 189 519	24 582 584	348 953 570	1 891 265 885	2 018 054 521	3 899 809 755	152 708 100
1997	362 829	119 748	16 805 127	569 808 845	12 065 257	24 183 271	338 267 197	1 825 688 027	2 015 424 556	3 834 700 920	151 510 757
1996	N	N	17 326 300	560 518 300	12 167 800	25 010 500	324 495 800	1 749 661 900	1 975 362 100	3 715 428 200	146 467 500
1995	N	N	17 419 200	545 362 700	12 253 100	25 072 000	317 767 500	1 711 442 300	1 897 570 700	3 594 359 600	134 318 100
1994	N	N	17 059 400	522 565 700	11 947 100	24 560 100	304 663 000	1 605 980 000	1 752 735 100	3 348 019 200	118 664 700
1993	N	N	16 943 500	504 363 100	11 726 200	23 845 100	290 293 200	1 483 054 100	1 647 492 600	3 127 620 400	108 628 500
1992	370 912	118 967	16 948 900	494 108 900	11 640 900	23 563 100	281 538 200	1 424 699 700	1 571 773 500	3 004 722 800	110 643 800
1991	N	N	16 792 800	467 040 300	11 652 000	23 383 000	270 601 000	1 341 386 200	1 531 221 300	2 878 164 800	103 152 900
1990	N	N	17 579 400	472 622 300	12 232 700	24 463 300	275 208 400	1 346 970 100	1 574 617 300	2 912 228 500	106 462 800
1989	N	N	17 794 800	463 045 300	12 535 500	24 933 900	273 119 900	1 325 433 600	1 532 330 000	2 840 376 000	101 894 300
1988	N	N	17 917 500	450 775 700	12 438 700	24 815 400	265 147 100	1 269 313 000	1 444 500 900	2 695 432 300	84 706 100
1987	358 952	120 822	17 718 000	428 480 000	12 280 400	24 302 700	251 449 500	1 165 740 800	1 319 844 600	2 475 939 100	85 662 100
1986	N	N	17 086 800	402 466 700	11 765 400	23 178 200	236 599 400	1 035 437 400	1 217 608 600	2 260 314 600	80 795 100
1985	N	N	17 508 300	396 610 500	12 174 400	23 731 600	235 790 800	1 000 142 000	1 276 009 600	2 280 183 800	91 244 900
1984	N	N	17 854 900	384 921 500	12 572 800	24 637 100	231 783 900	983 227 700	1 288 413 600	2 253 429 300	80 659 900
1983	N	N	17 453 100	354 232 200	12 203 000	23 611 600	212 416 400	882 014 500	1 170 237 800	2 045 853 300	67 479 800
1982	348 385	117 959	17 818 100	341 406 200	12 400 600	23 538 300	204 787 200	824 117 700	1 130 142 700	1 960 205 800	77 045 700
1981	N	N	18 919 800	341 319 800	13 542 800	26 233 100	212 200 900	837 506 500	1 193 969 600	2 017 542 500	83 767 000
1980	N	N	19 311 400	316 494 500	13 900 100	26 745 700	198 164 000	773 831 300	1 093 567 600	1 852 668 300	74 624 600
1979	N	N	19 756 500	298 529 100	14 537 800	28 324 300	192 881 500	747 480 500	999 157 500	1 727 214 600	65 796 600
1978	N	N	19 239 400	271 540 900	14 228 700	27 676 500	176 416 800	657 412 000	877 424 700	1 522 937 300	58 346 000
1977	350 757	113 843	18 515 900	427 031 900	13 691 000	26 686 700	157 163 700	585 165 600	782 417 700	1 358 526 400	51 907 300

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM). Also, in census year 1997, collection and publication of census and subsequent ASM data changed from the Standard Industrial Classification (SIC) basis to the North American Industry Classification System (NAICS). For a discussion of the impact of this change on the data, see introductory text.

<sup>2</sup>Includes establishments with payroll at any time during year. Beginning in census year 1997, auxiliary establishments associated with manufacturing companies are classified separately. For 1992 and earlier census years, establishment counts for auxiliaries are excluded.

<sup>3</sup>Figures include employment and payroll data for employees at manufacturing establishments engaged in nonmanufacturing activities (such as distribution and construction). Beginning in 1997, auxiliary establishments associated with manufacturing companies are classified separately. For 1996 and earlier census years, establishment data for auxiliaries are excluded.

<sup>4</sup>Figures represent average number of production workers for payroll period ended nearest the 12th of March, May, August, and November, plus all other employees for payroll period ended nearest the 12th of March.

<sup>5</sup>Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior years.

<sup>6</sup>Data represent value of shipments for most industries. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312140, 312210, 312221, and 312229 value of production is shown. For industry 336611, value of work done is shown.

<sup>7</sup>Beginning in 1997, data collected are for total capital expenditures (new and used) only. Prior to 1997, only data for new capital expenditures were shown in this table. 1996 and earlier years data have been adjusted to show total capital expenditures.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—				
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				F	G	H	A	F
													A	B
31-33	Manufacturing .....	2000..	16 681 425	618 216 523	11 959 223	24 006 064	363 272 413	2 002 649 244	2 231 621 683	4 217 852 079	1	1		
		1999..	16 685 639	601 472 998	11 977 196	24 209 596	355 790 664	1 954 498 206	2 084 316 398	4 031 884 590	1	1		
		1998..	16 944 977	586 957 735	12 189 519	24 582 584	348 953 570	1 891 265 885	2 018 054 521	3 899 809 755	1	1		
		1997..	16 805 127	569 808 845	12 065 257	24 183 271	338 267 197	1 825 688 027	2 015 424 556	3 834 700 920	X	X		
311	Food mfg .....	2000..	1 507 617	42 670 683	1 150 225	2 328 871	27 927 103	183 482 033	251 494 106	434 260 591	1	1		
		1999..	1 488 076	41 428 289	1 134 624	2 309 894	27 139 205	176 778 120	249 834 628	426 000 288	1	1		
		1998..	1 498 667	39 659 857	1 140 157	2 314 849	26 159 910	173 416 414	255 053 796	428 478 276	1	1		
		1997..	1 466 956	38 366 240	1 112 307	2 234 216	25 185 751	163 675 301	258 537 984	421 737 017	X	X		
3111	Animal food mfg .....	2000..	49 275	1 670 049	32 368	68 162	956 998	7 992 696	16 408 828	24 322 877	1	3		
		1999..	48 302	1 604 699	32 363	65 425	948 193	8 183 766	16 345 979	24 489 698	1	3		
		1998..	45 537	1 513 953	30 681	63 632	910 864	8 802 413	17 936 134	26 850 923	2	2		
		1997..	46 651	1 478 617	30 138	62 625	845 669	8 779 741	18 991 516	27 732 347	X	X		
31111	Animal food mfg .....	2000..	49 275	1 670 049	32 368	68 162	956 998	7 992 696	16 408 828	24 322 877	1	3		
		1999..	48 302	1 604 699	32 363	65 425	948 193	8 183 766	16 345 979	24 489 698	1	3		
		1998..	45 537	1 513 953	30 681	63 632	910 864	8 802 413	17 936 134	26 850 923	2	2		
		1997..	46 651	1 478 617	30 138	62 625	845 669	8 779 741	18 991 516	27 732 347	X	X		
311111	Dog & cat food mfg .....	2000..	14 766	583 793	11 512	25 134	390 032	4 355 843	4 471 446	8 824 256	3	4		
		1999..	14 219	557 523	11 013	23 982	380 321	4 249 708	4 324 871	8 559 564	3	4		
		1998..	14 088	528 068	10 824	23 958	370 073	4 396 812	4 548 587	8 967 129	1	1		
		1997..	13 979	502 207	10 587	23 431	345 400	4 307 078	4 402 139	8 688 239	X	X		
311119	Other animal food mfg .....	2000..	34 510	1 086 257	20 856	43 028	566 966	3 636 854	11 937 382	15 998 620	1	5		
		1999..	34 083	1 047 176	21 350	41 443	567 872	3 934 059	12 021 109	15 930 134	2	5		
		1998..	31 449	985 885	19 857	39 675	540 791	4 405 601	13 387 547	17 883 794	3	4		
		1997..	32 672	976 410	19 551	39 194	500 269	4 472 663	14 589 377	19 044 108	X	X		
3112	Grain & oilseed milling .....	2000..	57 385	2 389 317	42 694	93 265	1 642 656	17 751 664	27 249 847	44 893 466	2	1		
		1999..	58 341	2 368 987	42 974	94 057	1 633 540	16 546 689	29 825 079	46 653 054	1	1		
		1998..	56 957	2 307 268	42 113	93 421	1 600 437	16 161 532	33 906 000	50 033 519	2	1		
		1997..	59 243	2 358 554	44 135	97 278	1 644 441	15 867 943	36 216 684	52 075 763	X	X		
31121	Flour milling & malt mfg .....	2000..	17 771	618 572	13 512	28 310	412 529	2 827 315	6 313 027	9 150 158	3	3		
		1999..	17 272	585 693	12 754	27 101	383 907	2 377 407	6 572 315	9 000 907	2	4		
		1998..	15 773	565 053	11 549	25 813	377 130	2 690 532	7 541 154	10 236 557	8	3		
		1997..	17 877	618 434	13 185	28 430	410 382	2 689 069	8 462 546	11 141 876	X	X		
311211	Flour milling .....	2000..	12 663	443 166	9 622	20 190	299 594	2 148 855	4 504 749	6 650 501	3	4		
		1999..	12 058	410 917	8 881	19 108	271 170	1 666 108	4 592 758	6 270 602	2	5		
		1998..	10 892	392 853	8 043	17 993	266 705	1 863 965	5 471 831	7 359 803	11	3		
		1997..	12 762	444 182	9 287	20 386	296 258	1 894 615	6 099 513	8 001 978	X	X		
311212	Rice milling .....	2000..	4 207	135 198	3 253	6 781	87 805	542 902	1 415 312	1 992 202	6	4		
		1999..	4 347	136 637	3 262	6 701	89 001	604 917	1 622 885	2 246 113	5	5		
		1998..	3 637	120 044	2 760	6 199	80 342	601 714	1 662 229	2 257 465	7	4		
		1997..	3 805	118 318	2 986	6 277	80 451	587 737	1 810 862	2 364 582	X	X		
311213	Malt mfg .....	2000..	901	40 209	637	1 339	25 130	135 558	392 967	507 455	2	1		
		1999..	866	38 139	611	1 292	23 736	106 381	356 673	484 192	2	1		
		1998..	1 244	52 156	746	1 622	30 083	224 854	407 093	619 289	2	13		
		1997..	1 310	55 934	912	1 767	33 673	206 717	552 171	775 316	X	X		
31122	Starch & vegetable fats & oils mfg .....	2000..	25 059	1 021 530	17 237	38 456	637 954	6 502 629	18 316 219	24 703 037	3	2		
		1999..	26 333	1 032 121	18 068	39 990	644 328	5 960 179	20 686 078	26 878 204	3	1		
		1998..	26 308	1 019 136	18 266	40 990	640 150	6 365 935	23 818 000	30 152 704	1	2		
		1997..	26 970	1 022 051	19 142	42 829	653 109	6 622 646	25 190 746	31 830 054	X	X		
311221	Wet corn milling .....	2000..	9 154	442 997	5 850	13 600	271 015	2 871 371	4 505 014	7 335 021	7	2		
		1999..	9 116	416 953	5 815	13 151	257 235	2 936 073	4 675 000	7 657 388	7	2		
		1998..	9 324	414 259	5 989	13 898	264 133	3 007 261	4 988 033	7 972 104	1	1		
		1997..	9 217	422 533	6 372	14 726	274 677	3 071 056	5 361 443	8 455 172	X	X		
311222	Soybean processing .....	2000..	6 542	254 215	4 617	10 274	156 449	1 655 686	8 545 930	10 113 110	1	1		
		1999..	6 476	247 068	4 520	10 091	151 203	1 384 121	9 541 841	11 014 419	1	1		
		1998..	6 388	238 814	4 486	10 017	142 989	1 402 993	11 250 793	12 696 171	1	1		
		1997..	6 601	229 727	4 560	10 207	140 346	1 623 082	12 449 318	14 036 271	X	X		
311223	Other oilseed processing .....	2000..	1 924	64 012	1 286	2 843	35 454	246 874	1 081 780	1 327 282	8	11		
		1999..	1 859	59 807	1 288	2 906	34 878	145 282	1 160 285	1 407 875	8	25		
		1998..	2 642	72 330	1 892	4 291	44 404	365 702	1 513 193	1 804 857	1	31		
		1997..	2 667	73 451	1 949	4 474	45 528	246 561	1 419 419	1 720 738	X	X		
311225	Fats & oils refining & blending .....	2000..	7 439	260 307	5 485	11 739	175 036	1 728 698	4 183 496	5 927 625	4	6		
		1999..	8 882	308 294	6 446	13 841	201 011	1 494 702	5 308 952	6 798 523	3	3		
		1998..	7 954	293 733	5 899	12 785	188 623	1 589 978	6 065 981	7 679 572	1	1		
		1997..	8 485	296 340	6 261	13 422	192 558	1 681 947	5 960 566	7 622 873	X	X		
31123	Breakfast cereal mfg .....	2000..	14 555	749 214	11 945	26 499	592 173	8 421 720	2 620 601	11 040 270	1	2		
		1999..	14 737	751 173	12 151	26 967	605 305	8 209 103	2 566 686	10 773 943	1	1		
		1998..	14 876	723 079	12 297	26 618	583 158	7 105 065	2 546 846	9 644 259	1	1		
		1997..	14 396	718 069	11 808	26 019	580 950	6 556 228	2 563 392	9 098 833	X	X		
311230	Breakfast cereal mfg .....	2000..	14 555	749 214	11 945	26 499	592 173	8 421 720	2 620 601	11 040 270	1	2		
		1999..	14 737	751 173	12 151	26 967	605 305	8 209 103	2 566 686	10 773 943	1	1		
		1998..	14 876	723 079	12 297	26 618	583 158	7 105 065	2 546 846	9 644 259	1	1		
		1997..	14 396	718 069	11 808	26 019	580 950	6 556 228	2 563 392	9 098 833	X	X		
3113	Sugar & confectionery product mfg .....	2000..	84 618	2 705 814	68 275	135 336	1 921 070	13 621 962	12 101 590	25 613 490	3	1		
		1999..	84 588	2 638 906	68 782	138 500	1 879 434	13 062 119	12 121 540	25 007 834	2	1		
		1998..	83 886	2 623 450	68 737	138 604	1 832 329	12 945 655	12 660 957	25 443 770	3	1		
		1997..	84 876	2 560 362	67 211	135 962	1 768 465	11 876 056	12 370 300	24 114 454	X	X		
31131	Sugar mfg .....	2000..	17 015	660 273	13 378	30 063	489 444	2 275 516	4 865 590	7 032 692	2	1		
		1999..	16 724	641 668	13 254	30 158	473 728	2 326 922	5 044 478	7 266 424	2	1		
		1998..	16 638	624 595	13 195	31 060	454 179	2 275 655	5 305 764	7 496 192	1	4		
		1997..	16 547	611 488	12 869	29 934	438 761	2 156 119	5 318 013	7 399 171	X	X		
311311	Sugarcane mills .....	2000												

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
311	Food mfg—Con.										
3113	Sugar & confectionery product mfg—Con.										
31131	Sugar mfg—Con.										
311313	Beet sugar mfg.....	2000.. 7 837	276 082	6 777	14 437	223 989	947 084	1 654 794	2 532 465	1	3
		1999.. 7 494	258 497	6 486	14 304	209 383	1 042 216	1 700 189	2 691 227	1	2
		1998.. 7 828	267 945	6 853	15 207	218 212	947 765	1 708 687	2 672 796	1	3
		1997.. 7 718	252 236	6 684	14 333	203 040	968 482	1 768 320	2 732 503	X	X
31132	Chocolate & confectionery mfg from cacao beans.....	2000.. 9 083	342 949	7 654	14 772	254 643	2 087 611	1 909 177	4 012 059	1	1
		1999.. 8 945	330 736	7 406	14 111	247 150	2 041 096	1 928 418	3 959 097	1	1
		1998.. 10 000	361 589	7 909	15 530	252 014	2 520 035	2 149 800	4 576 248	1	1
		1997.. 9 946	383 045	7 350	14 366	248 383	1 821 177	1 925 201	3 755 268	X	X
311320	Chocolate & confectionery mfg from cacao beans.....	2000.. 9 083	342 949	7 654	14 772	254 643	2 087 611	1 909 177	4 012 059	1	1
		1999.. 8 945	330 736	7 406	14 111	247 150	2 041 096	1 928 418	3 959 097	1	1
		1998.. 10 000	361 589	7 909	15 530	252 014	2 520 035	2 149 800	4 576 248	1	1
		1997.. 9 946	383 045	7 350	14 366	248 383	1 821 177	1 925 201	3 755 268	X	X
31133	Confectionery mfg from purchased chocolate.....	2000.. 35 581	946 099	27 851	52 866	675 604	5 680 096	3 267 074	8 973 200	4	2
		1999.. 33 564	888 997	27 556	52 250	639 429	5 383 823	3 132 479	8 464 301	2	2
		1998.. 29 859	865 521	25 870	50 073	615 745	4 856 856	3 136 235	8 010 409	9	2
		1997.. 32 871	856 440	26 670	52 257	605 617	4 815 479	3 126 892	7 879 752	X	X
311330	Confectionery mfg from purchased chocolate.....	2000.. 35 581	946 099	27 851	52 866	675 604	5 680 096	3 267 074	8 973 200	4	2
		1999.. 33 564	888 997	27 556	52 250	639 429	5 383 823	3 132 479	8 464 301	2	2
		1998.. 29 859	865 521	25 870	50 073	615 745	4 856 856	3 136 235	8 010 409	9	2
		1997.. 32 871	856 440	26 670	52 257	605 617	4 815 479	3 126 892	7 879 752	X	X
31134	Nonchocolate confectionery mfg.....	2000.. 22 940	756 493	19 393	37 635	501 378	3 578 738	2 059 749	5 595 538	10	3
		1999.. 25 356	777 505	20 566	41 982	519 127	3 310 278	2 016 167	5 318 012	5	2
		1998.. 27 389	771 744	21 764	41 941	510 390	3 293 108	2 069 158	5 360 921	1	1
		1997.. 25 512	709 389	20 322	39 405	475 704	3 083 281	2 000 194	5 080 263	X	X
311340	Nonchocolate confectionery mfg.....	2000.. 22 940	756 493	19 393	37 635	501 378	3 578 738	2 059 749	5 595 538	10	3
		1999.. 25 356	777 505	20 566	41 982	519 127	3 310 278	2 016 167	5 318 012	5	2
		1998.. 27 389	771 744	21 764	41 941	510 390	3 293 108	2 069 158	5 360 921	1	1
		1997.. 25 512	709 389	20 322	39 405	475 704	3 083 281	2 000 194	5 080 263	X	X
3114	Fruit & vegetable preserving & specialty food mfg.....	2000.. 180 789	5 134 510	154 055	309 774	3 730 142	25 898 020	24 406 151	50 347 148	2	1
		1999.. 180 157	5 045 326	153 726	307 894	3 644 045	25 232 694	24 345 613	49 492 495	1	1
		1998.. 189 160	4 943 653	158 175	318 481	3 604 147	24 733 117	24 313 619	49 097 713	1	1
		1997.. 191 576	4 884 327	160 480	316 216	3 537 478	23 360 633	23 223 370	46 618 107	X	X
31141	Frozen food mfg.....	2000.. 91 461	2 427 881	77 759	155 583	1 765 315	11 140 674	10 255 159	21 395 904	1	1
		1999.. 92 667	2 359 978	79 571	155 021	1 700 832	10 423 486	10 254 612	20 676 863	1	1
		1998.. 96 753	2 286 935	81 537	159 503	1 677 037	10 549 572	10 453 498	20 976 865	1	1
		1997.. 94 192	2 192 511	80 207	154 464	1 596 889	9 876 210	9 772 579	19 691 664	X	X
311411	Frozen fruit, juice, & vegetable mfg.....	2000.. 43 588	1 105 085	37 650	74 897	825 881	4 772 370	5 045 255	9 822 187	2	2
		1999.. 44 469	1 079 764	38 511	75 489	796 408	4 395 439	4 989 394	9 379 090	1	2
		1998.. 49 461	1 101 281	41 499	82 260	828 926	4 748 750	5 133 536	9 862 524	2	1
		1997.. 46 295	1 047 390	40 130	77 362	790 742	4 507 930	4 995 138	9 549 256	X	X
311412	Frozen specialty food mfg.....	2000.. 47 874	1 322 796	40 108	80 686	939 434	6 368 303	5 209 904	11 573 716	2	2
		1999.. 48 198	1 280 215	41 060	79 532	904 424	6 028 046	5 265 219	11 297 772	1	1
		1998.. 47 291	1 185 654	40 038	77 243	848 111	5 800 821	5 319 961	11 114 342	1	1
		1997.. 47 897	1 145 121	40 077	77 102	806 147	5 368 280	4 777 441	10 142 408	X	X
31142	Fruit & vegetable canning, pickling, & drying.....	2000.. 89 328	2 706 629	76 296	154 191	1 964 827	14 757 346	14 150 991	28 951 244	3	1
		1999.. 87 490	2 685 348	74 155	152 872	1 943 212	14 809 208	14 091 001	28 815 633	3	2
		1998.. 92 407	2 656 718	76 638	158 979	1 927 110	14 183 546	13 860 121	28 120 848	1	1
		1997.. 97 384	2 691 816	80 273	161 752	1 940 589	13 484 423	13 540 291	26 926 443	X	X
311421	Fruit & vegetable canning.....	2000.. 61 047	1 822 532	52 407	105 110	1 314 811	8 126 689	9 646 835	17 747 373	5	2
		1999.. 58 769	1 796 809	50 187	102 729	1 291 120	7 846 184	9 607 709	17 394 635	4	3
		1998.. 63 526	1 758 331	53 049	109 409	1 276 359	7 520 952	9 328 313	16 878 471	1	1
		1997.. 63 612	1 709 578	52 561	105 423	1 230 906	6 940 605	8 877 038	15 801 279	X	X
311422	Specialty canning.....	2000.. 15 783	515 535	13 298	26 906	398 229	5 146 885	2 703 774	7 849 398	2	1
		1999.. 15 809	512 213	13 276	27 423	396 552	5 333 567	2 730 639	8 067 805	3	2
		1998.. 16 156	536 661	13 084	28 716	408 771	5 375 221	2 918 936	8 293 179	1	1
		1997.. 19 157	602 615	15 880	33 399	456 780	5 185 647	2 864 243	8 051 059	X	X
311423	Dried & dehydrated food mfg.....	2000.. 12 498	368 562	10 591	22 174	251 786	1 483 773	1 800 382	3 354 473	5	4
		1999.. 12 912	376 325	10 692	22 721	255 541	1 629 457	1 752 653	3 353 193	3	3
		1998.. 12 725	361 725	10 505	20 853	241 980	1 287 373	1 612 872	2 949 198	2	4
		1997.. 14 615	379 623	11 832	22 930	252 903	1 358 171	1 709 510	3 074 105	X	X
3115	Dairy product mfg.....	2000.. 133 152	4 592 819	87 695	180 761	2 725 311	19 578 922	40 607 246	60 066 572	2	1
		1999.. 131 865	4 391 105	87 344	179 569	2 589 248	18 671 474	43 116 845	61 724 840	1	1
		1998.. 132 765	4 202 894	86 159	181 230	2 470 432	18 873 228	43 789 308	62 479 070	1	2
		1997.. 131 868	4 139 799	84 607	179 038	2 409 530	17 621 758	41 061 093	58 670 293	X	X
31151	Dairy product (except frozen) mfg.....	2000.. 113 415	3 964 788	74 009	154 070	2 313 813	17 014 751	37 400 876	54 298 161	2	1
		1999.. 111 833	3 767 769	73 219	151 090	2 173 076	16 408 491	39 882 443	56 232 365	1	1
		1998.. 112 642	3 574 639	71 719	151 276	2 056 413	16 619 432	40 098 600	56 522 554	1	2
		1997.. 112 082	3 533 105	70 363	148 903	2 018 627	15 071 625	37 748 615	52 812 384	X	X
311511	Fluid milk mfg.....	2000.. 58 105	2 067 891	30 284	64 412	1 014 171	7 780 950	15 946 810	23 699 253	2	2
		1999.. 57 815	1 974 296	30 582	65 394	972 108	7 244 851	16 264 146	23 440 007	2	2
		1998.. 57 413	1 907 404	30 290	65 585	945 398	6 715 279	16 542 485	23 247 151	1	2
		1997.. 57 638	1 897 820	30 017	64 775	931 111	6 284 684	15 718 803	21 995 148	X	X
311512	Creamery butter mfg.....	2000.. 1 381	48 455	1 016	2 198	33 741	234 392	1 065 298	1 305 821	2	3
		1999.. 1 546	52 328	1 047	2 302	33 288	226 956	1 182 340	1 406 578	2	3
		1998.. 1 738	57 012	1 058	2 235	32 258	260 264	1 342 841	1 600 499	2	2
		1997.. 1 827	56 524	1 138	2 377	32 564	241 876	1 133 899	1 367 548	X	X
311513	Cheese mfg.....	2000.. 36 118	1 164 518	31 645	63 683	895 236	4 758 095	14 960 610	19 692 670	4	2
		1999.. 36 143	1 096 193	31 017	61 390	851 011	4 918 258	17 374 578	22 343 471	3	2

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
311	Food mfg—Con.										
3115	Dairy product mfg—Con.										
31151	Dairy product (except frozen) mfg—Con.										
311514	Dry, condensed, & evaporated dairy product mfg.....	2000.. 17 810	683 924	11 062	23 777	370 664	4 241 314	5 428 158	9 600 417	4	4
		1999.. 16 329	644 951	10 573	22 004	316 669	4 018 426	5 061 379	9 042 309	3	3
		1998.. 16 925	609 160	10 694	23 186	319 356	4 240 928	4 956 213	9 121 869	2	3
		1997.. 16 074	573 495	10 189	22 164	310 584	4 168 556	5 037 140	9 217 542	X	X
31152	Ice cream & frozen dessert mfg .....	2000.. 19 737	628 031	13 686	26 690	411 498	2 564 172	3 206 369	5 768 411	4	3
		1999.. 20 032	623 337	14 125	28 478	416 172	2 262 982	3 234 402	5 492 475	2	2
		1998.. 20 123	628 255	14 440	29 954	414 019	2 253 796	3 690 707	5 956 516	1	4
		1997.. 19 786	606 694	14 244	30 135	390 903	2 550 133	3 312 478	5 857 909	X	X
311520	Ice cream & frozen dessert mfg .....	2000.. 19 737	628 031	13 686	26 690	411 498	2 564 172	3 206 369	5 768 411	4	3
		1999.. 20 032	623 337	14 125	28 478	416 172	2 262 982	3 234 402	5 492 475	2	2
		1998.. 20 123	628 255	14 440	29 954	414 019	2 253 796	3 690 707	5 956 516	1	4
		1997.. 19 786	606 694	14 244	30 135	390 903	2 550 133	3 312 478	5 857 909	X	X
3116	Meat product mfg.....	2000.. 485 867	11 502 726	419 554	889 047	8 772 917	35 116 039	84 014 995	118 916 407	1	1
		1999.. 477 936	11 204 511	412 578	878 326	8 535 348	33 842 533	78 016 437	111 551 022	1	1
		1998.. 468 008	10 458 451	401 228	843 885	8 037 862	32 171 147	77 034 101	109 414 474	1	1
		1997.. 464 991	9 917 710	397 935	818 777	7 577 675	30 172 670	82 899 684	112 979 006	X	X
31161	Animal slaughtering & processing.....	2000.. 485 867	11 502 726	419 554	889 047	8 772 917	35 116 039	84 014 995	118 916 407	1	1
		1999.. 477 936	11 204 511	412 578	878 326	8 535 348	33 842 533	78 016 437	111 551 022	1	1
		1998.. 468 008	10 458 451	401 228	843 885	8 037 862	32 171 147	77 034 101	109 414 474	1	1
		1997.. 464 991	9 917 710	397 935	818 777	7 577 675	30 172 670	82 899 684	112 979 006	X	X
311611	Animal (except poultry) slaughtering .....	2000.. 144 443	3 789 236	125 661	291 590	3 001 897	10 059 286	48 484 103	58 468 961	1	2
		1999.. 142 640	3 619 382	123 532	285 615	2 839 246	9 652 597	43 001 900	52 565 415	1	2
		1998.. 139 986	3 391 640	121 262	276 093	2 688 721	8 088 824	41 834 282	50 039 427	1	1
		1997.. 141 882	3 245 551	121 122	265 166	2 524 092	8 589 698	45 718 375	54 284 253	X	X
311612	Meat processed from carcasses .....	2000.. 100 222	2 876 754	80 559	173 706	1 921 264	10 142 789	15 815 005	25 866 769	1	2
		1999.. 98 494	2 785 669	78 575	170 798	1 870 214	9 054 177	15 761 412	24 752 827	1	2
		1998.. 94 420	2 569 379	74 805	157 133	1 736 036	9 020 741	15 420 709	24 415 996	1	1
		1997.. 90 002	2 347 336	72 029	145 714	1 591 598	8 242 526	15 995 769	24 260 511	X	X
311613	Rendering & meat byproduct processing.....	2000.. 10 061	315 363	5 746	12 358	153 973	1 067 940	1 034 672	2 103 278	2	6
		1999.. 9 017	292 497	4 949	10 943	140 397	981 104	925 293	1 906 659	2	6
		1998.. 8 704	273 286	5 120	10 008	145 617	1 166 516	1 124 906	2 285 306	2	4
		1997.. 8 798	268 952	5 033	10 572	128 710	1 254 647	1 311 993	2 556 547	X	X
311615	Poultry processing .....	2000.. 231 140	4 521 373	207 588	411 393	3 695 783	13 846 024	18 681 214	32 477 398	1	1
		1999.. 227 785	4 506 963	205 522	410 970	3 685 491	14 154 656	18 327 832	32 326 121	1	1
		1998.. 224 898	4 224 147	200 041	400 652	3 467 487	13 895 067	18 654 205	32 673 744	1	1
		1997.. 224 309	4 055 871	199 751	397 325	3 333 275	12 085 799	19 873 547	31 877 695	X	X
3117	Seafood product preparation & packaging .....	2000.. 41 616	953 443	34 010	63 887	625 234	2 699 114	5 486 701	8 166 280	4	4
		1999.. 41 224	938 300	33 551	64 321	616 630	2 696 655	5 175 465	7 873 799	4	4
		1998.. 42 200	894 997	35 224	62 462	619 067	2 954 624	4 693 830	7 643 543	2	5
		1997.. 40 763	886 350	33 483	63 231	605 813	2 512 047	4 412 177	6 919 210	X	X
31171	Seafood product preparation & packaging .....	2000.. 41 616	953 443	34 010	63 887	625 234	2 699 114	5 486 701	8 166 280	4	4
		1999.. 41 224	938 300	33 551	64 321	616 630	2 696 655	5 175 465	7 873 799	4	4
		1998.. 42 200	894 997	35 224	62 462	619 067	2 954 624	4 693 830	7 643 543	2	5
		1997.. 40 763	886 350	33 483	63 231	605 813	2 512 047	4 412 177	6 919 210	X	X
311711	Seafood canning .....	2000.. 5 127	124 656	4 151	7 806	76 166	338 897	598 156	938 138	8	7
		1999.. 5 385	141 284	4 150	7 874	85 473	364 257	653 078	1 016 030	8	4
		1998.. 5 553	122 176	4 441	7 773	75 622	313 021	516 907	830 740	2	8
		1997.. 5 371	121 870	4 253	7 645	73 888	330 603	533 089	862 118	X	X
311712	Fresh & frozen seafood processing ..	2000.. 36 489	828 787	29 859	56 080	549 068	2 360 218	4 888 545	7 228 142	5	5
		1999.. 35 839	797 017	29 401	56 447	531 158	2 332 398	4 522 387	6 857 769	5	5
		1998.. 36 647	772 820	30 783	54 689	543 445	2 641 602	4 176 924	6 812 803	2	5
		1997.. 35 392	764 480	29 230	55 586	531 925	2 181 444	3 879 088	6 057 092	X	X
3118	Bakeries & tortilla mfg .....	2000.. 320 121	8 937 974	197 613	364 222	4 773 442	30 952 563	16 826 036	47 779 417	2	2
		1999.. 314 931	8 659 497	191 828	361 773	4 623 649	30 071 316	16 614 746	46 636 448	1	2
		1998.. 328 984	8 275 620	205 546	395 626	4 499 011	28 608 140	17 141 720	45 715 975	1	1
		1997.. 298 300	7 802 377	185 122	345 366	4 252 283	27 160 518	16 561 544	43 722 668	X	X
31181	Bread & bakery product mfg .....	2000.. 244 771	6 705 440	139 018	252 338	3 261 104	20 377 907	10 019 976	30 394 146	2	3
		1999.. 240 480	6 438 163	134 079	249 222	3 099 310	19 171 145	9 609 469	28 701 149	2	3
		1998.. 254 741	6 101 771	147 876	283 117	2 999 111	17 960 183	9 842 116	27 762 346	1	1
		1997.. 222 596	5 582 806	126 668	228 769	2 745 715	16 631 875	9 313 748	25 953 070	X	X
311811	Retail bakeries .....	2000.. 52 662	747 377	28 077	43 026	400 192	1 715 311	903 750	2 615 301	3	5
		1999.. 52 919	702 515	28 447	40 237	374 850	1 374 568	795 825	2 166 019	3	4
		1998.. 74 653	935 848	47 134	82 672	492 383	2 094 609	1 236 368	3 304 889	2	2
		1997.. 43 603	568 243	26 845	34 286	298 911	1 227 763	716 938	1 946 153	X	X
311812	Commercial bakeries .....	2000.. 175 635	5 514 529	97 395	182 107	2 553 006	17 129 959	7 769 261	24 867 725	3	4
		1999.. 172 514	5 330 908	93 459	184 655	2 438 545	16 331 183	7 597 294	23 897 359	2	3
		1998.. 164 686	4 758 119	88 188	175 070	2 223 126	14 455 742	7 420 512	21 862 561	1	1
		1997.. 164 033	4 624 748	87 616	170 173	2 171 895	14 036 766	7 453 210	21 494 992	X	X
311813	Frozen cakes, pies, & other pastries mfg .....	2000.. 16 473	443 534	13 546	27 205	307 906	1 532 637	1 346 964	2 911 121	4	3
		1999.. 15 047	404 739	12 173	24 331	285 916	1 465 394	1 216 350	2 637 771	3	3
		1998.. 15 402	407 805	12 554	25 375	283 602	1 409 832	1 185 236	2 594 896	2	2
		1997.. 14 960	389 815	12 207	24 310	274 909	1 367 346	1 143 600	2 511 925	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
311	Food mfg—Con.										
3118	Bakeries & tortilla mfg—Con.										
31182	Cookie, cracker, & pasta mfg .....	2000.. 61 951	1 952 730	48 028	92 468	1 325 893	9 829 525	6 298 259	16 130 584	4	2
		1999.. 61 759	1 958 012	47 692	93 981	1 351 092	10 224 598	6 525 606	16 778 921	2	2
		1998.. 62 847	1 946 756	48 905	95 949	1 349 609	9 965 438	6 805 061	16 774 413	1	1
		1997.. 64 401	2 002 867	49 541	100 370	1 358 168	9 907 805	6 757 226	16 656 299	X	X
311821	Cookie & cracker mfg .....	2000.. 39 762	1 308 046	30 732	59 180	891 371	7 155 048	3 155 616	10 314 158	3	2
		1999.. 40 107	1 321 344	30 943	60 515	924 067	6 978 132	3 286 050	10 281 832	2	2
		1998.. 42 189	1 312 905	32 726	62 675	918 696	6 704 585	3 566 480	10 288 805	1	1
		1997.. 42 804	1 343 993	32 912	65 151	920 690	6 366 872	3 518 363	9 889 921	X	X
311822	Flour mixes & dough mfg from purchased flour .....	2000.. 17 874	528 380	14 010	26 949	360 354	2 112 942	2 527 541	4 639 140	9	4
		1999.. 17 196	523 063	13 249	27 023	353 003	2 635 796	2 657 342	5 288 669	6	2
		1998.. 15 232	485 517	11 843	24 919	327 480	2 401 144	2 626 006	5 028 916	1	1
		1997.. 15 534	484 414	11 963	25 851	321 649	2 495 635	2 523 023	4 999 850	X	X
311823	Dry pasta mfg .....	2000.. 4 315	116 304	3 286	6 339	74 168	561 535	615 101	1 177 286	16	8
		1999.. 4 457	113 604	3 500	6 443	74 023	610 670	582 213	1 208 419	15	6
		1998.. 5 426	148 334	4 336	8 355	103 434	859 709	612 575	1 456 691	1	1
		1997.. 6 063	174 460	4 666	9 368	115 829	1 045 298	715 840	1 766 528	X	X
31183	Tortilla mfg .....	2000.. 13 399	279 804	10 567	19 416	186 445	745 131	507 801	1 254 688	6	3
		1999.. 12 692	263 322	10 057	18 570	173 247	675 572	479 670	1 156 378	6	3
		1998.. 11 395	227 093	8 766	16 559	150 291	682 519	494 543	1 179 217	2	1
		1997.. 11 303	216 704	8 913	16 227	148 400	620 838	490 570	1 113 299	X	X
311830	Tortilla mfg .....	2000.. 13 399	279 804	10 567	19 416	186 445	745 131	507 801	1 254 688	6	3
		1999.. 12 692	263 322	10 057	18 570	173 247	675 572	479 670	1 156 378	6	3
		1998.. 11 395	227 093	8 766	16 559	150 291	682 519	494 543	1 179 217	2	1
		1997.. 11 303	216 704	8 913	16 227	148 400	620 838	490 570	1 113 299	X	X
3119	Other food mfg .....	2000.. 154 794	4 784 031	113 960	224 418	2 779 334	29 871 052	24 392 713	54 154 935	2	1
		1999.. 150 731	4 576 957	111 479	220 029	2 669 117	28 470 874	24 272 924	52 571 098	1	1
		1998.. 151 170	4 439 571	112 292	217 506	2 585 760	28 166 559	23 578 128	51 799 288	1	1
		1997.. 148 688	4 338 144	109 196	215 723	2 544 397	26 323 935	22 801 616	48 905 169	X	X
31191	Snack food mfg .....	2000.. 46 138	1 431 487	35 903	77 006	831 709	8 599 262	7 105 749	15 611 599	3	2
		1999.. 46 015	1 363 710	35 643	73 626	802 425	8 199 869	7 175 855	15 319 322	3	1
		1998.. 47 443	1 417 428	36 883	69 959	805 449	8 517 410	6 640 124	15 178 905	1	3
		1997.. 46 609	1 368 683	35 412	72 675	812 972	7 483 020	6 174 737	13 590 607	X	X
311911	Roasted nuts & peanut butter mfg ...	2000.. 11 321	327 848	8 974	18 810	219 667	1 933 907	2 654 159	4 518 635	4	3
		1999.. 11 118	297 804	8 803	17 662	191 249	1 924 543	2 644 015	4 536 881	2	2
		1998.. 10 672	294 854	8 211	17 419	181 319	1 749 434	2 596 394	4 383 827	1	8
		1997.. 10 128	265 104	7 607	16 296	168 424	1 574 476	2 385 886	3 933 112	X	X
311919	Other snack food mfg .....	2000.. 34 818	1 103 639	26 929	58 197	612 042	6 665 356	4 451 591	11 092 964	4	2
		1999.. 34 897	1 065 906	26 840	55 964	611 175	6 275 326	4 531 840	10 782 440	4	1
		1998.. 36 771	1 122 574	28 673	52 540	624 129	6 767 976	4 043 730	10 795 078	1	3
		1997.. 36 481	1 103 579	27 805	56 379	644 548	5 908 544	3 788 851	9 657 495	X	X
31192	Coffee & tea mfg .....	2000.. 11 992	432 951	7 370	14 546	231 152	3 219 225	3 997 238	7 229 213	3	2
		1999.. 12 067	449 774	7 508	14 779	239 023	3 388 023	4 101 548	7 466 328	3	1
		1998.. 12 820	422 323	8 165	16 139	227 008	3 514 567	4 174 032	7 716 723	1	1
		1997.. 12 895	445 357	8 134	16 538	254 555	3 644 653	4 401 171	7 974 921	X	X
311920	Coffee & tea mfg .....	2000.. 11 992	432 951	7 370	14 546	231 152	3 219 225	3 997 238	7 229 213	3	2
		1999.. 12 067	449 774	7 508	14 779	239 023	3 388 023	4 101 548	7 466 328	3	1
		1998.. 12 820	422 323	8 165	16 139	227 008	3 514 567	4 174 032	7 716 723	1	1
		1997.. 12 895	445 357	8 134	16 538	254 555	3 644 653	4 401 171	7 974 921	X	X
31193	Flavoring syrup & concentrate mfg .....	2000.. 5 449	236 685	3 418	7 558	135 067	6 132 052	1 743 354	7 857 657	6	1
		1999.. 5 546	234 931	3 603	8 077	130 725	5 787 753	1 734 800	7 468 391	4	1
		1998.. 5 699	211 165	3 143	6 254	105 280	5 260 934	1 646 714	6 901 081	3	1
		1997.. 6 243	225 770	3 348	6 839	111 627	4 945 331	1 648 212	6 590 816	X	X
311930	Flavoring syrup & concentrate mfg ...	2000.. 5 449	236 685	3 418	7 558	135 067	6 132 052	1 743 354	7 857 657	6	1
		1999.. 5 546	234 931	3 603	8 077	130 725	5 787 753	1 734 800	7 468 391	4	1
		1998.. 5 699	211 165	3 143	6 254	105 280	5 260 934	1 646 714	6 901 081	3	1
		1997.. 6 243	225 770	3 348	6 839	111 627	4 945 331	1 648 212	6 590 816	X	X
31194	Seasoning & dressing mfg .....	2000.. 29 188	1 094 501	19 807	39 148	598 461	5 902 174	5 584 787	11 477 315	3	2
		1999.. 28 629	1 070 659	19 231	38 587	582 297	5 888 871	5 541 259	11 409 441	2	1
		1998.. 26 290	924 698	18 579	37 383	529 307	5 256 814	5 433 323	10 690 173	2	2
		1997.. 26 055	897 346	17 892	34 911	491 155	5 108 356	4 990 907	10 027 200	X	X
311941	Mayonnaise, dressing, & other prepared sauce mfg .....	2000.. 15 811	533 411	11 510	23 259	337 858	3 285 291	3 176 356	6 467 461	4	2
		1999.. 15 246	507 422	10 933	21 646	325 979	3 295 642	3 139 860	6 429 251	2	1
		1998.. 14 307	446 688	10 809	22 336	296 941	3 115 299	3 273 607	6 392 514	2	1
		1997.. 13 927	443 903	10 448	20 212	286 515	2 945 653	2 860 124	5 810 040	X	X
311942	Spice & extract mfg .....	2000.. 13 378	561 090	8 297	15 889	260 603	2 616 883	2 408 431	5 009 854	4	3
		1999.. 13 383	563 237	8 298	16 941	256 318	2 593 229	2 401 399	4 980 189	3	3
		1998.. 11 983	478 010	7 770	15 048	232 365	2 141 516	2 159 716	4 297 659	2	5
		1997.. 12 128	453 443	7 444	14 699	204 640	2 162 703	2 130 783	4 217 160	X	X
31199	All other food mfg .....	2000.. 62 026	1 588 406	47 462	86 159	982 944	6 018 339	5 961 586	11 979 152	3	4
		1999.. 58 474	1 457 884	45 494	84 960	914 648	5 206 358	5 719 461	10 907 616	2	4
		1998.. 58 918	1 463 958	45 522	87 770	918 717	5 616 834	5 683 936	11 312 406	1	2
		1997.. 56 886	1 400 988	44 410	84 760	874 088	5 142 575	5 586 589	10 721 625	X	X
311991	Perishable prepared food mfg .....	2000.. 22 298	512 111	16 976	29 820	306 329	1 482 621	1 467 924	2 956 067	4	3
		1999.. 20 512	462 871	15 564	29 219	278 109	1 363 298	1 411 939	2 765 007	2	3
		1998.. 21 198	487 465	15 681	30 522	284 018	1 369 194	1 419 709	2 784 974	3	4
		1997.. 20 732	461 355	15 720	29 808	272 127	1 394 441	1 349 973	2 730 103	X	X
311999	All other miscellaneous food mfg .....	2000.. 39 728	1 076 296	30 485	56 340	676 615	4 535 718	4 493 661	9 023 085	3	5
		1999.. 37 962	995 013	29 930	55 741	636 539	3 843 060	4 307 522	8 142 609	2	5
		1998.. 37 720	976 492	29 841	57 248	634 699	4 247 640	4 264 226	8 527 432	1	2
		1997.. 36 154	939 633	28 690	54 952	601 961	3 748 134	4 236 616			

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
												A
312	Beverage & tobacco product mfg .....	2000..	174 230	7 107 728	94 167	190 919	3 491 576	71 763 324	40 917 029	112 055 295	2	1
		1999..	166 847	6 681 383	89 748	177 852	3 375 890	68 379 316	38 632 565	106 920 499	1	1
		1998..	175 214	6 810 605	96 969	193 329	3 518 349	62 444 922	40 431 020	102 358 936	1	1
		1997..	175 711	6 735 295	98 389	196 693	3 554 784	56 433 891	41 276 110	96 971 368	X	X
3121	Beverage mfg .....	2000..	146 084	5 558 016	74 527	153 793	2 606 214	30 027 514	34 008 226	63 417 620	2	1
		1999..	138 534	5 236 764	69 484	140 035	2 481 860	30 342 353	31 409 815	61 623 266	1	1
		1998..	141 394	5 280 571	72 824	147 779	2 556 424	30 971 480	31 919 598	62 381 925	1	1
		1997..	142 117	5 139 203	73 948	148 771	2 518 681	29 743 502	31 824 907	60 896 055	X	X
31211	Soft drink & ice mfg .....	2000..	86 018	2 875 044	37 716	79 325	1 119 399	13 817 301	21 303 999	35 117 576	3	2
		1999..	81 713	2 677 247	36 035	74 970	1 068 602	14 104 726	20 179 928	34 163 362	1	2
		1998..	82 891	2 691 104	36 500	77 658	1 068 047	14 162 724	19 519 511	33 622 811	1	3
		1997..	83 256	2 627 979	36 580	79 450	1 042 932	13 131 224	19 480 621	32 587 038	X	X
312111	Soft drink mfg .....	2000..	74 208	2 549 558	31 994	69 150	991 030	12 577 519	20 582 480	33 154 834	3	2
		1999..	70 747	2 386 833	30 793	66 016	947 949	12 976 878	19 455 383	32 318 555	1	2
		1998..	73 212	2 426 218	31 567	67 403	946 248	13 395 157	18 917 030	32 268 227	2	3
		1997..	73 343	2 377 922	31 712	69 764	930 608	12 422 141	18 979 093	31 376 263	X	X
312112	Bottled water mfg .....	2000..	6 374	189 925	3 175	5 784	81 323	859 032	589 446	1 449 388	8	11
		1999..	5 783	161 758	2 759	4 793	74 846	600 952	500 952	1 386 232	4	10
		1998..	4 719	144 103	1 945	4 143	62 753	448 613	447 170	891 509	1	7
		1997..	4 661	132 426	1 961	3 714	57 471	412 997	373 757	785 869	X	X
312113	Ice mfg .....	2000..	5 437	135 560	2 546	4 390	47 046	380 750	132 074	513 354	7	9
		1999..	5 183	128 656	2 484	4 161	45 808	334 360	123 593	458 575	6	6
		1998..	4 960	120 783	2 988	6 111	59 046	318 954	155 310	463 075	5	6
		1997..	5 252	117 631	2 907	5 972	54 853	296 086	127 771	424 906	X	X
31212	Breweries .....	2000..	30 849	1 580 942	20 981	44 109	974 450	9 919 740	6 600 818	16 510 715	3	1
		1999..	30 255	1 575 344	20 217	39 284	987 137	11 288 507	5 616 681	16 899 825	3	1
		1998..	31 813	1 613 933	22 374	43 261	1 066 131	11 197 157	6 825 769	18 031 537	1	1
		1997..	34 251	1 598 573	24 205	43 800	1 083 121	11 234 126	6 967 213	18 203 492	X	X
312120	Breweries .....	2000..	30 849	1 580 942	20 981	44 109	974 450	9 919 740	6 600 818	16 510 715	3	1
		1999..	30 255	1 575 344	20 217	39 284	987 137	11 288 507	5 616 681	16 899 825	3	1
		1998..	31 813	1 613 933	22 374	43 261	1 066 131	11 197 157	6 825 769	18 031 537	1	1
		1997..	34 251	1 598 573	24 205	43 800	1 083 121	11 234 126	6 967 213	18 203 492	X	X
31213	Wineries .....	2000..	21 617	793 137	10 295	18 028	297 729	3 937 695	4 066 833	7 454 761	2	3
		1999..	20 849	755 640	9 422	16 897	269 903	3 071 764	3 746 414	6 810 805	2	2
		1998..	20 330	730 353	9 399	18 100	267 832	3 389 534	3 836 081	6 828 809	2	3
		1997..	18 193	668 051	8 572	15 784	238 543	3 161 416	3 663 761	6 194 564	X	X
312130	Wineries .....	2000..	21 617	793 137	10 295	18 028	297 729	3 937 695	4 066 833	7 454 761	2	3
		1999..	20 849	755 640	9 422	16 897	269 903	3 071 764	3 746 414	6 810 805	2	2
		1998..	20 330	730 353	9 399	18 100	267 832	3 389 534	3 836 081	6 828 809	2	3
		1997..	18 193	668 051	8 572	15 784	238 543	3 161 416	3 663 761	6 194 564	X	X
31214	Distilleries .....	2000..	7 600	308 893	5 536	12 331	214 635	2 352 778	2 036 575	4 334 568	26	4
		1999..	5 718	228 533	3 810	8 884	156 218	1 877 357	1 866 791	3 749 273	2	3
		1998..	6 360	245 180	4 550	8 761	154 414	2 222 065	1 738 238	3 898 767	1	1
		1997..	6 417	244 600	4 591	9 737	154 085	2 216 736	1 713 312	3 910 961	X	X
312140	Distilleries .....	2000..	7 600	308 893	5 536	12 331	214 635	2 352 778	2 036 575	4 334 568	26	4
		1999..	5 718	228 533	3 810	8 884	156 218	1 877 357	1 866 791	3 749 273	2	3
		1998..	6 360	245 180	4 550	8 761	154 414	2 222 065	1 738 238	3 898 767	1	1
		1997..	6 417	244 600	4 591	9 737	154 085	2 216 736	1 713 312	3 910 961	X	X
3122	Tobacco mfg .....	2000..	28 146	1 549 712	19 640	37 127	885 362	41 735 810	6 908 803	48 637 676	2	1
		1999..	28 313	1 444 619	20 264	37 817	894 031	38 036 963	7 222 751	45 297 233	1	1
		1998..	33 820	1 530 035	24 145	45 549	961 925	31 473 442	8 511 421	39 977 012	1	1
		1997..	33 594	1 596 092	24 441	47 922	1 036 103	26 690 389	9 451 203	36 075 313	X	X
31221	Tobacco stemming & redrying .....	2000..	3 553	106 271	2 543	5 381	52 225	495 279	1 937 798	2 418 267	1	1
		1999..	4 131	116 186	2 850	6 608	57 738	291 993	2 180 150	2 507 491	1	1
		1998..	5 553	132 121	3 944	8 584	69 498	729 484	2 858 939	3 567 304	1	1
		1997..	4 955	112 571	3 590	7 470	62 221	619 176	2 715 622	3 263 376	X	X
312210	Tobacco stemming & redrying .....	2000..	3 553	106 271	2 543	5 381	52 225	495 279	1 937 798	2 418 267	1	1
		1999..	4 131	116 186	2 850	6 608	57 738	291 993	2 180 150	2 507 491	1	1
		1998..	5 553	132 121	3 944	8 584	69 498	729 484	2 858 939	3 567 304	1	1
		1997..	4 955	112 571	3 590	7 470	62 221	619 176	2 715 622	3 263 376	X	X
31222	Tobacco product mfg .....	2000..	24 593	1 443 441	17 097	31 746	833 137	41 240 531	4 971 005	46 219 409	2	1
		1999..	24 182	1 328 433	17 414	31 209	836 293	37 744 970	5 042 601	42 789 742	2	1
		1998..	28 267	1 397 914	20 201	36 965	892 427	30 743 958	5 652 482	36 409 708	1	1
		1997..	28 639	1 483 521	20 851	40 452	973 882	26 071 213	6 735 581	32 811 937	X	X
312221	Cigarette mfg .....	2000..	17 659	1 185 892	11 813	22 059	667 425	38 636 686	4 142 769	42 787 001	1	1
		1999..	18 157	1 131 992	12 811	22 237	706 907	35 332 564	4 351 428	39 686 690	1	1
		1998..	20 541	1 158 539	14 212	25 003	732 593	27 977 063	4 804 349	32 799 729	1	1
		1997..	21 302	1 246 557	15 096	28 887	816 131	23 338 692	5 901 854	29 252 787	X	X
312229	Other tobacco product mfg .....	2000..	6 934	257 549	5 284	9 687	165 712	2 603 845	828 236	3 432 408	7	9
		1999..	6 025	196 441	4 603	8 972	129 386	2 412 406	691 173	3 103 052	7	8
		1998..	7 726	239 375	5 989	11 962	159 834	2 766 895	848 133	3 609 979	1	1
		1997..	7 337	236 964	5 755	11 565	157 751	2 732 521	833 727	3 559 150	X	X
313	Textile mills .....	2000..	336 947	9 199 615	286 236	592 438	6 740 617	21 428 534	30 085 311	51 769 748	1	1
		1999..	352 580	9 385 205	297 271	623 443	6 911 805	22 760 916	31 513 435	54 306 467	1	2
		1998..	377 391	9 860 628	320 031	669 471	7 337 316	23 782 064	33 899 685	57 415 758	1	1
		1997..	391 899	10 058 482	332 385	695 900	7 439 112	23 696 948	34 876 899	58 707 401	X	X
3131	Fiber, yarn, & thread mills .....	2000..	72 389	1 792 879	65 348	133 931	1 498 742	3 667 109	7 737 853	11 432 811	1	2
		1999..	74 834	1 803 876	66 984	142 109	1 507 682	3 776 857	8 148 225	11 903 575	1	2
		1998..	80 024	1 884 183	71 698	152 753	1 570 071	4 300 182	8 497 995	12 668 953	1	1
		1997..	82 291	1 891 178	73 973	156 214	1 561 517	4 202 226	8 634 866	12 896 617	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
313	Textile mills—Con.										
3131	Fiber, yarn, & thread mills—Con.										
31311	Fiber, yarn, & thread mills .....	2000.. 72 389	1 792 879	65 348	133 931	1 498 742	3 667 109	7 737 853	11 432 811	1	2
		1999.. 74 834	1 803 876	66 984	142 109	1 507 682	3 776 857	8 148 225	11 903 575	1	2
		1998.. 80 024	1 884 183	71 698	152 753	1 570 071	4 300 182	8 497 995	12 668 953	1	1
		1997.. 82 291	1 891 178	73 973	156 214	1 561 517	4 202 226	8 634 866	12 896 617	X	X
313111	Yarn spinning mills .....	2000.. 48 468	1 187 815	43 956	91 016	1 008 381	2 397 832	4 075 643	6 472 620	2	3
		1999.. 51 762	1 220 210	46 399	99 500	1 034 088	2 639 679	4 560 131	7 216 220	1	2
		1998.. 57 241	1 323 381	51 469	110 954	1 119 380	2 975 781	5 046 288	7 943 224	1	1
		1997.. 58 440	1 334 129	52 720	112 451	1 126 224	2 964 156	5 138 206	8 143 185	X	X
313112	Yarn texturing, throwing, & twisting mills .....	2000.. 20 801	534 521	18 679	37 353	434 369	1 135 238	3 414 808	4 585 777	3	5
		1999.. 20 186	524 536	18 091	37 737	426 991	1 033 236	3 379 369	4 376 374	2	4
		1998.. 18 832	474 064	16 680	34 407	382 733	1 165 356	3 009 235	4 123 129	1	2
		1997.. 20 256	478 414	18 044	36 910	374 482	1 096 088	3 115 899	4 231 500	X	X
313113	Thread mills .....	2000.. 3 120	70 542	2 713	5 561	55 993	134 039	247 402	374 414	4	3
		1999.. 2 886	59 130	2 494	4 872	46 602	103 942	208 725	310 982	4	3
		1998.. 3 951	86 738	3 549	7 391	67 957	159 045	442 471	602 600	1	1
		1997.. 3 595	78 635	3 209	6 853	60 811	141 982	380 761	521 932	X	X
3132	Fabric mills .....	2000.. 184 304	5 041 032	156 701	322 768	3 736 605	11 432 683	14 987 364	25 992 664	1	1
		1999.. 195 576	5 218 566	164 727	342 919	3 875 724	12 739 244	15 136 053	27 900 160	1	1
		1998.. 210 996	5 578 294	178 884	369 463	4 168 425	12 927 467	16 819 260	29 687 544	1	1
		1997.. 217 354	5 613 779	184 433	384 185	4 201 818	12 598 396	17 302 351	29 979 595	X	X
31321	Broadwoven fabric mills .....	2000.. 113 091	3 007 619	98 383	204 008	2 359 618	6 513 242	8 623 194	15 281 751	1	2
		1999.. 120 999	3 139 585	104 680	217 369	2 463 008	7 340 517	9 320 710	16 655 005	1	1
		1998.. 129 506	3 422 465	113 559	236 006	2 716 914	7 811 209	10 568 712	18 305 538	1	1
		1997.. 132 797	3 434 157	115 792	242 614	2 729 638	7 505 926	10 661 154	18 269 155	X	X
313210	Broadwoven fabric mills .....	2000.. 113 091	3 007 619	98 383	204 008	2 359 618	6 513 242	8 623 194	15 281 751	1	2
		1999.. 120 999	3 139 585	104 680	217 369	2 463 008	7 340 517	9 320 710	16 655 005	1	1
		1998.. 129 506	3 422 465	113 559	236 006	2 716 914	7 811 209	10 568 712	18 305 538	1	1
		1997.. 132 797	3 434 157	115 792	242 614	2 729 638	7 505 926	10 661 154	18 269 155	X	X
31322	Narrow fabric mills & schiffli machine embroidery .....	2000.. 18 475	462 287	15 075	30 786	309 348	960 885	780 366	1 754 254	4	4
		1999.. 18 568	446 336	15 247	32 090	309 762	1 021 618	818 181	1 833 688	3	4
		1998.. 20 221	454 677	16 424	34 417	313 058	953 160	753 347	1 710 865	2	3
		1997.. 20 215	445 118	16 700	34 314	306 262	949 913	696 805	1 645 969	X	X
313221	Narrow fabric mills .....	2000.. 16 602	412 709	13 458	27 468	274 299	805 059	625 274	1 443 316	2	2
		1999.. 16 448	391 693	13 487	28 416	270 765	849 888	656 336	1 499 401	2	2
		1998.. 16 454	377 725	13 339	28 204	259 565	800 603	680 978	1 481 364	2	4
		1997.. 16 366	368 459	13 468	27 815	251 828	786 758	623 775	1 409 967	X	X
313222	Schiffli machine embroidery .....	2000.. 1 873	49 578	1 617	3 318	35 049	155 826	155 092	310 937	32	23
		1999.. 2 120	54 643	1 760	3 673	38 997	171 731	161 845	334 287	28	21
		1998.. 3 767	76 953	3 084	6 214	53 493	152 557	72 369	229 501	6	8
		1997.. 3 849	76 659	3 232	6 499	54 434	163 155	73 030	236 002	X	X
31323	Nonwoven fabric mills .....	2000.. 22 519	802 028	17 444	35 986	526 432	2 161 604	2 594 877	4 739 794	2	3
		1999.. 21 190	750 131	15 913	34 617	491 603	2 296 299	2 359 762	4 674 168	2	2
		1998.. 20 807	720 817	15 118	31 532	449 043	1 936 909	2 475 977	4 416 091	1	1
		1997.. 21 162	693 101	15 867	33 228	428 568	1 751 967	2 645 508	4 367 765	X	X
313230	Nonwoven fabric mills .....	2000.. 22 519	802 028	17 444	35 986	526 432	2 161 604	2 594 877	4 739 794	2	3
		1999.. 21 190	750 131	15 913	34 617	491 603	2 296 299	2 359 762	4 674 168	2	2
		1998.. 20 807	720 817	15 118	31 532	449 043	1 936 909	2 475 977	4 416 091	1	1
		1997.. 21 162	693 101	15 867	33 228	428 568	1 751 967	2 645 508	4 367 765	X	X
31324	Knit fabric mills .....	2000.. 30 219	769 098	25 798	51 988	541 207	1 796 952	2 388 926	4 216 866	3	5
		1999.. 34 819	882 513	28 888	58 843	611 351	2 080 810	2 637 399	4 737 299	2	4
		1998.. 40 463	980 334	33 783	67 508	689 409	2 226 189	3 021 225	5 255 050	1	2
		1997.. 43 180	1 041 403	36 074	74 029	737 350	2 390 590	3 298 884	5 696 706	X	X
313241	Weft knit fabric mills .....	2000.. 16 231	400 486	14 229	27 886	285 556	848 979	1 329 886	2 192 769	4	6
		1999.. 19 301	475 414	16 017	32 250	328 500	1 015 029	1 403 779	2 425 075	2	4
		1998.. 23 397	553 702	19 504	38 495	386 116	1 087 161	1 720 477	2 812 837	1	3
		1997.. 24 535	570 908	20 567	41 830	404 579	1 150 044	1 915 271	3 070 633	X	X
313249	Other knit fabric & lace mills .....	2000.. 13 988	368 612	11 570	24 104	255 650	947 973	1 059 040	2 024 096	3	7
		1999.. 15 518	407 100	12 870	26 592	282 851	1 065 780	1 233 620	2 312 224	2	8
		1998.. 17 067	426 632	14 279	29 013	303 293	1 139 028	1 301 077	2 442 213	1	1
		1997.. 18 645	470 495	15 507	32 199	332 771	1 240 546	1 383 613	2 626 073	X	X
3133	Textile & fabric finishing & fabric coating mills .....	2000.. 80 254	2 365 704	64 187	135 740	1 505 270	6 328 742	7 960 094	14 344 274	3	4
		1999.. 82 170	2 362 762	65 560	138 415	1 528 399	6 244 815	8 229 158	14 502 731	2	5
		1998.. 86 371	2 398 151	69 449	147 256	1 598 821	6 554 415	8 582 430	15 059 261	3	4
		1997.. 92 254	2 553 525	73 979	155 501	1 575 777	6 896 326	8 939 682	15 831 189	X	X
31331	Textile & fabric finishing mills .....	2000.. 69 325	1 951 102	56 388	119 962	1 288 250	5 403 920	6 559 639	12 025 495	3	5
		1999.. 71 895	1 992 342	58 139	123 204	1 322 403	5 388 272	6 975 307	12 380 555	2	6
		1998.. 74 981	2 001 368	60 984	129 606	1 350 421	5 566 235	7 191 434	12 673 576	3	4
		1997.. 80 722	2 167 370	65 739	138 706	1 452 456	6 006 310	7 693 568	13 697 712	X	X
313311	Broadwoven fabric finishing mills .....	2000.. 45 031	1 298 033	36 051	77 588	842 991	3 624 035	4 726 856	8 420 448	4	6
		1999.. 47 077	1 329 505	37 648	80 319	882 229	3 591 186	4 810 233	8 421 047	3	7
		1998.. 47 159	1 292 788	37 817	81 385	870 655	3 824 098	5 054 938	8 790 589	5	6
		1997.. 51 447	1 424 212	41 057	86 709	947 744	4 032 378	5 242 184	9 294 623	X	X
313312	Textile & fabric finishing mills .....	2000.. 24 294	653 068	20 337	42 374	445 258	1 779 885	1 832 784	3 605 048	4	8
		1999.. 24 818	662 837	20 491	42 884	440 174	1 797 086	2 165 075	3 959 509	2	10
		1998.. 27 822	708 579	23 167	48 221	479 766	1 742 137	2 136 496	3 882 986	2	3
		1997.. 29 275	743 158	24 682	51 997	504 712	1 973 932	2 451 384	4 403 089	X	X
31332	Fabric coating mills .....	2000.. 10 929	414 603	7 798	15 778	217 020	924 822	1 400 455	2 318 779	6	10
		1999.. 10 275	370 420	7 421	15 212	205 996	856 544	1 253 850	2 122 176	6	4
		1998.. 11 390	396 784	8 465	17 650	248 400	988 180	1 390 996	2 385 685	3	5
		1997.. 11 532	386 155	8 240	16 795	223 321	890 016				

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				F	H	A	F
												A	B
314	Textile product mills.....	2000..	231 479	5 440 521	188 859	365 303	3 681 234	13 796 702	20 448 593	33 880 437	2	2	
		1999..	237 421	5 418 347	194 488	376 120	3 710 403	14 336 686	18 553 645	32 689 157	1	1	
		1998..	229 848	5 067 384	185 662	355 089	3 415 300	13 265 738	17 925 234	31 136 672	1	2	
		1997..	235 441	5 088 653	189 082	366 775	3 410 873	13 613 111	17 671 553	31 051 835	X	X	
3141	Textile furnishings mills.....	2000..	124 846	2 942 466	104 337	208 198	2 088 739	8 382 300	14 431 016	22 520 905	2	1	
		1999..	125 781	2 912 803	105 601	211 021	2 108 859	8 856 703	12 397 702	21 118 843	1	1	
		1998..	125 469	2 787 576	102 735	201 024	1 957 171	8 514 635	12 211 593	20 657 933	1	3	
		1997..	126 041	2 750 812	102 465	207 865	1 918 311	8 588 430	11 896 997	20 296 040	X	X	
31411	Carpet & rug mills.....	2000..	51 872	1 368 435	43 493	92 899	1 022 677	4 044 685	8 969 621	12 776 519	1	2	
		1999..	50 882	1 339 806	42 657	90 587	1 008 186	4 631 606	7 091 513	11 686 188	1	2	
		1998..	52 638	1 355 061	42 602	87 111	970 163	4 839 580	7 284 672	12 069 919	1	1	
		1997..	51 624	1 320 288	40 692	89 056	920 979	4 513 421	7 022 584	11 492 786	X	X	
314110	Carpet & rug mills.....	2000..	51 872	1 368 435	43 493	92 899	1 022 677	4 044 685	8 969 621	12 776 519	1	2	
		1999..	50 882	1 339 806	42 657	90 587	1 008 186	4 631 606	7 091 513	11 686 188	1	2	
		1998..	52 638	1 355 061	42 602	87 111	970 163	4 839 580	7 284 672	12 069 919	1	1	
		1997..	51 624	1 320 288	40 692	89 056	920 979	4 513 421	7 022 584	11 492 786	X	X	
31412	Curtain & linen mills.....	2000..	72 974	1 574 032	60 845	115 299	1 066 062	4 337 615	5 461 395	9 744 386	3	2	
		1999..	74 899	1 572 997	62 944	120 434	1 100 674	4 225 097	5 306 189	9 432 654	1	2	
		1998..	72 830	1 432 515	60 133	113 913	987 008	3 675 055	4 926 922	8 588 014	2	6	
		1997..	74 417	1 430 544	61 773	118 809	997 332	4 075 009	4 874 413	8 803 254	X	X	
314121	Curtain & drapery mills.....	2000..	23 672	514 633	18 476	34 510	291 853	1 203 468	1 005 451	2 193 283	4	4	
		1999..	24 863	494 459	19 882	36 641	303 737	1 036 584	967 239	2 018 006	3	4	
		1998..	26 892	495 886	20 764	38 480	302 155	1 078 265	1 011 583	2 090 145	3	6	
		1997..	25 384	450 504	19 759	35 605	274 414	943 162	921 664	1 852 089	X	X	
314129	Other household textile product mills.....	2000..	49 303	1 059 399	42 369	80 789	774 209	3 134 147	4 455 944	7 551 103	4	2	
		1999..	50 036	1 078 538	43 062	83 793	796 937	3 188 513	4 338 950	7 414 648	2	2	
		1998..	45 938	936 629	39 369	75 434	684 853	2 596 790	3 915 339	6 497 870	2	8	
		1997..	49 033	980 040	42 014	83 204	722 918	3 131 847	3 952 749	6 951 165	X	X	
3149	Other textile product mills.....	2000..	106 633	2 498 054	84 522	157 105	1 592 495	5 414 402	6 017 577	11 359 532	4	3	
		1999..	111 640	2 505 544	88 887	165 100	1 601 544	5 479 984	6 155 943	11 570 314	3	3	
		1998..	104 379	2 279 809	82 927	154 065	1 458 130	4 751 102	5 713 641	10 478 739	2	2	
		1997..	109 400	2 337 841	86 617	158 910	1 492 562	5 024 681	5 774 556	10 755 795	X	X	
31491	Textile bag & canvas mills.....	2000..	30 317	708 140	23 790	42 822	417 531	1 369 700	1 277 667	2 635 790	5	3	
		1999..	30 711	686 309	24 036	43 382	404 175	1 369 455	1 244 687	2 605 981	4	2	
		1998..	32 567	683 084	25 726	46 846	407 677	1 302 009	1 203 673	2 515 831	1	3	
		1997..	32 781	667 725	25 892	46 094	400 079	1 307 070	1 209 238	2 502 064	X	X	
314911	Textile bag mills.....	2000..	10 636	221 850	8 792	15 974	126 286	451 952	433 515	877 081	10	5	
		1999..	11 735	232 105	9 704	18 010	137 729	491 135	491 135	934 437	6	3	
		1998..	13 909	255 189	11 547	20 477	159 314	491 610	465 612	958 226	2	3	
		1997..	14 089	253 570	11 850	21 872	160 441	497 914	486 225	972 920	X	X	
314912	Canvas & related product mills.....	2000..	19 681	486 290	14 998	26 848	291 245	917 748	844 152	1 758 709	4	4	
		1999..	18 976	454 204	14 333	25 372	266 445	878 320	793 584	1 671 544	5	3	
		1998..	18 658	427 895	14 179	26 369	248 363	810 399	738 061	1 557 605	2	4	
		1997..	18 692	414 155	14 042	24 222	239 638	809 156	723 013	1 529 144	X	X	
31499	All other textile product mills.....	2000..	76 316	1 789 914	60 732	114 283	1 174 964	4 044 702	4 739 910	8 723 742	5	4	
		1999..	80 929	1 819 235	64 851	121 718	1 197 369	4 110 528	4 911 255	8 964 334	4	4	
		1998..	71 813	1 596 725	57 201	107 219	1 050 452	3 449 093	4 509 968	7 962 908	2	3	
		1997..	76 619	1 670 116	60 725	112 816	1 092 483	3 717 611	4 565 318	8 253 731	X	X	
314991	Rope, cordage, & twine mills.....	2000..	6 539	180 074	4 965	10 118	107 487	383 875	445 572	824 786	4	5	
		1999..	6 550	165 534	5 018	10 085	99 106	392 302	420 948	804 228	2	4	
		1998..	6 310	162 137	4 746	9 687	95 352	344 222	403 776	765 539	2	8	
		1997..	6 417	159 268	4 866	9 711	94 903	377 878	411 187	777 091	X	X	
314992	Tire cord & tire fabric mills.....	2000..	5 377	171 657	4 329	9 086	125 803	439 051	978 517	1 406 174	1	1	
		1999..	5 523	171 900	4 483	9 719	125 244	425 294	1 002 938	1 427 729	1	1	
		1998..	4 983	147 712	4 125	9 153	113 668	374 838	925 344	1 300 241	1	1	
		1997..	5 192	155 683	4 296	9 044	113 322	414 831	857 855	1 268 662	X	X	
314999	All other miscellaneous textile product mills.....	2000..	64 400	1 438 183	51 438	95 079	941 673	3 221 776	3 315 821	6 492 782	6	5	
		1999..	68 857	1 481 800	55 350	101 913	973 019	3 292 932	3 487 369	6 732 377	4	5	
		1998..	60 520	1 286 876	48 331	88 379	841 432	2 730 033	3 180 848	5 897 128	2	4	
		1997..	65 010	1 355 165	51 563	94 061	884 258	2 924 902	3 296 276	6 207 978	X	X	
315	Apparel mfg.....	2000..	525 970	10 373 918	423 268	764 689	6 750 755	28 210 042	32 374 459	60 214 563	3	2	
		1999..	577 773	11 046 012	471 454	852 617	7 332 458	30 370 123	32 267 976	62 305 193	2	2	
		1998..	649 010	11 922 888	541 671	989 042	8 334 269	31 778 070	33 190 202	64 931 989	1	1	
		1997..	710 796	12 582 352	592 290	1 060 314	8 799 442	33 780 193	34 683 500	68 018 116	X	X	
3151	Apparel knitting mills.....	2000..	78 994	1 689 129	67 722	132 215	1 272 171	3 597 340	4 040 257	7 604 204	3	3	
		1999..	83 844	1 714 976	72 832	139 894	1 304 951	3 554 607	4 156 688	7 669 247	2	3	
		1998..	89 186	1 786 811	78 715	153 996	1 391 734	3 886 588	4 711 937	8 525 727	1	2	
		1997..	99 901	1 933 113	88 043	170 420	1 511 480	4 630 556	4 945 443	9 600 569	X	X	
31511	Hosiery & sock mills.....	2000..	46 762	952 942	40 161	80 250	728 833	2 060 494	2 045 642	4 094 790	3	4	
		1999..	48 646	967 880	42 352	81 866	745 025	1 983 493	2 120 411	4 096 118	3	3	
		1998..	49 486	976 807	44 027	86 191	775 333	2 142 823	2 254 283	4 409 579	2	2	
		1997..	52 806	982 923	46 944	91 038	780 166	2 196 914	2 360 677	4 562 009	X	X	
315111	Sheer hosiery mills.....	2000..	13 497	266 577	11 567	24 258	202 488	563 223	637 165	1 185 157	7	8	
		1999..	14 670	291 713	12 597	24 403	218 071	568 148	682 043	1 281 290	5	7	
		1998..	15 342	311 703	13 613	27 645	247 218	733 008	746 137	1 468 967	2	1	
		1997..	17 798	349 890	15 869	31 512	277 937	797 444	845 433	1 658 474	X	X	
315119	Other hosiery & sock mills.....	2000..	33 265	686 365	28 594	55 992	526 345	1 497 271	1 408 476	2 909 633	4	5	
		1999..	33 977	676 166	29 756	57 463	526 954	1 415 345	1 438 368	2 814 828	3	4	
		1998..	34 144	665 104	30 414	58 546	528 116	1 409 816	1 508 145	2 940 612	3	3	
		1997..	35 008	633 033	31 075	59 526	502 229	1 399 470	1 515 244	2 903 535	X	X	

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
												A
315	Apparel mfg—Con.											
3151	Apparel knitting mills—Con.											
31519	Other apparel knitting mills .....	2000..	32 232	736 187	27 561	51 965	543 338	1 536 846	1 994 615	3 509 414	5	5
		1999..	35 198	747 096	30 479	58 028	559 926	1 571 114	2 036 276	3 573 129	4	5
		1998..	39 700	810 003	34 687	67 805	616 401	1 743 764	2 457 655	4 116 147	1	3
		1997..	47 095	950 190	41 099	79 382	731 314	2 433 642	2 584 766	5 038 560	X	X
315191	Outerwear knitting mills .....	2000..	28 250	640 983	24 101	45 197	474 039	1 263 364	1 693 663	2 917 640	5	6
		1999..	29 863	628 672	25 885	49 025	474 375	1 239 604	1 740 252	2 951 511	5	7
		1998..	33 371	689 038	29 292	57 801	525 586	1 303 245	2 090 898	3 335 215	2	4
		1997..	40 154	819 788	35 185	68 204	632 965	2 054 507	2 273 005	4 352 532	X	X
315192	Underwear & nightwear knitting mills .....	2000..	3 982	95 204	3 460	6 767	69 299	273 482	300 952	591 775	7	4
		1999..	5 335	118 423	4 595	9 004	85 551	331 510	296 025	621 618	5	3
		1998..	6 329	120 966	5 395	10 004	90 815	440 520	366 756	780 933	3	5
		1997..	6 941	130 402	5 914	11 178	98 349	379 135	311 761	686 028	X	X
3152	Cut & sew apparel mfg .....	2000..	393 536	7 595 026	312 944	556 245	4 801 254	22 299 739	26 023 358	48 021 399	3	2
		1999..	441 430	8 279 510	356 907	635 776	5 369 774	24 610 209	25 991 765	50 332 221	3	2
		1998..	506 413	9 090 275	420 215	756 028	6 283 598	25 325 705	26 191 060	51 574 061	1	1
		1997..	558 328	9 625 941	462 317	814 228	6 648 642	26 800 066	27 518 916	53 851 513	X	X
31521	Cut & sew apparel contractors .....	2000..	99 516	1 393 401	86 996	151 510	1 088 814	2 894 314	1 168 647	4 052 257	12	8
		1999..	117 481	1 594 579	103 388	182 428	1 282 911	3 362 736	1 290 664	4 703 729	9	8
		1998..	162 184	2 216 051	145 942	250 404	1 850 644	3 863 108	1 593 864	5 500 355	2	2
		1997..	197 863	2 572 447	177 519	295 376	2 130 859	4 439 438	1 117 706	5 536 959	X	X
315211	Men's & boys' cut & sew apparel contractors .....	2000..	31 590	473 782	28 227	48 224	379 749	960 644	394 427	1 346 815	8	7
		1999..	35 455	525 454	31 674	54 460	428 481	1 058 490	421 862	1 520 242	7	6
		1998..	42 371	641 769	38 544	69 567	544 133	1 222 592	628 820	1 885 306	6	3
		1997..	50 444	693 666	45 469	78 723	578 662	1 241 538	271 017	1 534 022	X	X
315212	Women's, girls', & infants' cut & sew apparel contractors .....	2000..	67 925	919 618	58 769	103 286	709 065	1 933 670	774 220	2 705 442	17	12
		1999..	82 026	1 069 125	71 714	127 968	854 430	2 304 246	868 801	3 183 487	12	11
		1998..	119 813	1 574 283	107 397	180 837	1 306 511	2 640 516	965 044	3 615 049	2	3
		1997..	147 419	1 878 781	132 050	216 653	1 552 197	3 197 900	846 689	4 002 937	X	X
31522	Men's & boys' cut & sew apparel mfg ..	2000..	126 084	2 435 022	104 776	190 361	1 727 192	8 398 275	8 729 596	17 193 381	3	2
		1999..	147 600	2 805 648	125 346	224 915	2 012 901	9 548 675	9 296 077	18 700 074	2	4
		1998..	164 738	2 964 379	140 817	259 894	2 232 658	10 103 077	9 958 749	20 155 646	1	2
		1997..	177 527	3 098 512	152 390	276 728	2 325 800	10 513 890	11 007 933	21 298 782	X	X
315221	Men's & boys' cut & sew underwear & nightwear mfg .....	2000..	5 434	122 949	4 782	9 348	94 125	877 628	1 039 846	1 858 055	12	3
		1999..	7 493	156 033	6 742	13 678	129 358	1 031 419	879 772	1 940 205	6	2
		1998..	7 037	117 742	6 277	11 361	96 834	422 608	322 779	740 717	2	3
		1997..	9 759	162 485	8 803	15 864	133 370	815 424	603 497	1 404 202	X	X
315222	Men's & boys' cut & sew suit, coat, & overcoat mfg .....	2000..	17 220	373 314	14 046	28 139	256 004	1 107 894	774 804	1 842 301	9	7
		1999..	19 550	415 344	16 138	31 949	292 565	1 190 066	759 056	1 870 408	4	18
		1998..	21 200	438 054	17 065	33 041	308 509	1 021 029	925 022	1 932 319	1	2
		1997..	21 948	460 838	17 750	33 325	321 771	1 110 598	1 020 622	2 082 863	X	X
315223	Men's & boys' cut & sew shirt (exc work shirt) mfg .....	2000..	30 150	592 267	24 152	40 420	381 238	1 499 471	2 481 949	4 127 568	5	4
		1999..	38 219	767 088	32 178	55 770	517 177	2 354 826	3 048 087	5 301 549	4	7
		1998..	44 314	828 628	37 205	68 984	597 619	3 131 749	3 525 353	6 627 416	2	2
		1997..	52 648	938 927	44 789	80 887	699 713	3 306 989	3 639 576	6 916 178	X	X
315224	Men's & boys' cut & sew trouser, slack, & jean mfg .....	2000..	37 684	726 790	32 149	58 613	542 847	3 383 561	2 633 247	6 059 085	7	3
		1999..	42 208	800 620	36 586	63 494	570 540	3 503 585	2 996 810	6 487 349	3	5
		1998..	46 456	853 348	41 592	78 090	691 739	3 811 490	3 330 653	7 159 099	2	1
		1997..	45 219	775 607	40 507	74 012	624 538	3 392 475	3 841 987	7 152 379	X	X
315225	Men's & boys' cut & sew work clothing mfg .....	2000..	19 042	318 843	16 273	28 262	230 130	894 216	1 039 344	1 908 841	4	9
		1999..	20 475	328 349	17 623	30 206	246 246	799 785	873 071	1 686 661	3	8
		1998..	22 429	333 682	19 328	33 187	254 928	825 304	874 151	1 833 106	3	19
		1997..	23 306	346 801	19 835	34 421	252 193	999 393	899 411	1 865 304	X	X
315228	Men's & boys' cut & sew other outerwear mfg .....	2000..	16 555	300 859	13 374	25 581	222 848	635 504	760 405	1 397 532	8	11
		1999..	19 655	338 214	16 080	29 817	257 015	668 994	739 281	1 413 901	5	9
		1998..	23 302	392 925	19 350	35 231	283 028	890 897	980 791	1 862 990	1	3
		1997..	24 647	413 854	20 706	38 219	294 215	889 011	1 002 840	1 877 856	X	X
31523	Women's & girls' cut & sew apparel mfg .....	2000..	147 438	3 336 078	105 210	186 475	1 731 064	10 016 586	15 157 780	24 802 163	4	3
		1999..	153 763	3 438 526	110 325	196 411	1 800 343	10 645 492	14 440 581	24 946 320	3	2
		1998..	155 940	3 469 291	115 028	213 011	1 921 704	10 186 665	13 550 514	23 730 876	1	1
		1997..	157 739	3 490 513	112 449	205 150	1 899 696	10 670 675	14 351 608	24 832 784	X	X
315231	Women's & girls' cut/sew lingerie & nightwear mfg .....	2000..	17 651	352 588	13 052	25 658	214 524	1 485 116	2 247 578	3 686 544	7	5
		1999..	20 348	386 253	15 209	27 206	229 830	1 872 102	2 167 008	4 071 666	6	5
		1998..	23 107	422 011	18 039	33 701	281 046	1 685 976	1 929 836	3 649 536	3	4
		1997..	26 081	451 917	20 491	39 144	306 652	1 705 803	2 138 835	3 910 357	X	X
315232	Women's & girls' cut & sew blouse & shirt mfg .....	2000..	32 015	709 572	21 505	37 446	332 103	1 682 866	2 965 483	4 465 109	10	6
		1999..	31 101	737 091	21 664	37 617	358 612	1 771 949	2 939 226	4 665 790	9	5
		1998..	29 170	708 420	20 767	36 002	347 543	1 907 379	2 630 333	4 471 507	3	1
		1997..	26 201	554 072	19 217	33 034	302 185	1 667 037	2 392 071	3 995 123	X	X
315233	Women's & girls' cut & sew dress mfg .....	2000..	29 960	750 608	18 594	33 574	334 396	2 027 968	3 217 671	5 262 324	9	8
		1999..	28 802	757 626	17 500	32 215	342 851	2 200 738	3 177 410	5 378 003	8	8
		1998..	29 158	762 834	19 258	36 730	381 718	1 899 916	2 811 284	4 719 308	3	2
		1997..	28 280	711 042	17 618	31 231	348 008	2 011 924	3 058 502	5 009 262	X	X
315234	Women's & girls' cut & sew suit, coat, skirt mfg .....	2000..	10 700	314 136	7 559	14 317	128 909	741 288	1 046 700	1 790 227	18	15
		1999..	12 930	355 958	8 646	16 256	149 263	810 374	1 368 596	2 166 907	14	12
		1998..	18 087	476 755	11 818	20 447	226 021	1 373 943	2 014 230	3 446 738	2	2
		1997..	20 324	528 734	12 946	23 190	246 832	1 656 257	2 182 131	3 759		

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F									
												A	B	C	D	E	F	G	H	A
315	Apparel mfg—Con.																			
3152	Cut & sew apparel mfg—Con.																			
31523	Women's & girls' cut & sew apparel mfg—Con.																			
315239	Women's & girls' cut & sew other outerwear mfg .....	2000..	57 114	1 209 174	44 500	75 480	721 132	4 079 349	5 680 348	9 597 959	6	4								
		1999..	60 582	1 201 599	47 305	83 117	719 787	3 990 329	4 788 341	8 663 953	5	3								
		1998..	56 419	1 099 272	45 146	86 132	685 376	3 319 451	4 164 831	7 443 787	1	2								
		1997..	56 853	1 244 748	42 177	78 551	696 019	3 629 654	4 580 069	8 158 792	X	X								
31529	Other cut & sew apparel mfg .....	2000..	20 497	430 525	15 962	27 898	254 184	990 564	967 335	1 973 597	5	3								
		1999..	22 586	440 757	17 848	32 023	273 618	1 053 305	964 443	1 982 098	4	5								
		1998..	23 551	440 554	18 429	32 718	278 592	1 172 855	1 087 933	2 187 183	2	10								
		1997..	25 199	464 469	19 959	36 974	292 287	1 176 063	1 041 669	2 182 988	X	X								
315291	Infants' cut & sew apparel mfg .....	2000..	4 666	100 817	3 045	5 653	53 893	307 175	388 041	718 959	9	6								
		1999..	6 571	116 655	4 918	9 862	82 265	435 090	419 891	824 883	7	11								
		1998..	8 903	162 152	6 911	12 982	105 118	468 852	524 446	1 019 464	1	14								
		1997..	9 457	152 721	7 879	15 425	112 899	487 099	457 862	945 119	X	X								
315292	Fur & leather apparel mfg .....	2000..	2 770	63 471	2 318	4 263	38 078	140 199	174 114	311 189	19	12								
		1999..	2 770	58 571	2 163	4 014	32 525	124 543	135 078	258 678	22	9								
		1998..	1 710	41 380	1 274	2 608	23 957	102 679	115 250	217 475	17	10								
		1997..	2 132	45 928	1 606	2 977	27 345	115 965	129 663	244 687	X	X								
315299	All other cut & sew apparel mfg .....	2000..	13 061	266 237	10 599	17 983	162 223	543 189	405 180	943 449	5	4								
		1999..	13 232	265 531	10 766	18 147	158 828	493 673	409 474	898 537	3	3								
		1998..	12 937	237 022	10 244	17 129	149 517	601 324	448 236	950 244	3	16								
		1997..	13 610	265 820	10 474	18 572	152 043	572 999	454 144	993 182	X	X								
3159	Apparel accessories & other apparel mfg .....	2000..	53 441	1 089 763	42 602	76 229	677 330	2 312 963	2 310 844	4 588 960	3	4								
		1999..	52 499	1 051 526	41 715	76 947	657 733	2 205 308	2 119 524	4 303 725	3	3								
		1998..	53 411	1 045 802	42 742	79 019	658 936	2 565 777	2 287 205	4 832 201	1	2								
		1997..	52 567	1 023 298	41 930	75 666	639 320	2 349 571	2 219 141	4 566 034	X	X								
31599	Apparel accessories & other apparel mfg .....	2000..	53 441	1 089 763	42 602	76 229	677 330	2 312 963	2 310 844	4 588 960	3	4								
		1999..	52 499	1 051 526	41 715	76 947	657 733	2 205 308	2 119 524	4 303 725	3	3								
		1998..	53 411	1 045 802	42 742	79 019	658 936	2 565 777	2 287 205	4 832 201	1	2								
		1997..	52 567	1 023 298	41 930	75 666	639 320	2 349 571	2 219 141	4 566 034	X	X								
315991	Hat, cap, & millinery mfg .....	2000..	16 263	314 917	13 713	24 779	219 067	696 618	399 852	1 081 015	8	7								
		1999..	16 682	318 283	14 133	25 918	224 930	636 573	375 504	1 007 016	7	7								
		1998..	16 827	304 897	13 720	25 531	219 665	652 724	383 309	1 038 100	3	7								
		1997..	17 237	303 495	14 090	25 539	214 402	570 346	404 686	980 704	X	X								
315992	Glove & mitten mfg .....	2000..	5 068	101 097	4 148	8 425	70 165	181 547	276 276	454 614	10	6								
		1999..	5 396	101 879	4 419	9 173	70 627	198 446	273 326	469 963	9	5								
		1998..	6 223	116 348	5 223	10 873	78 307	408 754	321 735	725 993	2	6								
		1997..	6 412	119 679	5 308	9 837	79 297	337 930	325 609	672 639	X	X								
315993	Men's & boys' neckwear mfg .....	2000..	3 969	90 261	3 209	5 910	53 128	227 367	229 256	457 082	7	8								
		1999..	4 426	110 794	3 408	6 751	59 108	226 348	234 566	472 642	6	9								
		1998..	4 985	123 696	3 823	6 753	63 193	337 683	278 382	607 191	1	4								
		1997..	4 936	117 274	3 820	6 883	61 907	330 533	270 002	598 457	X	X								
315999	Other apparel accessories & other apparel mfg .....	2000..	28 142	583 488	21 533	37 115	334 970	1 207 431	1 405 461	2 596 249	3	7								
		1999..	25 994	520 569	19 756	35 105	303 069	1 143 941	1 236 126	2 354 104	3	3								
		1998..	25 375	500 861	19 975	35 862	297 772	1 166 616	1 303 779	2 460 918	1	2								
		1997..	23 982	482 850	18 712	33 407	283 714	1 110 762	1 208 844	2 314 234	X	X								
316	Leather & allied product mfg .....	2000..	69 356	1 656 012	55 458	106 183	1 063 440	4 509 964	5 117 266	9 609 588	2	3								
		1999..	73 784	1 766 449	59 543	117 377	1 147 028	4 562 843	5 110 191	9 652 897	1	2								
		1998..	80 933	1 823 228	65 322	128 982	1 176 611	5 015 800	5 217 653	10 185 821	1	3								
		1997..	85 115	1 832 341	68 733	133 908	1 185 870	5 407 999	5 480 529	10 876 510	X	X								
3161	Leather & hide tanning & finishing .....	2000..	15 214	441 536	12 256	24 184	319 706	1 215 593	1 958 508	3 161 379	6	4								
		1999..	15 070	453 590	12 343	25 971	331 474	1 140 454	1 993 861	3 155 837	2	3								
		1998..	15 366	430 148	12 893	26 396	316 248	1 287 402	2 029 394	3 310 066	1	2								
		1997..	14 898	408 772	12 348	24 867	303 177	1 372 896	2 192 848	3 576 657	X	X								
31611	Leather & hide tanning & finishing .....	2000..	15 214	441 536	12 256	24 184	319 706	1 215 593	1 958 508	3 161 379	6	4								
		1999..	15 070	453 590	12 343	25 971	331 474	1 140 454	1 993 861	3 155 837	2	3								
		1998..	15 366	430 148	12 893	26 396	316 248	1 287 402	2 029 394	3 310 066	1	2								
		1997..	14 898	408 772	12 348	24 867	303 177	1 372 896	2 192 848	3 576 657	X	X								
316110	Leather & hide tanning & finishing .....	2000..	15 214	441 536	12 256	24 184	319 706	1 215 593	1 958 508	3 161 379	6	4								
		1999..	15 070	453 590	12 343	25 971	331 474	1 140 454	1 993 861	3 155 837	2	3								
		1998..	15 366	430 148	12 893	26 396	316 248	1 287 402	2 029 394	3 310 066	1	2								
		1997..	14 898	408 772	12 348	24 867	303 177	1 372 896	2 192 848	3 576 657	X	X								
3162	Footwear mfg .....	2000..	30 521	695 621	24 870	47 423	444													

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
316	Leather & allied product mfg—Con.										
3162	Footwear mfg—Con.										
31621	Footwear mfg—Con.										
316214	Women's footwear (except athletic) mfg .....	2000.. 6 114	137 426	5 217	9 733	82 947	192 846	185 678	373 826	4	6
		1999.. 7 417	160 214	6 329	12 211	102 353	289 979	232 505	515 637	2	3
		1998.. 9 370	179 913	8 089	15 721	122 819	285 439	199 932	506 415	1	32
		1997.. 10 442	183 020	8 905	16 988	114 011	373 803	322 851	703 653	X	X
316219	Other footwear mfg .....	2000.. 2 047	42 326	1 754	3 325	29 716	76 964	63 682	138 644	10	16
		1999.. 2 893	57 297	2 477	4 890	41 573	96 068	84 226	181 145	3	9
		1998.. 2 778	50 080	2 301	4 408	34 451	130 940	77 925	200 982	12	14
		1997.. 3 327	57 019	2 826	5 182	41 707	112 481	97 295	214 021	X	X
3169	Other leather & allied product mfg .....	2000.. 23 621	518 856	18 332	34 576	299 288	1 586 159	1 115 153	2 683 266	3	2
		1999.. 24 168	548 933	18 834	36 004	313 104	1 530 140	1 148 497	2 699 875	3	2
		1998.. 28 004	609 817	21 520	42 745	349 445	1 892 559	1 274 742	3 111 795	1	1
		1997.. 28 473	596 043	21 716	42 334	340 450	1 815 596	1 269 131	3 088 878	X	X
31699	Other leather & allied product mfg .....	2000.. 23 621	518 856	18 332	34 576	299 288	1 586 159	1 115 153	2 683 266	3	2
		1999.. 24 168	548 933	18 834	36 004	313 104	1 530 140	1 148 497	2 699 875	3	2
		1998.. 28 004	609 817	21 520	42 745	349 445	1 892 559	1 274 742	3 111 795	1	1
		1997.. 28 473	596 043	21 716	42 334	340 450	1 815 596	1 269 131	3 088 878	X	X
316991	Luggage mfg .....	2000.. 8 195	188 938	6 474	12 617	108 672	810 544	478 344	1 288 303	6	2
		1999.. 8 944	214 526	6 975	13 630	119 314	789 836	549 321	1 347 141	4	2
		1998.. 9 275	213 438	6 747	13 203	111 898	952 545	561 333	1 463 608	3	1
		1997.. 9 550	219 951	6 958	13 571	115 006	858 991	568 128	1 425 871	X	X
316992	Women's handbag & purse mfg .....	2000.. 2 302	64 664	1 642	2 797	28 414	143 095	107 384	246 858	3	3
		1999.. 2 623	68 863	1 887	3 610	31 667	132 432	94 356	225 851	3	4
		1998.. 3 651	80 588	2 732	5 143	45 680	162 349	95 761	258 412	4	7
		1997.. 3 492	78 998	2 726	5 380	46 073	162 276	126 201	287 341	X	X
316993	Personal leather good (except women's handbag & purse) mfg .....	2000.. 4 600	95 955	3 697	7 046	59 632	197 860	160 037	354 734	4	3
		1999.. 4 557	93 245	3 613	7 007	57 006	197 312	149 119	345 598	5	4
		1998.. 4 957	110 742	3 856	8 110	63 633	240 756	166 238	408 764	2	2
		1997.. 5 215	109 840	3 837	7 722	57 729	279 219	182 618	465 206	X	X
316999	All other leather good mfg .....	2000.. 8 524	169 299	6 520	12 116	102 570	434 660	369 388	793 372	7	7
		1999.. 8 043	172 299	6 360	11 756	105 116	410 560	355 701	781 285	6	5
		1998.. 10 121	205 049	8 186	16 289	128 234	536 909	451 409	981 010	3	2
		1997.. 10 216	187 254	8 195	15 661	121 642	515 110	392 184	910 460	X	X
321	Wood product mfg .....	2000.. 585 035	16 135 745	486 720	963 531	11 735 605	36 093 437	57 942 357	93 767 402	1	1
		1999.. 588 609	15 988 598	491 408	991 559	11 723 734	37 957 368	59 769 153	97 311 543	1	1
		1998.. 577 900	15 112 611	483 813	976 860	11 123 453	34 469 465	56 621 634	91 174 529	1	1
		1997.. 570 034	14 319 193	476 225	948 438	10 567 993	33 493 004	55 299 641	88 470 180	X	X
3211	Sawmills & wood preservation .....	2000.. 128 517	3 648 017	109 347	228 001	2 816 221	8 339 896	19 946 959	28 124 176	2	2
		1999.. 130 222	3 632 196	111 018	233 907	2 827 131	9 347 471	20 599 360	29 851 613	2	2
		1998.. 128 128	3 476 001	109 541	230 825	2 734 106	8 098 078	19 604 198	27 908 665	1	2
		1997.. 130 935	3 478 548	111 962	230 740	2 717 104	9 481 550	19 789 802	29 093 601	X	X
32111	Sawmills & wood preservation .....	2000.. 128 517	3 648 017	109 347	228 001	2 816 221	8 339 896	19 946 959	28 124 176	2	2
		1999.. 130 222	3 632 196	111 018	233 907	2 827 131	9 347 471	20 599 360	29 851 613	2	2
		1998.. 128 128	3 476 001	109 541	230 825	2 734 106	8 098 078	19 604 198	27 908 665	1	2
		1997.. 130 935	3 478 548	111 962	230 740	2 717 104	9 481 550	19 789 802	29 093 601	X	X
321113	Sawmills .....	2000.. 116 904	3 332 504	100 151	208 816	2 614 140	7 478 479	16 096 136	23 423 946	2	3
		1999.. 118 012	3 310 220	101 236	214 178	2 617 419	8 428 341	16 697 614	25 061 265	2	2
		1998.. 116 304	3 177 159	100 317	212 689	2 544 978	7 305 584	15 961 441	23 422 483	1	2
		1997.. 119 267	3 180 425	102 788	212 176	2 527 290	8 521 097	16 227 066	24 632 080	X	X
321114	Wood preservation .....	2000.. 11 613	315 513	9 196	19 185	202 081	861 417	3 850 823	4 700 230	2	7
		1999.. 12 210	321 976	9 782	19 729	209 712	919 130	3 901 745	4 790 348	2	2
		1998.. 11 823	298 841	9 224	18 136	189 128	792 494	3 642 757	4 486 182	2	8
		1997.. 11 668	298 123	9 174	18 564	189 814	960 453	3 562 736	4 461 521	X	X
3212	Veneer, plywood, & engineered wood product mfg .....	2000.. 120 163	3 659 812	99 714	213 843	2 687 568	8 474 077	12 841 681	21 269 331	1	1
		1999.. 115 701	3 458 044	96 639	208 091	2 575 618	8 988 146	12 890 072	21 800 921	1	1
		1998.. 112 532	3 310 807	93 814	203 602	2 440 335	7 937 109	12 190 284	20 125 786	1	1
		1997.. 113 085	3 155 921	94 202	200 835	2 350 065	7 208 798	11 673 718	18 815 394	X	X
32121	Veneer, plywood, & engineered wood product mfg .....	2000.. 120 163	3 659 812	99 714	213 843	2 687 568	8 474 077	12 841 681	21 269 331	1	1
		1999.. 115 701	3 458 044	96 639	208 091	2 575 618	8 988 146	12 890 072	21 800 921	1	1
		1998.. 112 532	3 310 807	93 814	203 602	2 440 335	7 937 109	12 190 284	20 125 786	1	1
		1997.. 113 085	3 155 921	94 202	200 835	2 350 065	7 208 798	11 673 718	18 815 394	X	X
321211	Hardwood veneer & plywood mfg .....	2000.. 23 768	617 121	20 644	41 502	462 310	1 331 450	2 043 399	3 341 491	3	3
		1999.. 21 968	556 315	19 084	38 534	422 697	1 214 277	1 856 701	3 065 531	2	3
		1998.. 21 236	550 599	18 596	38 780	407 946	1 158 372	1 832 338	2 963 272	3	2
		1997.. 22 029	523 831	19 220	39 449	389 234	1 121 661	1 751 522	2 861 556	X	X
321212	Softwood veneer & plywood mfg .....	2000.. 27 573	911 219	24 897	55 996	789 444	1 625 693	3 871 526	5 483 594	1	1
		1999.. 25 793	861 335	23 486	54 128	750 284	1 979 417	4 025 046	5 969 294	1	1
		1998.. 26 219	859 116	23 828	54 298	741 355	1 688 956	3 950 952	5 679 357	3	2
		1997.. 28 435	895 756	25 747	59 494	776 233	1 713 341	3 950 877	5 658 347	X	X
321213	Engineered wood member (except truss) mfg .....	2000.. 5 709	185 192	4 844	10 925	141 393	495 571	1 165 735	1 690 861	5	4
		1999.. 5 884	192 765	5 049	11 699	150 127	537 359	1 243 101	1 766 770	5	4
		1998.. 5 811	173 489	4 869	10 887	132 829	560 184	1 066 818	1 620 870	1	2
		1997.. 5 372	154 564	4 469	9 701	118 939	476 346	974 548	1 431 123	X	X
321214	Truss mfg .....	2000.. 38 595	1 083 406	29 270	60 753	653 618	2 090 160	2 458 102	4 545 457	3	3
		1999.. 37 649	1 009 567	28 856	58 293	619 031	2 009 518	2 490 744	4 485 761	2	2
		1998.. 34 661	920 735	26 401	55 144	555 877	1 874 948	2 228 310	4 091 568	3	3
		1997.. 32 069	784 839	24 266	47 270	470 967	1 584 826	2 032 748	3 610 943	X	X
321219	Reconstituted wood product mfg .....	2000.. 24 517	862 874	20 059	44 667	640 803	2 931 204	3 302 919	6 207 928	1	2
		1999.. 24 408	838 062	20 164	45 437	633 479	3 247 575	3 274 480	6 513 565	1	2
		1998.. 24 605	806 868	20 120	44 493	602 328	2 654 649	3 111 866	5 770 720	1	1
		1997.. 25 180	796 93								

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
321	Wood product mfg—Con.										
3219	Other wood product mfg . . . . .	2000.. 336 356	8 827 917	277 658	521 686	6 231 816	19 279 463	25 153 717	44 373 895	2	1
		1999.. 342 686	8 898 358	283 751	549 561	6 320 985	19 621 751	26 279 721	45 659 010	1	1
		1998.. 337 240	8 325 804	280 459	542 433	5 949 012	18 434 277	24 827 152	43 140 077	1	1
		1997.. 326 014	7 684 724	270 061	516 863	5 500 824	16 802 656	23 836 121	40 561 185	X	X
32191	Millwork . . . . .	2000.. 151 648	4 227 762	126 106	243 899	3 065 407	9 464 973	13 438 672	22 802 107	4	2
		1999.. 151 659	4 101 319	125 346	249 207	2 965 317	8 919 407	13 149 766	21 958 237	2	2
		1998.. 145 125	3 696 253	120 935	237 042	2 710 555	8 104 354	11 918 501	19 985 354	1	1
		1997.. 140 506	3 434 757	116 828	229 267	2 528 265	7 463 664	11 631 811	19 040 942	X	X
321911	Wood window & door mfg . . . . .	2000.. 68 305	2 133 736	55 607	106 050	1 512 660	5 093 135	6 141 887	11 189 194	9	3
		1999.. 69 473	2 107 860	55 567	110 841	1 481 146	4 605 320	5 780 674	10 309 993	4	3
		1998.. 66 817	1 877 279	54 379	104 640	1 344 759	4 125 803	5 245 125	9 359 956	2	2
		1997.. 63 806	1 702 872	51 706	102 542	1 229 286	3 687 713	4 970 743	8 673 423	X	X
321912	Cut stock, resawing lumber, & planing . . . . .	2000.. 41 803	1 029 994	35 873	71 141	782 869	2 105 358	4 413 959	6 494 834	3	3
		1999.. 41 561	989 376	35 799	70 600	753 042	2 118 239	4 445 850	6 542 853	2	3
		1998.. 39 744	918 608	34 370	68 048	700 496	2 049 668	3 960 323	5 992 911	2	4
		1997.. 39 205	878 081	33 921	66 395	675 578	1 940 712	4 010 533	5 925 115	X	X
321918	Other millwork (including flooring) . . . . .	2000.. 41 540	1 064 032	34 626	66 708	769 878	2 266 480	2 882 826	5 118 078	2	4
		1999.. 40 626	1 004 083	33 980	67 765	731 129	2 195 848	2 923 243	5 105 390	2	4
		1998.. 38 564	900 366	32 186	64 354	665 299	1 928 883	2 713 053	4 632 487	1	1
		1997.. 37 495	853 804	31 201	60 330	623 401	1 835 239	2 650 535	4 442 404	X	X
32192	Wood container & pallet mfg . . . . .	2000.. 51 311	1 122 605	43 817	81 375	792 396	2 302 320	2 754 356	5 059 831	5	3
		1999.. 49 899	1 062 422	42 688	81 126	755 433	2 193 307	2 694 299	4 868 008	3	2
		1998.. 52 564	1 033 297	44 478	84 204	735 086	2 122 924	2 585 336	4 684 805	2	1
		1997.. 51 173	971 865	43 071	79 058	689 861	1 999 828	2 495 045	4 489 070	X	X
321920	Wood container & pallet mfg . . . . .	2000.. 51 311	1 122 605	43 817	81 375	792 396	2 302 320	2 754 356	5 059 831	5	3
		1999.. 49 899	1 062 422	42 688	81 126	755 433	2 193 307	2 694 299	4 868 008	3	2
		1998.. 52 564	1 033 297	44 478	84 204	735 086	2 122 924	2 585 336	4 684 805	2	1
		1997.. 51 173	971 865	43 071	79 058	689 861	1 999 828	2 495 045	4 489 070	X	X
32199	All other wood product mfg . . . . .	2000.. 133 398	3 477 549	107 736	196 413	2 374 013	7 512 170	8 960 688	16 511 957	1	2
		1999.. 141 129	3 734 616	115 717	219 228	2 600 234	8 509 036	10 435 655	18 832 765	1	1
		1998.. 139 551	3 596 254	115 046	221 188	2 503 372	8 207 000	10 323 315	18 469 918	1	1
		1997.. 134 335	3 278 102	110 162	208 538	2 282 698	7 339 164	9 709 265	17 031 173	X	X
321991	Manufactured home (mobile home) mfg . . . . .	2000.. 62 104	1 679 914	51 470	93 965	1 188 151	3 504 548	4 926 675	8 476 499	2	2
		1999.. 71 747	1 995 956	60 659	116 437	1 438 236	4 560 503	6 360 698	10 873 747	2	2
		1998.. 71 424	2 005 262	60 546	117 082	1 423 123	4 530 977	6 528 377	11 037 598	2	1
		1997.. 67 470	1 771 302	57 000	108 090	1 270 023	4 009 319	6 081 981	10 085 615	X	X
321992	Prefabricated wood building mfg . . . . .	2000.. 26 363	748 492	19 351	37 052	446 032	1 585 802	2 003 890	3 583 823	3	3
		1999.. 25 612	704 775	18 895	36 763	422 995	1 565 367	2 019 571	3 569 713	2	3
		1998.. 23 579	624 900	17 289	34 343	376 828	1 468 342	1 841 983	3 296 201	3	3
		1997.. 23 187	592 344	16 790	32 723	348 024	1 274 863	1 752 312	3 028 520	X	X
321999	All other miscellaneous wood product mfg . . . . .	2000.. 44 931	1 049 143	36 915	65 396	739 829	2 421 819	2 030 123	4 451 635	3	3
		1999.. 43 769	1 033 885	36 164	66 029	739 003	2 383 167	2 055 386	4 389 304	2	3
		1998.. 44 548	966 092	37 211	69 763	703 421	2 207 681	1 952 955	4 136 119	1	2
		1997.. 43 678	914 456	36 372	67 725	664 651	2 054 982	1 874 972	3 917 038	X	X
322	Paper mfg . . . . .	2000.. 551 560	22 818 930	427 382	899 435	15 537 882	78 166 279	88 182 478	166 099 108	1	1
		1999.. 560 662	22 837 400	431 772	921 344	15 624 488	74 119 124	82 720 923	156 914 871	1	1
		1998.. 572 371	22 529 483	439 133	929 325	15 387 457	72 879 006	82 419 356	154 984 192	1	1
		1997.. 574 274	22 311 971	440 096	935 795	15 187 973	70 300 235	80 189 518	150 295 890	X	X
3221	Pulp, paper, & paperboard mills . . . . .	2000.. 181 917	9 569 676	143 143	305 440	7 028 508	40 734 742	37 941 427	78 515 272	1	1
		1999.. 187 518	9 759 270	146 566	315 539	7 176 889	37 387 672	35 990 888	73 566 671	1	1
		1998.. 195 053	9 785 963	151 957	327 749	7 099 990	36 326 513	35 861 026	71 977 971	1	1
		1997.. 201 540	10 001 730	156 546	342 376	7 216 702	35 230 199	36 334 352	71 539 224	X	X
32211	Pulp mills . . . . .	2000.. 7 337	411 307	5 671	11 888	291 224	1 827 072	1 902 416	3 701 423	2	2
		1999.. 7 311	389 985	5 561	11 703	274 689	1 442 824	1 634 547	3 113 531	1	1
		1998.. 7 433	397 165	5 686	12 443	279 161	1 403 944	1 724 924	3 130 246	1	3
		1997.. 8 048	417 689	6 084	12 915	295 393	1 507 468	1 694 648	3 263 973	X	X
322110	Pulp mills . . . . .	2000.. 7 337	411 307	5 671	11 888	291 224	1 827 072	1 902 416	3 701 423	2	2
		1999.. 7 311	389 985	5 561	11 703	274 689	1 442 824	1 634 547	3 113 531	1	1
		1998.. 7 433	397 165	5 686	12 443	279 161	1 403 944	1 724 924	3 130 246	1	3
		1997.. 8 048	417 689	6 084	12 915	295 393	1 507 468	1 694 648	3 263 973	X	X
32212	Paper mills . . . . .	2000.. 123 663	6 463 416	98 136	207 264	4 807 083	26 993 764	24 519 956	51 444 601	1	1
		1999.. 129 011	6 688 680	101 575	217 819	4 988 114	25 515 627	23 527 689	49 150 478	1	1
		1998.. 133 939	6 675 971	104 985	225 101	4 889 866	24 812 488	23 297 522	47 905 244	1	1
		1997.. 138 985	6 915 579	108 622	236 354	5 007 106	24 681 603	23 540 735	48 161 554	X	X
322121	Paper (except newsprint) mills . . . . .	2000.. 113 346	5 861 222	90 092	189 538	4 367 682	24 754 657	22 083 034	46 759 925	1	1
		1999.. 117 721	6 062 652	92 819	199 148	4 526 150	23 400 146	21 231 531	44 728 354	1	1
		1998.. 121 298	5 973 936	95 227	203 926	4 374 292	21 859 582	20 609 399	42 254 842	1	1
		1997.. 125 935	6 197 015	98 577	214 510	4 483 213	22 128 898	20 914 676	42 966 163	X	X
322122	Newsprint mills . . . . .	2000.. 10 317	602 195	8 045	17 726	439 400	2 239 107	2 436 922	4 684 676	1	2
		1999.. 11 291	626 027	8 756	18 670	461 964	2 115 481	2 296 158	4 422 124	1	2
		1998.. 12 641	702 035	9 758	21 175	515 573	2 952 906	2 688 123	5 650 402	1	2
		1997.. 13 050	718 564	10 045	21 844	523 893	2 552 705	2 626 059	5 195 391	X	X
32213	Paperboard mills . . . . .	2000.. 50 918	2 694 952	39 336	86 288	1 930 201	11 913 907	11 519 055	23 369 248	1	1
		1999.. 51 196	2 680 605	39 430	86 017	1 914 086	10 429 221	10 828 652	21 302 662	1	1
		1998.. 53 681	2 712 826	41 286	90 205	1 930 963	10 110 081	10 838 580	20 942 481	1	1
		1997.. 54 507	2 668 462	41 840	93 107	1 914 203	9 041 128	11 098 969	20 113 697	X	X
322130	Paperboard mills . . . . .	2000.. 50 918	2 694 952	39 336	86 288	1 930 201	11 913 907	11 519 055	23 369 248	1	1
		1999.. 51 196	2 680 605	39 430	86 017	1 914 086					

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
322	Paper mfg—Con.										
3222	Converted paper product mfg	2000.. 369 642	13 249 255	284 239	593 995	8 509 374	37 431 537	50 241 051	87 583 836	1	1
		1999.. 373 144	13 078 130	285 207	605 805	8 447 599	36 731 453	46 730 035	83 348 199	1	1
		1998.. 377 317	12 743 521	287 176	601 577	8 287 467	36 552 493	46 558 330	83 006 221	1	1
		1997.. 372 734	12 310 241	283 550	593 419	7 971 271	35 070 036	43 855 166	78 756 666	X	X
32221	Paperboard container mfg	2000.. 212 537	7 669 379	164 116	343 145	4 924 001	18 382 745	29 748 370	48 047 924	1	1
		1999.. 211 488	7 530 283	162 145	345 260	4 831 991	17 326 708	26 975 497	44 192 991	1	1
		1998.. 211 799	7 251 137	161 701	338 573	4 686 776	17 009 113	26 496 456	43 413 764	1	2
		1997.. 207 346	6 939 598	158 183	332 734	4 459 052	16 169 581	23 837 340	39 973 012	X	X
322211	Corrugated & solid fiber box mfg	2000.. 134 521	4 917 573	99 616	207 813	2 950 779	11 605 735	21 622 479	33 142 024	1	2
		1999.. 132 517	4 799 280	97 276	206 589	2 893 637	10 861 383	18 864 009	29 617 530	1	1
		1998.. 129 387	4 475 762	94 936	199 595	2 735 247	10 245 283	18 077 144	28 292 507	1	2
		1997.. 124 641	4 260 630	91 401	190 936	2 576 043	9 627 993	15 950 040	25 555 136	X	X
322212	Folding paperboard box mfg	2000.. 47 063	1 798 820	38 135	81 333	1 241 400	4 218 882	4 783 285	8 997 457	2	2
		1999.. 47 584	1 759 206	38 480	83 656	1 210 841	4 017 143	4 691 093	8 701 477	1	1
		1998.. 50 798	1 794 138	40 637	85 131	1 235 569	4 154 589	5 045 175	9 223 520	2	1
		1997.. 50 465	1 745 178	40 114	87 845	1 195 314	4 118 767	4 802 008	8 929 351	X	X
322213	Setup paperboard box mfg	2000.. 5 688	147 817	4 717	9 032	98 623	262 652	217 440	481 952	12	7
		1999.. 5 345	135 096	4 372	8 186	85 612	252 114	181 004	438 067	4	4
		1998.. S	S	S	S	S	S	S	S	X	X
		1997.. 6 033	142 263	4 810	9 333	90 006	299 516	216 728	512 314	X	X
322214	Fiber can, tube, drum, & similar products mfg	2000.. 11 378	381 291	9 614	20 859	287 186	1 072 558	1 402 597	2 471 807	3	4
		1999.. 11 787	403 757	9 642	21 666	291 886	1 047 798	1 422 026	2 461 983	2	3
		1998.. 11 311	376 801	9 433	19 784	270 390	1 011 667	1 389 465	2 394 271	2	2
		1997.. 11 498	355 517	9 481	19 292	261 515	952 629	1 352 153	2 305 281	X	X
322215	Nonfolding sanitary food container mfg	2000.. 13 896	423 877	12 034	24 109	346 012	1 222 918	1 722 569	2 954 685	2	3
		1999.. 14 254	432 943	12 375	25 163	350 014	1 148 270	1 817 365	2 973 934	2	2
		1998.. 14 701	447 284	12 609	25 449	342 269	1 295 812	1 657 824	2 960 066	1	10
		1997.. 14 709	436 010	12 377	25 328	336 174	1 170 676	1 516 411	2 670 930	X	X
32222	Paper bag & coated & treated paper mfg	2000.. 70 614	2 678 470	52 626	110 890	1 670 932	8 952 796	10 365 268	19 369 522	1	1
		1999.. 72 312	2 706 515	53 886	115 648	1 714 417	8 684 563	10 448 702	19 138 068	1	1
		1998.. 75 290	2 699 017	55 702	118 189	1 712 526	8 712 284	10 585 389	19 267 102	1	1
		1997.. 75 370	2 624 531	55 717	119 916	1 660 845	8 708 660	10 696 858	19 367 269	X	X
322221	Coated & laminated packaging paper & plastics film mfg	2000.. 5 897	215 348	4 680	10 103	141 758	570 808	1 007 040	1 579 518	9	7
		1999.. 5 864	205 744	4 664	9 879	138 683	571 934	1 018 260	1 590 998	6	5
		1998.. 4 974	175 342	3 812	7 688	113 858	545 060	903 880	1 448 953	8	7
		1997.. 5 385	183 786	4 171	9 112	123 403	541 684	956 326	1 491 170	X	X
322222	Coated & laminated paper mfg	2000.. 38 824	1 582 849	26 867	56 214	915 254	6 156 056	5 924 292	12 116 322	2	1
		1999.. 40 101	1 601 254	27 802	58 621	939 299	5 768 165	6 108 494	11 901 288	1	1
		1998.. 41 548	1 584 975	28 756	60 844	938 456	5 774 573	5 916 703	11 665 467	1	1
		1997.. 41 550	1 552 642	28 611	61 493	918 343	5 843 950	6 011 082	11 845 958	X	X
322223	Plastics, foil, & coated paper bag mfg	2000.. 2 389	81 362	1 748	3 615	48 529	192 431	223 702	421 626	2	7
		1999.. 2 626	88 085	1 911	4 184	53 759	226 275	235 863	462 088	1	5
		1998.. 3 129	96 131	2 252	4 574	60 414	247 819	257 560	509 073	2	3
		1997.. 2 991	94 810	2 147	4 345	55 454	240 445	254 889	493 924	X	X
322224	Uncoated paper & multiwall bag mfg	2000.. 15 766	482 702	13 487	28 430	357 052	1 169 369	1 685 818	2 855 476	2	2
		1999.. 15 878	482 804	13 576	29 439	366 381	1 174 119	1 634 638	2 797 784	2	1
		1998.. 17 119	490 330	14 524	31 079	364 535	1 138 977	1 741 414	2 880 157	2	2
		1997.. 16 808	461 405	14 199	30 322	345 294	1 124 247	1 679 126	2 794 934	X	X
322225	Laminated aluminum foil mfg for flexible packaging uses	2000.. 4 504	205 281	3 468	7 510	141 077	557 909	867 661	1 433 422	4	2
		1999.. 4 751	210 317	3 620	8 173	148 159	573 354	868 025	1 432 514	1	1
		1998.. 5 241	228 700	3 869	8 441	161 911	651 942	1 002 496	1 651 809	1	6
		1997.. 5 342	205 766	4 112	9 111	142 801	603 535	996 431	1 587 850	X	X
322226	Surface-coated paperboard mfg	2000.. 3 234	110 929	2 375	5 018	67 262	306 222	656 754	963 159	1	2
		1999.. 3 092	118 311	2 312	5 352	68 136	370 716	583 422	953 395	1	3
		1998.. 3 280	123 539	2 490	5 564	73 351	353 915	763 336	1 111 644	1	2
		1997.. 3 294	126 122	2 477	5 533	75 550	354 799	799 004	1 153 433	X	X
32223	Stationery product mfg	2000.. 46 831	1 498 748	36 119	75 199	981 713	3 490 147	4 678 214	8 133 150	3	2
		1999.. 47 881	1 445 464	36 469	76 160	955 685	3 589 977	4 259 194	7 834 341	2	2
		1998.. 48 245	1 388 770	36 679	74 586	918 794	3 600 134	4 235 444	7 839 216	1	2
		1997.. 47 750	1 375 317	36 136	72 964	903 722	3 736 501	4 130 901	7 734 912	X	X
322231	Die-cut paper & paperboard office supplies mfg	2000.. 13 352	399 614	10 292	22 225	245 143	916 162	1 452 754	2 361 616	8	6
		1999.. 13 859	386 228	10 800	22 978	252 714	1 026 566	1 238 922	2 251 833	5	5
		1998.. 13 194	347 777	10 286	21 677	232 122	1 088 040	1 249 891	2 339 666	2	4
		1997.. 12 552	337 559	9 813	19 921	223 444	992 306	1 150 628	2 105 012	X	X
322232	Envelope mfg	2000.. 25 208	852 700	19 887	41 282	589 054	1 644 352	2 120 191	3 773 613	2	2
		1999.. 25 428	812 952	19 421	40 863	556 409	1 613 227	1 980 026	3 587 648	1	1
		1998.. 26 362	807 908	19 918	40 471	544 261	1 573 782	1 970 320	3 539 770	1	3
		1997.. 25 981	796 765	19 629	40 089	530 309	1 744 897	1 924 526	3 655 270	X	X
322233	Stationery, tablet, & related product mfg	2000.. 8 271	246 435	5 940	11 691	147 515	929 633	1 105 269	1 997 921	1	2
		1999.. 8 594	246 285	6 248	12 319	146 563	950 184	1 040 246	1 994 860	1	1
		1998.. 8 689	233 085	6 475	12 439	142 411	938 313	1 015 233	1 959 780	2	2
		1997.. 9 217	240 993	6 694	12 954	149 969	999 298	1 055 747	1 974 630	X	X
32229	Other converted paper product mfg	2000.. 39 661	1 402 658	31 378	64 762	932 728	6 605 849	5 449 199	12 033 240	3	2
		1999.. 41 463	1 395 868	32 707	68 737	945 506	7 130 205	5 046 642	12 182 800	3	2
		1998.. 41 983	1 404 597	33 093	70 228	969 372	7 230 962	5 241 040	12 486 139	3	1
		1997.. 42 268	1 370 795	33 514	67 805	947 652	6 455 294	5 190 067	11 681 473	X	X
322291	Sanitary paper product mfg	2000.. 15 431	609 088	12 061	26 240	436 111	4 225 826	3 000 126	7 238 510	4	2
		1999.. 16 233	630 570	13 044	29 377	460 069	4 749 552	2 828 744	7 605 301	3	2
		1998.. 18 864	730 945	15 252	33 039	539 241	5 167 468	3 236 857	8 376 676	1	1
		1997.. 18 360	680 102	14 980	31 266	514 519	4 463 242	3 345 082	7 833 607	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
322	Paper mfg—Con.										
3222	Converted paper product mfg—Con.										
32229	Other converted paper product mfg—Con.										
322299	All other converted paper product mfg .....	2000.. 24 230	793 570	19 317	38 521	496 618	2 380 023	2 449 073	4 794 729	5	4
		1999.. 25 230	765 299	19 662	39 359	485 437	2 380 653	2 217 898	4 577 499	4	3
		1998.. 23 119	673 652	17 841	37 189	430 130	2 063 494	2 004 183	4 109 463	5	4
		1997.. 23 908	690 693	18 534	36 539	433 133	1 992 052	1 844 985	3 847 866	X	X
323	Printing & related support activities .....	2000.. 830 379	28 060 096	597 480	1 152 516	17 477 355	63 446 330	41 207 340	104 614 371	1	1
		1999.. 835 053	27 329 098	602 991	1 174 065	17 073 050	61 937 068	39 659 491	101 535 694	1	1
		1998.. 843 254	26 846 805	617 463	1 209 603	16 905 846	60 247 675	40 101 404	100 296 650	1	1
		1997.. 834 404	26 022 991	607 637	1 164 310	16 336 416	58 392 618	39 219 976	97 485 138	X	X
3231	Printing & related support activities .....	2000.. 830 379	28 060 096	597 480	1 152 516	17 477 355	63 446 330	41 207 340	104 614 371	1	1
		1999.. 835 053	27 329 098	602 991	1 174 065	17 073 050	61 937 068	39 659 491	101 535 694	1	1
		1998.. 843 254	26 846 805	617 463	1 209 603	16 905 846	60 247 675	40 101 404	100 296 650	1	1
		1997.. 834 404	26 022 991	607 637	1 164 310	16 336 416	58 392 618	39 219 976	97 485 138	X	X
32311	Printing .....	2000.. 752 456	25 297 279	538 534	1 036 818	15 707 282	58 242 431	39 633 795	97 845 268	1	1
		1999.. 756 706	24 593 588	544 107	1 058 579	15 316 735	56 591 620	38 132 668	94 683 419	1	1
		1998.. 760 983	24 001 590	554 794	1 084 629	15 042 170	54 589 947	38 609 009	93 146 667	1	1
		1997.. 751 027	23 250 806	544 646	1 041 535	14 532 062	52 916 516	37 779 163	90 564 848	X	X
323110	Commercial lithographic printing .....	2000.. 416 547	14 938 277	297 810	582 518	9 292 331	32 694 095	22 390 244	55 090 158	1	2
		1999.. 417 693	14 635 024	301 182	595 244	9 153 183	31 628 954	21 352 605	53 001 061	1	1
		1998.. 422 579	14 356 414	309 005	611 446	9 086 673	30 766 147	21 351 525	52 078 857	1	1
		1997.. 413 680	13 708 665	299 255	585 415	8 619 364	29 460 988	20 662 589	50 027 462	X	X
323111	Commercial gravure printing .....	2000.. 21 892	820 793	18 197	37 299	608 724	2 129 831	1 781 311	3 922 805	2	2
		1999.. 21 879	798 999	18 267	37 067	605 759	2 034 719	1 727 887	3 768 690	2	1
		1998.. 23 116	827 300	19 551	39 431	641 225	2 136 817	1 912 747	4 015 195	1	1
		1997.. 23 126	802 731	19 323	38 515	619 074	1 911 486	1 983 432	3 892 449	X	X
323112	Commercial flexographic printing .....	2000.. 32 991	1 230 342	22 166	43 397	685 344	2 960 584	2 520 153	5 473 120	2	2
		1999.. 32 056	1 117 035	21 659	42 964	629 496	2 860 791	2 336 013	5 185 227	2	2
		1998.. 30 733	1 061 921	20 991	42 098	585 613	2 603 952	2 222 763	4 822 708	1	2
		1997.. 30 348	1 027 927	20 474	41 999	564 226	2 521 146	2 176 378	4 675 493	X	X
323113	Commercial screen printing .....	2000.. 68 829	1 874 924	50 471	89 868	1 106 714	3 943 593	2 809 162	6 775 574	5	4
		1999.. 69 007	1 771 047	50 638	93 330	1 040 093	3 754 243	2 791 107	6 546 631	5	3
		1998.. 70 835	1 705 381	51 493	96 092	958 155	3 726 182	2 896 358	6 618 302	1	2
		1997.. 72 479	1 731 971	53 292	95 544	983 156	3 708 959	2 903 873	6 622 326	X	X
323114	Quick printing .....	2000.. 55 291	1 497 884	36 966	65 560	907 485	3 270 554	1 475 609	4 741 128	4	4
		1999.. 56 264	1 429 309	37 840	67 705	875 448	3 213 315	1 466 484	4 675 388	2	3
		1998.. 52 954	1 299 726	36 454	66 131	790 019	2 700 914	1 496 110	4 200 332	1	3
		1997.. 52 069	1 248 931	36 484	59 090	765 602	2 674 764	1 474 788	4 147 172	X	X
323115	Digital printing .....	2000.. 5 984	189 095	3 996	6 981	109 391	420 933	186 566	606 655	4	5
		1999.. 5 216	158 539	3 603	6 541	92 344	366 474	161 926	527 928	4	5
		1998.. 4 582	130 574	3 052	5 838	70 013	320 429	151 616	471 568	1	7
		1997.. 4 222	122 560	2 834	5 058	67 259	270 928	134 210	405 679	X	X
323116	Manifold business form printing .....	2000.. 49 525	1 593 532	33 891	67 007	1 004 300	5 350 369	3 806 795	9 123 736	2	2
		1999.. 52 911	1 592 743	36 343	72 739	1 012 102	5 496 164	3 799 203	9 297 153	2	2
		1998.. 54 721	1 640 299	38 859	79 443	1 071 850	5 425 029	3 896 805	9 407 233	2	2
		1997.. 55 884	1 678 053	38 992	75 106	1 075 577	5 631 433	3 887 345	9 516 072	X	X
323117	Book printing .....	2000.. 50 501	1 670 455	40 418	79 631	1 190 938	3 779 237	2 273 384	6 047 986	2	2
		1999.. 50 518	1 659 177	40 209	79 323	1 150 579	3 636 881	2 231 384	5 853 611	2	2
		1998.. 49 453	1 549 499	39 202	75 122	1 059 752	3 425 237	2 182 704	5 599 621	2	3
		1997.. 49 047	1 530 539	38 782	75 742	1 057 001	3 300 926	2 216 983	5 517 171	X	X
323118	Blankbook, looseleaf binder, & device mfg .....	2000.. 15 693	487 533	10 385	21 324	227 319	1 541 757	1 051 478	2 587 889	4	3
		1999.. 16 781	493 852	11 270	23 006	232 141	1 583 578	1 071 262	2 634 515	3	2
		1998.. 17 485	522 868	12 367	24 278	263 225	1 414 844	1 133 413	2 509 708	3	10
		1997.. 17 565	496 481	12 566	25 249	256 314	1 530 134	1 017 065	2 540 799	X	X
323119	Other commercial printing .....	2000.. 35 204	994 445	24 234	43 233	574 735	2 151 478	1 339 093	3 476 216	5	6
		1999.. 34 381	937 862	23 096	40 660	525 588	2 016 500	1 194 796	3 193 213	4	5
		1998.. 34 524	907 607	23 820	44 650	515 645	2 070 397	1 364 970	3 223 144	2	2
		1997.. 32 607	902 948	22 644	39 817	524 489	1 905 752	1 322 500	3 420 025	X	X
32312	Support activities for printing .....	2000.. 77 922	2 762 817	58 946	115 698	1 770 074	5 203 899	1 573 546	6 769 103	3	3
		1999.. 78 347	2 735 510	58 884	115 486	1 756 315	5 345 448	1 526 823	6 852 275	2	3
		1998.. 82 271	2 845 214	62 670	124 973	1 863 676	5 657 728	1 492 395	7 149 984	1	3
		1997.. 83 377	2 772 185	62 991	122 775	1 804 354	5 476 102	1 440 813	6 920 490	X	X
323121	Tradebinding & related work .....	2000.. 31 967	862 610	26 668	53 437	602 572	1 589 869	538 823	2 122 022	5	5
		1999.. 30 582	813 813	25 264	50 573	566 343	1 520 025	503 923	2 017 829	4	5
		1998.. 30 982	797 864	25 636	51 754	569 671	1 538 549	450 949	1 993 684	1	1
		1997.. 30 831	755 060	25 510	49 986	534 978	1 487 276	457 629	1 946 867	X	X
323122	Prepress services .....	2000.. 45 956	1 900 207	32 277	62 261	1 167 502	3 614 030	1 034 723	4 647 081	3	4
		1999.. 47 765	1 921 697	33 621	64 914	1 189 972	3 825 423	1 022 900	4 834 446	2	4
		1998.. 51 289	2 047 350	37 033	73 220	1 294 005	4 119 179	1 041 446	5 156 299	2	3
		1997.. 52 546	2 017 125	37 481	72 789	1 269 376	3 988 826	983 184	4 973 623	X	X
324	Petroleum & coal products mfg .....	2000.. 101 201	5 619 048	66 968	149 916	3 433 436	45 747 651	190 991 838	235 105 472	1	1
		1999.. 103 407	5 613 124	68 635	154 798	3 431 714	38 718 873	125 339 044	162 619 996	1	1
		1998.. 107 980	5 678 001	71 719	161 759	3 497 183	31 649 246	104 286 946	137 956 938	1	1
		1997.. 107 625	5 546 082	71 554	161 036	3 421 272	37 610 773	139 509 979	177 393 098	X	X
3241	Petroleum & coal products mfg .....	2000.. 101 201	5 619 048	66 968	149 916	3 433 436	45 747 651	190 991 838	235 105 472	1	1
		1999.. 103 407	5 613 124	68 635	154 798	3 431 714	38 718 873	125 339 044	162 619 996	1	1
		1998.. 107 980	5 678 001	71 719	161 759	3 497 183	31 649 246	104 286 946	137 956 938	1	1
		1997.. 107 625	5 546 082	71 554	161 036	3 421 272	37 610 773	139 509 979	177 393 098	X	X
32411	Petroleum refineries .....	2000.. 62 229	3 994 893	39 875	92 559	2 463 491	38 564 039	178 631 277	215 592 452	1	1
		1999.. 63 619	3 983 102	40 843	94 107						

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
		A	B	C	D	E						
324	Petroleum & coal products mfg—Con.											
3241	Petroleum & coal products mfg—Con.											
32412	Asphalt paving, roofing, & saturated materials mfg .....	2000..	25 430	1 028 354	19 190	41 467	696 156	4 425 943	7 578 276	12 001 971	3	3
		1999..	26 156	1 049 669	19 812	43 904	724 972	4 320 732	6 797 528	11 078 822	3	2
		1998..	27 962	1 095 663	20 509	45 335	731 004	4 420 614	7 204 893	11 673 174	2	5
		1997..	27 301	1 059 768	20 054	43 122	709 048	4 007 042	6 969 639	10 981 761	X	X
324121	Asphalt paving mixture & block mfg ..	2000..	12 742	524 909	9 773	20 953	377 059	2 201 268	4 299 414	6 477 074	6	4
		1999..	13 188	532 740	10 059	21 821	385 767	2 131 633	3 775 453	5 896 836	6	3
		1998..	14 660	572 980	10 647	22 646	387 051	2 312 588	3 989 279	6 323 135	3	10
		1997..	13 946	560 441	10 097	21 183	372 301	1 974 057	3 897 190	5 887 180	X	X
324122	Asphalt shingle & coating materials mfg .....	2000..	12 688	503 444	9 417	20 514	319 097	2 224 674	3 278 863	5 524 897	2	3
		1999..	12 969	516 929	9 754	22 083	339 206	2 189 099	3 022 075	5 181 985	1	1
		1998..	13 302	522 682	9 863	22 689	343 954	2 108 026	3 215 613	5 350 039	1	3
		1997..	13 355	499 327	9 957	21 939	336 747	2 032 985	3 072 449	5 094 581	X	X
32419	Other petroleum & coal products mfg ..	2000..	13 542	595 802	7 904	15 890	273 789	2 757 669	4 782 285	7 511 048	1	3
		1999..	13 632	580 354	7 980	16 787	265 852	2 881 812	4 410 715	7 249 397	1	4
		1998..	15 099	617 675	8 979	18 637	304 731	3 204 996	4 870 092	8 127 840	1	1
		1997..	14 876	601 445	8 807	18 077	300 034	2 725 275	4 985 263	7 743 739	X	X
324191	Petroleum lubricating oil & grease mfg .....	2000..	10 344	468 197	5 432	10 958	187 582	2 174 632	3 856 735	6 024 017	2	4
		1999..	10 850	469 666	5 806	12 145	190 135	2 319 788	3 528 130	5 806 191	1	4
		1998..	11 542	471 421	6 228	12 724	208 437	2 565 652	4 010 313	6 616 098	1	1
		1997..	11 242	448 857	5 966	11 923	192 066	2 068 913	3 973 546	6 070 406	X	X
324199	All other petroleum & coal products mfg .....	2000..	3 198	127 604	2 472	4 931	86 206	583 037	925 550	1 487 031	1	5
		1999..	2 782	110 688	2 174	4 641	75 717	562 024	882 585	1 443 206	1	8
		1998..	3 557	146 254	2 751	5 913	96 294	639 344	859 779	1 511 742	4	2
		1997..	3 634	152 588	2 841	6 154	107 968	656 362	1 011 717	1 673 333	X	X
325	Chemical mfg .....	2000..	889 683	43 710 981	508 305	1 054 507	20 606 604	235 613 955	218 846 250	451 579 561	1	1
		1999..	885 695	42 643 928	506 407	1 044 446	20 057 753	228 395 794	194 041 295	420 320 376	1	1
		1998..	895 452	41 581 035	516 163	1 069 967	19 878 052	230 218 776	186 808 152	416 742 159	1	1
		1997..	882 645	39 835 717	512 152	1 068 966	19 192 170	224 684 500	192 199 632	415 616 508	X	X
3251	Basic chemical mfg .....	2000..	192 765	10 644 116	109 432	234 324	5 541 807	47 671 202	70 796 098	117 734 460	2	1
		1999..	196 568	10 504 759	112 022	233 745	5 483 611	48 098 746	58 090 877	106 288 460	1	1
		1998..	202 185	10 498 422	115 451	241 283	5 474 894	53 041 896	53 294 688	106 695 129	1	1
		1997..	200 766	10 290 943	114 874	244 213	5 417 819	53 736 421	59 632 425	113 356 912	X	X
32511	Petrochemical mfg .....	2000..	11 344	712 762	6 252	14 110	421 419	8 280 999	16 953 483	25 001 797	1	1
		1999..	11 762	718 135	6 480	14 895	408 655	7 964 337	11 340 181	19 554 160	1	1
		1998..	10 377	646 692	5 813	13 075	337 122	3 904 694	9 118 828	13 031 931	1	1
		1997..	10 192	620 132	5 741	12 869	326 988	8 359 545	11 192 888	19 468 615	X	X
325110	Petrochemical mfg .....	2000..	11 344	712 762	6 252	14 110	421 419	8 280 999	16 953 483	25 001 797	1	1
		1999..	11 762	718 135	6 480	14 895	408 655	7 964 337	11 340 181	19 554 160	1	1
		1998..	10 377	646 692	5 813	13 075	337 122	3 904 694	9 118 828	13 031 931	1	1
		1997..	10 192	620 132	5 741	12 869	326 988	8 359 545	11 192 888	19 468 615	X	X
32512	Industrial gas mfg .....	2000..	12 133	572 889	6 418	14 607	320 158	2 842 894	2 256 895	5 056 005	5	3
		1999..	11 901	575 695	6 817	14 542	318 225	3 151 534	2 080 495	5 221 389	1	3
		1998..	12 548	581 876	6 979	14 806	308 831	3 730 162	2 070 292	5 761 425	1	1
		1997..	12 636	579 853	6 814	14 518	296 561	3 485 572	1 918 360	5 416 308	X	X
325120	Industrial gas mfg .....	2000..	12 133	572 889	6 418	14 607	320 158	2 842 894	2 256 895	5 056 005	5	3
		1999..	11 901	575 695	6 817	14 542	318 225	3 151 534	2 080 495	5 221 389	1	3
		1998..	12 548	581 876	6 979	14 806	308 831	3 730 162	2 070 292	5 761 425	1	1
		1997..	12 636	579 853	6 814	14 518	296 561	3 485 572	1 918 360	5 416 308	X	X
32513	Dye & pigment mfg .....	2000..	17 669	856 423	10 944	23 596	478 652	3 046 353	3 538 580	6 536 906	7	8
		1999..	17 078	801 761	10 788	23 560	449 288	3 038 524	3 162 208	6 146 135	6	7
		1998..	16 964	780 322	10 240	21 745	442 651	3 380 506	3 027 209	6 392 739	1	1
		1997..	17 318	782 624	10 558	22 427	452 367	3 361 633	3 038 484	6 438 366	X	X
325131	Inorganic dye & pigment mfg .....	2000..	8 311	432 886	5 602	12 156	261 614	1 542 864	2 024 224	3 556 982	6	9
		1999..	8 205	411 860	5 552	12 278	250 301	1 667 825	1 794 650	3 428 390	5	6
		1998..	8 524	401 354	5 579	11 964	249 084	1 977 170	1 753 475	3 742 509	1	1
		1997..	8 629	394 603	5 675	11 827	251 387	2 030 987	1 709 715	3 745 010	X	X
325132	Synthetic organic dye & pigment mfg .....	2000..	9 358	423 537	5 342	11 440	217 039	1 503 489	1 514 356	2 979 924	12	12
		1999..	8 872	389 901	5 236	11 282	198 987	1 370 699	1 367 558	2 717 745	10	13
		1998..	8 440	378 968	4 662	9 781	193 566	1 403 335	1 273 733	2 650 229	1	2
		1997..	8 689	388 021	4 883	10 600	200 980	1 330 646	1 328 769	2 693 356	X	X
32518	Other basic inorganic chemical mfg .....	2000..	56 898	3 087 797	31 108	65 562	1 495 550	10 695 349	8 313 123	19 219 262	1	1
		1999..	59 978	3 123 242	32 426	61 482	1 491 870	12 821 698	7 754 236	20 553 223	1	1
		1998..	62 784	3 186 819	33 527	64 988	1 542 274	18 387 146	7 948 772	26 287 494	1	2
		1997..	60 055	2 971 865	31 710	64 838	1 470 779	12 729 040	7 969 310	20 731 059	X	X
325181	Alkalies & chlorine mfg .....	2000..	4 846	291 928	3 411	7 112	193 456	1 265 095	1 285 850	2 536 032	1	1
		1999..	4 878	277 595	3 447	7 257	187 784	1 227 178	1 103 843	2 369 204	1	1
		1998..	4 899	279 018	3 377	6 915	179 906	1 443 181	991 396	2 449 207	1	3
		1997..	4 859	272 779	3 348	7 085	175 560	1 421 798	1 064 748	2 465 183	X	X
325182	Carbon black mfg .....	2000..	1 860	99 159	1 304	2 531	62 760	546 999	533 804	1 073 585	1	1
		1999..	1 875	97 813	1 303	2 647	62 409	546 069	402 457	949 737	1	2
		1998..	1 732	93 012	1 140	2 764	55 156	644 003	425 439	1 078 118	4	13
		1997..	1 769	90 694	1 123	2 733	53 892	547 537	445 282	990 391	X	X
325188	All other basic inorganic chemical mfg .....	2000..	50 192	2 696 710	26 393	55 919	1 239 334	8 883 256	6 493 470	15 609 645	1	2
		1999..	53 225	2 747 833	27 677	51 578	1 241 678	11 048 450	6 247 935	17 234 282	1	1
		1998..	56 153	2 814 789	29 009	55 308	1 307 212	16 299 962	6 531 937	22 760 168	1	2
		1997..	53 427	2 608 392	27 239	55 020	1 241 327	10 759 705	6 459 280	17 275 485	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
325	Chemical mfg—Con.										
3251	Basic chemical mfg—Con.										
32519	Other basic organic chemical mfg . . . . .	2000.. 94 722	5 414 244	54 710	116 450	2 826 027	22 805 606	39 734 018	61 920 490	3	1
		1999.. 95 850	5 285 926	55 510	119 265	2 815 572	21 122 653	33 753 757	54 813 553	3	1
		1998.. 99 512	5 302 713	58 892	126 670	2 844 016	23 639 388	31 129 588	55 221 540	1	1
		1997.. 100 565	5 336 469	60 051	129 561	2 871 124	25 800 631	35 513 383	61 302 564	X	X
325191	Gum & wood chemical mfg . . . . .	2000.. 2 216	90 668	1 636	3 725	59 301	484 602	435 242	902 091	1	1
		1999.. 2 494	96 807	1 756	4 106	57 440	484 052	351 587	860 037	1	2
		1998.. 2 486	93 987	1 835	4 097	62 381	463 544	384 371	846 014	1	1
		1997.. 2 261	84 253	1 703	3 775	56 457	469 629	348 290	814 676	X	X
325192	Cyclic crude & intermediate mfg . . . . .	2000.. 8 320	544 406	4 946	11 291	296 194	3 643 606	5 214 211	8 694 276	3	6
		1999.. 8 280	504 356	5 056	11 625	293 089	2 600 471	3 791 915	6 364 287	1	4
		1998.. 8 557	463 580	5 024	11 408	264 080	2 513 536	3 457 395	6 051 134	1	1
		1997.. 8 641	467 132	5 153	11 442	257 924	2 807 384	4 053 054	6 861 138	X	X
325193	Ethyl alcohol mfg . . . . .	2000.. 1 649	67 082	1 178	2 588	41 321	332 197	1 267 729	1 599 817	5	9
		1999.. 1 720	64 950	1 263	2 799	41 009	264 434	1 073 596	1 338 127	5	10
		1998.. 1 542	60 133	1 093	2 235	34 648	336 198	860 304	1 218 484	2	3
		1997.. 1 503	58 421	1 037	2 288	38 109	226 520	994 308	1 222 166	X	X
325199	All other basic organic chemical mfg . . . . .	2000.. 82 537	4 712 088	46 951	98 845	2 429 212	18 345 201	32 816 835	50 724 305	3	1
		1999.. 83 356	4 619 814	47 436	100 735	3 424 033	17 773 696	28 536 659	46 251 101	3	2
		1998.. 86 927	4 685 013	50 941	108 931	2 482 907	20 326 199	26 427 518	47 105 909	1	1
		1997.. 88 160	4 726 663	52 158	112 056	2 518 634	22 297 098	30 117 731	52 404 584	X	X
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg . . . . .	2000.. 107 256	5 566 244	74 044	161 653	3 459 716	26 256 204	43 962 977	69 513 941	1	1
		1999.. 109 409	5 618 019	73 961	162 236	3 380 959	27 345 090	36 479 255	63 486 681	1	1
		1998.. 114 427	5 509 683	76 685	168 770	3 329 087	28 315 080	34 769 363	63 185 560	1	1
		1997.. 115 691	5 397 924	78 859	172 461	3 286 931	27 307 501	37 346 437	64 417 772	X	X
32521	Resin & synthetic rubber mfg . . . . .	2000.. 74 431	4 214 132	47 298	102 805	2 504 204	20 999 437	38 517 383	58 934 419	1	2
		1999.. 73 499	4 112 604	45 850	100 564	2 357 673	21 458 934	31 130 651	52 099 924	2	2
		1998.. 73 701	3 893 560	44 513	98 868	2 184 724	21 600 076	28 607 317	50 371 571	1	1
		1997.. 73 804	3 788 883	45 897	100 261	2 164 062	20 399 243	31 145 699	51 379 595	X	X
325211	Plastics material & resin mfg . . . . .	2000.. 63 793	3 620 030	40 122	87 597	2 150 806	18 431 383	35 058 430	52 953 502	2	2
		1999.. 62 287	3 499 089	38 504	84 477	2 001 607	18 596 239	28 391 871	46 528 851	2	2
		1998.. 62 789	3 297 106	37 412	83 176	1 834 182	19 071 252	25 832 676	45 028 829	1	1
		1997.. 61 632	3 160 542	38 078	83 556	1 798 060	17 625 910	27 750 752	45 225 887	X	X
325212	Synthetic rubber mfg . . . . .	2000.. 10 638	594 102	7 176	15 208	353 398	2 568 054	3 458 953	5 980 917	2	7
		1999.. 11 212	613 516	7 346	16 087	356 065	2 862 695	2 738 780	5 571 073	2	5
		1998.. 10 912	596 454	7 101	15 692	350 542	2 528 824	2 774 641	5 342 742	1	1
		1997.. 12 172	628 341	7 819	16 705	366 002	2 773 333	3 394 947	6 153 708	X	X
32522	Artificial & synthetic fibers & filaments mfg . . . . .	2000.. 32 825	1 352 112	26 746	58 847	955 512	5 256 767	5 445 594	10 579 522	1	1
		1999.. 35 910	1 505 414	28 111	61 671	1 023 286	5 886 156	5 348 604	11 386 757	1	1
		1998.. 40 726	1 616 123	32 171	69 902	1 144 362	6 715 004	6 162 046	12 813 989	1	1
		1997.. 41 887	1 609 041	32 962	72 200	1 122 869	6 908 258	6 200 738	13 038 177	X	X
325221	Cellulosic organic fiber mfg . . . . .	2000.. 2 098	81 076	1 696	3 672	57 589	292 589	262 391	553 247	1	1
		1999.. 3 187	122 877	2 465	5 038	78 913	340 637	334 839	713 659	1	1
		1998.. 4 055	147 082	3 174	6 187	98 602	450 085	450 857	901 999	1	1
		1997.. 4 802	174 879	3 750	7 875	120 838	603 753	500 989	1 096 983	X	X
325222	Noncellulosic organic fiber mfg . . . . .	2000.. 30 727	1 271 036	25 050	55 175	897 923	4 964 178	5 183 203	10 026 275	1	1
		1999.. 32 724	1 382 537	25 646	56 633	944 373	5 545 519	5 013 765	10 673 098	1	1
		1998.. 36 671	1 469 041	28 997	63 715	1 045 760	6 264 919	5 711 189	11 911 990	1	1
		1997.. 37 085	1 434 162	29 212	64 325	1 002 031	6 304 505	5 699 749	11 941 194	X	X
3253	Pesticide, fertilizer, & other agricultural chemical mfg . . . . .	2000.. 35 855	1 652 097	21 764	46 449	888 645	9 600 711	10 847 376	20 206 799	3	2
		1999.. 36 673	1 629 486	22 880	49 152	907 203	10 064 464	10 867 267	20 769 661	2	2
		1998.. 37 437	1 557 357	24 481	53 326	914 075	12 550 061	11 869 973	24 420 417	2	1
		1997.. 37 123	1 515 969	23 746	51 894	870 343	12 576 259	11 802 223	24 176 999	X	X
32531	Fertilizer mfg . . . . .	2000.. 22 019	959 989	13 997	30 149	565 936	3 419 777	7 055 155	10 418 450	3	4
		1999.. 22 971	963 321	15 164	32 497	601 194	3 501 023	7 023 071	10 515 149	2	4
		1998.. 23 140	911 851	15 985	34 247	582 491	5 180 277	7 784 053	12 996 611	2	2
		1997.. 23 150	880 977	15 646	34 726	546 199	4 900 041	7 943 425	12 759 745	X	X
325311	Nitrogenous fertilizer mfg . . . . .	2000.. 5 252	274 175	3 250	7 063	160 785	847 088	2 183 140	3 025 622	3	12
		1999.. 5 292	262 548	3 321	7 373	166 096	805 531	1 862 226	2 656 387	1	16
		1998.. 5 204	295 207	3 520	7 937	184 636	1 658 572	2 118 456	3 759 976	10	2
		1997.. 5 811	286 132	3 701	8 133	170 626	1 814 299	2 172 209	3 961 254	X	X
325312	Phosphatic fertilizer mfg . . . . .	2000.. 7 497	374 013	5 342	12 272	247 997	1 492 257	2 778 766	4 257 803	2	3
		1999.. 8 682	411 189	6 219	13 688	283 686	1 727 971	3 237 672	4 961 761	1	2
		1998.. 8 565	364 007	6 004	13 698	252 146	2 332 825	3 180 226	5 585 620	1	2
		1997.. 8 482	357 905	5 907	14 039	240 391	2 062 571	3 451 125	5 474 672	X	X
325314	Fertilizer (mixing only) mfg . . . . .	2000.. 9 270	311 800	5 405	10 815	157 154	1 080 431	2 093 249	3 135 026	6	8
		1999.. 8 996	289 584	5 624	11 437	151 411	967 520	1 923 173	2 897 001	4	7
		1998.. 9 371	252 637	6 461	12 612	145 710	1 188 881	2 485 371	3 651 016	1	8
		1997.. 8 857	236 940	6 038	12 554	135 182	1 023 171	2 320 091	3 323 819	X	X
32532	Pesticide & other agricultural chemical mfg . . . . .	2000.. 13 836	692 108	7 768	16 299	322 709	6 180 934	3 792 221	9 788 349	8	3
		1999.. 13 702	666 165	7 716	16 655	306 009	6 563 441	3 844 195	10 254 512	5	3
		1998.. 14 297	645 506	8 495	19 078	331 583	7 369 784	4 085 920	11 423 806	1	1
		1997.. 13 973	634 992	8 100	17 168	324 144	7 676 218	3 858 798	11 417 254	X	X
325320	Pesticide & other agricultural chemical mfg . . . . .	2000.. 13 836	692 108	7 768	16 299	322 709	6 180 934	3 792 221	9 788 349	8	3
		1999.. 13 702	666 165	7 716	16 655	306 009	6 563 441	3 844 195	10 254 512	5	3
		1998.. 14 297	645 506	8 495	19 078	331 583	7 369 784	4 085 920	11 423 806	1	1
		1997.. 13 973	634 992	8 100	17 168	324 144	7 676 218	3 858 798	11 417 254	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
325	Chemical mfg—Con.										
3254	Pharmaceutical & medicine mfg .....	2000.. 240 711	13 017 374	114 969	232 021	4 632 194	85 231 208	36 585 290	120 725 165	2	3
		1999.. 228 866	12 334 924	110 080	217 545	4 336 033	76 274 239	35 523 408	110 351 139	2	1
		1998.. 212 655	11 203 070	102 548	206 911	4 025 068	70 763 080	33 073 091	103 461 361	1	1
		1997.. 203 337	10 111 751	100 900	205 009	3 690 325	64 108 002	29 616 274	92 932 786	X	X
32541	Pharmaceutical & medicine mfg .....	2000.. 240 711	13 017 374	114 969	232 021	4 632 194	85 231 208	36 585 290	120 725 165	2	3
		1999.. 228 866	12 334 924	110 080	217 545	4 336 033	76 274 239	35 523 408	110 351 139	2	1
		1998.. 212 655	11 203 070	102 548	206 911	4 025 068	70 763 080	33 073 091	103 461 361	1	1
		1997.. 203 337	10 111 751	100 900	205 009	3 690 325	64 108 002	29 616 274	92 932 786	X	X
325411	Medicinal & botanical mfg .....	2000.. 21 582	1 198 417	11 353	23 666	539 507	8 085 273	4 790 623	12 878 350	9	3
		1999.. 21 351	1 146 782	11 009	23 122	501 890	5 838 645	6 342 072	11 762 349	8	3
		1998.. 30 023	1 728 518	14 549	32 856	679 524	7 208 430	5 936 351	13 169 467	1	1
		1997.. 27 764	1 530 029	13 505	29 216	596 030	6 297 660	5 588 337	11 888 455	X	X
325412	Pharmaceutical preparation mfg .....	2000.. 155 602	8 227 945	76 367	154 399	2 835 104	65 147 155	26 164 813	90 719 285	3	4
		1999.. 145 697	7 878 039	72 773	142 409	2 778 917	59 679 568	24 252 639	83 222 747	3	2
		1998.. 117 707	6 085 472	61 622	121 552	2 328 942	53 368 779	22 419 083	75 322 200	1	1
		1997.. 114 119	5 522 283	61 848	124 912	2 131 449	47 864 824	19 480 126	66 734 737	X	X
325413	In-vitro diagnostic substance mfg .....	2000.. 41 581	2 444 950	15 835	31 143	729 709	7 662 232	3 095 621	10 532 745	2	1
		1999.. 40 633	2 352 133	14 870	29 170	640 520	7 044 288	2 656 134	9 567 491	1	1
		1998.. 40 790	2 292 512	14 194	27 889	600 697	6 287 535	2 460 086	8 912 869	2	2
		1997.. 38 485	2 051 030	13 626	26 352	579 439	6 253 818	2 435 838	8 682 377	X	X
325414	Biological product (except diagnostic) mfg .....	2000.. 21 947	1 146 062	11 415	22 813	527 875	4 336 549	2 534 234	6 594 785	4	3
		1999.. 21 185	957 990	11 428	22 843	414 707	3 711 738	2 272 562	5 798 552	3	3
		1998.. 24 134	1 096 569	12 182	24 613	415 905	3 898 335	2 257 571	6 056 824	1	1
		1997.. 22 969	1 008 409	11 921	24 529	383 407	3 691 700	2 111 973	5 627 217	X	X
3255	Paint, coating, & adhesive mfg .....	2000.. 75 661	3 195 815	41 725	85 597	1 383 944	12 922 648	14 789 856	25 672 629	2	2
		1999.. 73 671	3 071 460	41 063	86 003	1 324 210	12 849 227	14 319 021	27 178 768	2	2
		1998.. 75 911	2 954 535	41 414	82 790	1 278 431	12 525 197	14 209 900	26 804 545	1	4
		1997.. 74 464	2 903 042	40 854	81 651	1 259 535	12 618 013	13 799 470	26 369 629	X	X
32551	Paint & coating mfg .....	2000.. 52 867	2 215 998	28 165	57 296	940 213	9 141 592	10 624 959	19 747 969	3	1
		1999.. 51 114	2 139 169	27 842	58 040	908 037	9 016 974	10 431 594	19 480 730	2	1
		1998.. 53 876	2 099 770	28 458	55 765	883 152	9 194 966	10 287 637	19 572 495	2	5
		1997.. 52 772	2 071 651	28 231	55 378	876 073	9 234 712	9 860 724	19 057 194	X	X
325510	Paint & coating mfg .....	2000.. 52 867	2 215 998	28 165	57 296	940 213	9 141 592	10 624 959	19 747 969	3	1
		1999.. 51 114	2 139 169	27 842	58 040	908 037	9 016 974	10 431 594	19 480 730	2	1
		1998.. 53 876	2 099 770	28 458	55 765	883 152	9 194 966	10 287 637	19 572 495	2	5
		1997.. 52 772	2 071 651	28 231	55 378	876 073	9 234 712	9 860 724	19 057 194	X	X
32552	Adhesive mfg .....	2000.. 22 794	979 817	13 560	28 301	443 731	3 781 057	4 164 898	7 924 660	4	5
		1999.. 22 556	932 291	13 221	27 963	416 173	3 832 253	3 887 427	7 698 037	3	5
		1998.. 22 035	854 765	12 956	27 025	395 280	3 330 230	3 922 263	7 232 049	1	2
		1997.. 21 692	831 391	12 623	26 273	383 462	3 383 301	3 938 746	7 312 435	X	X
325520	Adhesive mfg .....	2000.. 22 794	979 817	13 560	28 301	443 731	3 781 057	4 164 898	7 924 660	4	5
		1999.. 22 556	932 291	13 221	27 963	416 173	3 832 253	3 887 427	7 698 037	3	5
		1998.. 22 035	854 765	12 956	27 025	395 280	3 330 230	3 922 263	7 232 049	1	2
		1997.. 21 692	831 391	12 623	26 273	383 462	3 383 301	3 938 746	7 312 435	X	X
3256	Soap, cleaning compound, & toilet preparation mfg .....	2000.. 119 705	4 532 171	75 227	144 115	2 210 338	33 270 675	22 683 092	55 782 526	2	2
		1999.. 118 677	4 405 558	73 337	143 231	2 103 108	32 567 728	20 350 795	52 644 742	2	2
		1998.. 130 672	4 742 716	80 499	159 139	2 312 842	34 082 311	20 703 282	54 492 176	1	1
		1997.. 126 446	4 567 517	77 754	154 558	2 179 672	34 359 408	20 876 590	55 141 340	X	X
32561	Soap & cleaning compound mfg .....	2000.. 53 239	2 164 472	31 610	61 089	1 069 820	15 684 749	13 132 937	28 662 968	2	1
		1999.. 54 784	2 186 716	32 503	64 819	1 064 269	15 354 653	12 356 597	27 547 554	2	1
		1998.. 63 852	2 495 332	38 054	77 704	1 231 805	17 333 468	12 532 890	29 882 417	2	1
		1997.. 62 479	2 454 050	37 266	76 994	1 197 672	17 755 669	13 183 941	30 928 488	X	X
325611	Soap & other detergent mfg .....	2000.. 24 084	983 185	15 498	31 419	556 903	8 030 834	7 172 488	15 115 422	2	1
		1999.. 24 069	989 838	15 474	31 771	546 532	8 040 507	6 836 623	14 801 211	3	1
		1998.. 30 771	1 265 897	18 813	37 845	626 788	10 046 061	6 895 992	17 012 386	2	1
		1997.. 31 052	1 268 061	18 152	36 800	626 457	10 478 562	7 337 083	17 772 851	X	X
325612	Polish & other sanitation good mfg .....	2000.. 20 357	730 210	11 587	21 708	315 339	5 249 623	3 183 260	8 418 136	3	3
		1999.. 21 093	732 577	12 092	23 732	322 620	4 909 876	2 991 092	7 890 789	3	3
		1998.. 23 633	750 814	14 248	28 915	390 230	5 442 182	3 242 866	8 609 911	5	2
		1997.. 21 985	724 411	14 133	28 728	360 261	5 149 717	3 190 254	8 369 554	X	X
325613	Surface active agent mfg .....	2000.. 8 799	451 076	4 526	7 961	197 578	2 404 293	2 777 188	5 129 410	3	3
		1999.. 9 622	464 301	4 937	9 316	195 116	2 404 270	2 528 882	4 855 553	2	4
		1998.. 9 448	478 621	4 993	10 945	214 787	1 845 225	2 394 033	4 260 120	2	2
		1997.. 9 442	461 578	4 981	11 466	210 954	2 127 390	2 656 604	4 786 083	X	X
32562	Toilet preparation mfg .....	2000.. 66 466	2 367 700	43 617	83 027	1 140 518	17 585 926	9 550 156	27 119 558	4	4
		1999.. 63 893	2 218 842	40 834	78 413	1 038 839	17 213 075	7 994 199	25 097 188	4	4
		1998.. 66 820	2 247 384	42 445	81 435	1 081 037	16 748 763	8 170 392	24 609 759	2	1
		1997.. 63 967	2 113 467	40 488	77 564	982 000	16 603 739	7 692 649	24 212 852	X	X
325620	Toilet preparation mfg .....	2000.. 66 466	2 367 700	43 617	83 027	1 140 518	17 585 926	9 550 156	27 119 558	4	4
		1999.. 63 893	2 218 842	40 834	78 413	1 038 839	17 213 075	7 994 199	25 097 188	4	4
		1998.. 66 820	2 247 384	42 445	81 435	1 081 037	16 748 763	8 170 392	24 609 759	2	1
		1997.. 63 967	2 113 467	40 488	77 564	982 000	16 603 739	7 692 649	24 212 852	X	X
3259	Other chemical product mfg .....	2000.. 117 729	5 103 164	71 144	150 349	2 489 961	20 661 306	19 181 560	39 944 042	1	2
		1999.. 121 832	5 079 722	73 064	152 534	2 522 628	21 196 299	18 410 672	39 600 925	1	2
		1998.. 122 165	5 115 253	75 086	157 748	2 543 656	18 941 232	18 887 854	37 682 971	1	1
		1997.. 124 818	5 048 571	75 165	159 180	2 487 545	19 978 896	19 126 213	39 221 070	X	X
32591	Printing ink mfg .....	2000.. 13 317	568 350	6 738	13 854	250 677	2 165 471	2 391 880	4 559 371	3	5
		1999.. 13 904	590 734	7 146	14 512	262 471	2 199 428	2 487 996	4 668 527	2	5
		1998.. 13 42									

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
325	Chemical mfg—Con.										
3259	Other chemical product mfg—Con.										
32592	Explosives mfg .....	2000.. 7 957	301 832	5 398	10 491	167 554	642 628	500 417	1 134 959	6	5
		1999.. 8 680	301 334	5 928	11 069	175 210	504 696	507 741	1 011 811	8	8
		1998.. 8 410	296 903	6 039	11 712	179 198	612 345	623 284	1 247 881	1	6
		1997.. 8 972	312 301	6 648	13 516	190 534	789 782	649 413	1 447 274	X	X
325920	Explosives mfg .....	2000.. 7 957	301 832	5 398	10 491	167 554	642 628	500 417	1 134 959	6	5
		1999.. 8 680	301 334	5 928	11 069	175 210	504 696	507 741	1 011 811	8	8
		1998.. 8 410	296 903	6 039	11 712	179 198	612 345	623 284	1 247 881	1	6
		1997.. 8 972	312 301	6 648	13 516	190 534	789 782	649 413	1 447 274	X	X
32599	All other chemical product & preparation mfg .....	2000.. 96 455	4 232 982	59 007	126 003	2 071 731	17 853 206	16 289 264	34 249 712	1	2
		1999.. 99 248	4 187 655	59 990	126 953	2 084 948	18 492 175	15 414 934	33 920 587	1	2
		1998.. 100 326	4 275 999	61 215	129 866	2 103 283	16 517 994	15 660 460	32 102 926	1	1
		1997.. 102 650	4 226 706	61 516	130 990	2 053 486	17 561 712	15 996 571	33 697 296	X	X
325991	Custom compounding of purchased resin .....	2000.. 28 003	1 054 198	19 477	39 313	583 042	3 295 640	4 981 058	8 259 220	3	2
		1999.. 26 960	990 222	18 658	37 436	532 585	3 384 653	4 483 666	7 850 884	2	2
		1998.. 27 415	986 948	17 989	37 343	530 746	3 332 625	4 791 555	8 096 686	3	1
		1997.. 27 664	969 961	18 130	36 014	508 084	3 092 396	4 871 853	7 960 246	X	X
325992	Photographic film, paper, plate, & chemical mfg .....	2000.. 30 888	1 581 160	16 923	39 642	717 875	7 673 404	4 475 298	12 265 500	1	1
		1999.. 34 466	1 696 597	18 270	42 542	778 716	8 076 865	4 901 357	13 079 911	1	1
		1998.. 35 751	1 788 536	20 058	46 196	824 250	6 118 994	4 695 428	10 838 783	1	1
		1997.. 39 090	1 836 912	21 863	51 584	856 684	7 673 452	5 072 320	12 918 747	X	X
325998	All other miscellaneous chemical product & preparation mfg .....	2000.. 37 565	1 597 624	22 607	47 048	770 814	6 884 162	6 832 907	13 724 993	2	5
		1999.. 37 822	1 500 835	23 063	46 975	773 646	7 030 657	6 029 911	12 989 792	2	4
		1998.. 37 160	1 500 515	23 169	46 328	748 287	7 066 375	6 173 477	13 167 457	2	1
		1997.. 35 896	1 419 833	21 523	43 392	688 718	6 795 864	6 052 398	12 818 303	X	X
326	Plastics & rubber products mfg .....	2000.. 1 088 314	34 091 295	862 492	1 728 442	22 773 667	92 333 318	87 720 368	179 294 603	1	1
		1999.. 1 070 078	32 733 060	848 490	1 705 178	21 809 564	91 276 442	81 111 353	171 884 786	1	1
		1998.. 1 040 446	31 027 376	825 374	1 656 638	20 789 526	85 541 920	78 290 917	163 736 381	1	1
		1997.. 1 023 060	29 804 904	805 689	1 607 820	19 828 676	81 349 082	77 994 466	159 161 346	X	X
3261	Plastics product mfg .....	2000.. 876 848	26 575 601	693 760	1 382 846	17 394 322	73 348 938	70 319 741	142 932 165	1	1
		1999.. 860 536	25 505 540	681 760	1 362 272	16 662 147	72 203 219	64 793 514	136 568 468	1	1
		1998.. 835 558	24 096 922	661 224	1 320 897	15 811 859	66 963 842	61 804 296	128 660 662	1	1
		1997.. 820 707	23 029 570	644 417	1 277 327	14 957 832	63 280 786	61 404 727	124 445 374	X	X
32611	Unsupported plastics film, sheet, & bag mfg .....	2000.. 112 841	3 989 622	88 647	184 596	2 670 441	12 879 785	14 231 488	27 121 140	2	2
		1999.. 111 130	3 869 000	87 076	182 338	2 564 574	12 878 678	13 524 530	26 319 292	2	2
		1998.. 109 821	3 698 205	85 264	178 384	2 461 811	12 258 729	12 832 727	25 058 630	1	1
		1997.. 110 292	3 646 537	84 706	178 589	2 389 616	11 591 673	13 069 256	24 624 844	X	X
326111	Unsupported plastics bag mfg .....	2000.. 40 196	1 271 341	33 187	67 736	891 389	3 776 699	4 131 057	7 925 331	2	1
		1999.. 41 189	1 269 848	34 142	69 357	876 952	3 893 727	3 827 685	7 644 625	2	1
		1998.. 41 169	1 211 123	33 777	69 946	856 077	3 922 916	3 804 510	7 709 980	2	3
		1997.. 40 671	1 168 260	33 153	69 064	808 133	3 402 530	3 906 147	7 300 237	X	X
326112	Unsupported plastics packaging film & sheet mfg .....	2000.. 17 235	649 956	14 035	29 147	457 761	2 490 873	2 607 269	5 079 141	4	6
		1999.. 16 447	605 225	13 350	28 204	430 730	2 458 838	2 390 127	4 813 330	3	7
		1998.. 15 288	567 022	12 111	26 123	400 837	1 931 512	2 066 507	3 998 678	1	3
		1997.. 15 428	550 628	11 960	26 406	390 046	1 606 103	2 024 844	3 638 911	X	X
326113	Unsupported plastics film & sheet (except packaging) mfg .....	2000.. 55 410	2 068 325	41 425	87 713	1 321 291	6 612 213	7 493 163	14 116 668	3	2
		1999.. 53 494	1 993 927	39 584	84 776	1 256 892	6 526 113	7 306 718	13 861 337	3	2
		1998.. 53 364	1 920 060	39 375	82 315	1 204 897	6 404 302	6 961 710	13 349 972	1	1
		1997.. 54 193	1 927 649	39 593	83 119	1 191 437	6 583 040	7 138 265	13 685 696	X	X
32612	Plastics pipe, pipe fitting, & unsupported profile shape mfg .....	2000.. 53 684	1 808 608	39 188	79 902	1 083 833	4 783 928	5 802 075	10 401 490	2	2
		1999.. 48 695	1 529 688	36 781	73 154	961 190	4 544 045	4 883 846	9 396 835	2	2
		1998.. 47 864	1 490 807	35 557	71 447	925 712	4 199 135	4 916 483	9 171 743	2	2
		1997.. 47 419	1 409 531	35 828	71 193	880 768	4 066 325	5 207 289	9 228 294	X	X
326121	Unsupported plastics profile shape mfg .....	2000.. 30 614	1 103 363	21 024	42 120	601 533	2 573 939	1 916 395	4 498 156	4	3
		1999.. 27 053	878 771	19 559	39 250	526 456	2 379 524	1 731 385	4 158 315	3	3
		1998.. 27 657	866 589	19 695	39 452	503 955	2 322 285	1 963 761	4 271 814	3	1
		1997.. 27 449	857 876	20 145	40 386	512 494	2 273 968	2 149 086	4 436 148	X	X
326122	Plastics pipe & pipe fitting mfg .....	2000.. 23 071	705 245	18 164	37 782	482 300	2 209 990	3 885 680	5 903 334	3	3
		1999.. 21 642	650 916	17 222	33 903	434 734	2 164 521	3 152 461	5 238 520	3	3
		1998.. 20 207	624 218	15 862	31 994	421 757	1 876 849	2 952 721	4 899 929	3	4
		1997.. 19 970	551 655	15 683	30 807	368 274	1 792 357	3 058 203	4 792 146	X	X
32613	Laminated plastics plate, sheet, & shape mfg .....	2000.. 15 916	556 860	12 017	25 454	379 278	1 591 727	1 426 137	3 034 250	5	2
		1999.. 14 832	534 730	11 124	24 784	352 089	1 503 314	1 277 466	2 775 745	3	2
		1998.. 15 689	542 124	12 217	27 058	361 290	1 468 022	1 363 795	2 847 331	2	2
		1997.. 16 517	545 933	12 898	27 290	366 539	1 624 612	1 569 088	3 195 293	X	X
326130	Laminated plastics plate, sheet, & shape mfg .....	2000.. 15 916	556 860	12 017	25 454	379 278	1 591 727	1 426 137	3 034 250	5	2
		1999.. 14 832	534 730	11 124	24 784	352 089	1 503 314	1 277 466	2 775 745	3	2
		1998.. 15 689	542 124	12 217	27 058	361 290	1 468 022	1 363 795	2 847 331	2	2
		1997.. 16 517	545 933	12 898	27 290	366 539	1 624 612	1 569 088	3 195 293	X	X
32614	Polystyrene foam product mfg .....	2000.. 34 065	978 045	27 145	54 797	658 350	3 284 824	3 274 557	6 493 500	3	5
		1999.. 33 116	965 051	26 385	52 669	658 843	3 107 766	2 896 012	5 969 493	3	2
		1998.. 30 564	837 401	25 124	50 142	608 519	2 963 314	2 634 669	5 553 202	1	2
		1997.. 27 142	759 412	21 651	44 179	520 399	2 420 515	2 477 909	4 899 240	X	X
326140	Polystyrene foam product mfg .....	2000.. 34 065	978 045	27 145	54 797	658 350	3 284 824	3 274 557	6 493 500	3	5
		1999.. 33 116	965 051	26 385	52 669	658 843	3 107 766	2 896 012	5 969 493	3	2
		1998.. 30 564	837 401	25 124	50 142	608 519	2 963 314	2 634 669	5 553 202	1	2
		1997.. 27 142	759 412	21 651	44 179	520 399	2 420 515	2 477 909	4 899 240	X	X

See footnotes at end of table.

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
326	Plastics & rubber products mfg—Con.										
3261	Plastics product mfg—Con.										
32615	Urethane & other foam product (except polystyrene) mfg .....	2000.. 38 443	1 098 449	31 351	59 785	720 922	3 276 437	4 268 706	7 533 638	4	6
		1999.. 36 416	1 051 696	29 314	57 407	699 684	3 333 822	4 266 366	7 556 475	3	4
		1998.. 35 985	1 027 980	28 523	54 203	665 377	2 875 746	3 810 247	6 674 974	1	2
		1997.. 37 362	1 008 426	29 732	56 309	657 957	2 822 544	3 860 712	6 664 656	X	X
326150	Urethane & other foam product (except polystyrene) mfg .....	2000.. 38 443	1 098 449	31 351	59 785	720 922	3 276 437	4 268 706	7 533 638	4	6
		1999.. 36 416	1 051 696	29 314	57 407	699 684	3 333 822	4 266 366	7 556 475	3	4
		1998.. 35 985	1 027 980	28 523	54 203	665 377	2 875 746	3 810 247	6 674 974	1	2
		1997.. 37 362	1 008 426	29 732	56 309	657 957	2 822 544	3 860 712	6 664 656	X	X
32616	Plastics bottle mfg .....	2000.. 36 920	1 110 396	31 128	64 303	875 644	3 893 886	4 182 792	7 985 083	2	3
		1999.. 36 844	1 070 003	31 854	65 564	845 082	3 814 020	3 439 748	7 217 551	3	3
		1998.. 35 160	1 016 353	30 045	60 820	762 464	3 420 758	3 526 666	6 939 204	1	3
		1997.. 33 933	963 813	28 892	59 651	736 959	3 097 170	3 267 717	6 335 218	X	X
326160	Plastics bottle mfg .....	2000.. 36 920	1 110 396	31 128	64 303	875 644	3 893 886	4 182 792	7 985 083	2	3
		1999.. 36 844	1 070 003	31 854	65 564	845 082	3 814 020	3 439 748	7 217 551	3	3
		1998.. 35 160	1 016 353	30 045	60 820	762 464	3 420 758	3 526 666	6 939 204	1	3
		1997.. 33 933	963 813	28 892	59 651	736 959	3 097 170	3 267 717	6 335 218	X	X
32619	Other plastics product mfg .....	2000.. 584 979	17 033 621	464 283	914 009	11 005 854	43 638 351	37 133 984	80 363 064	1	2
		1999.. 579 503	16 485 373	459 226	906 355	10 580 685	43 021 575	34 505 546	77 333 076	1	1
		1998.. 560 475	15 484 052	444 494	878 843	10 026 685	39 778 138	32 719 709	72 415 578	1	1
		1997.. 548 042	14 695 918	430 710	840 116	9 405 594	37 657 947	31 952 756	69 497 829	X	X
326191	Plastics plumbing fixture mfg .....	2000.. 24 031	612 236	18 536	34 449	365 610	1 727 130	1 274 128	2 995 430	5	5
		1999.. 23 090	601 321	17 665	34 133	363 919	1 652 917	1 164 557	2 801 594	3	4
		1998.. 19 269	496 085	14 894	32 079	322 721	1 429 110	1 015 808	2 432 734	5	3
		1997.. 19 254	452 514	14 913	29 618	299 326	1 239 095	937 423	2 181 207	X	X
326192	Resilient floor covering mfg .....	2000.. 5 344	243 008	3 945	8 101	154 906	753 358	781 416	1 537 767	4	1
		1999.. 5 502	226 370	4 041	8 440	144 219	884 466	814 918	1 710 864	4	1
		1998.. 6 484	277 255	5 107	10 367	202 214	915 249	796 389	1 729 258	1	1
		1997.. 6 070	270 689	4 739	9 694	199 622	946 321	758 886	1 684 216	X	X
326199	All other plastics product mfg .....	2000.. 555 604	16 178 377	441 801	871 459	10 485 338	41 157 863	35 078 440	75 829 867	1	2
		1999.. 550 910	15 657 681	437 520	863 783	10 072 547	40 484 192	32 526 071	72 820 618	1	1
		1998.. 534 723	14 710 712	424 492	836 398	9 501 750	37 433 778	30 907 512	68 253 586	1	1
		1997.. 522 718	13 972 715	411 058	800 804	8 906 646	35 472 531	30 256 447	65 632 406	X	X
3262	Rubber product mfg .....	2000.. 211 465	7 515 694	168 733	345 596	5 379 345	18 984 380	17 400 628	36 362 438	1	2
		1999.. 209 542	7 227 520	166 730	342 907	5 147 417	19 073 223	16 317 839	35 316 318	1	1
		1998.. 204 888	6 930 454	164 151	335 742	4 977 668	18 578 078	16 486 622	35 075 719	1	1
		1997.. 202 353	6 775 334	161 272	330 493	4 870 844	18 068 296	16 589 739	34 715 972	X	X
32621	Tire mfg .....	2000.. 74 051	3 229 002	61 844	124 047	2 580 589	8 133 215	7 473 987	15 627 689	2	2
		1999.. 71 693	3 068 592	59 685	122 641	2 411 026	8 009 101	6 982 609	14 934 957	1	1
		1998.. 73 577	3 028 618	61 425	124 538	2 394 817	8 024 941	7 286 152	15 322 206	1	1
		1997.. 72 189	2 962 564	60 041	123 368	2 345 619	7 917 563	7 754 560	15 699 140	X	X
326211	Tire mfg (except retreading) .....	2000.. 66 396	3 024 605	56 699	113 099	2 456 441	7 726 873	6 866 443	14 614 238	2	3
		1999.. 64 112	2 873 071	54 234	110 886	2 289 245	7 639 896	6 364 297	13 949 657	1	1
		1998.. 65 429	2 824 020	55 167	110 976	2 256 771	7 570 262	6 735 883	14 318 766	1	1
		1997.. 64 334	2 772 569	54 156	110 662	2 219 999	7 521 527	7 182 764	14 728 525	X	X
326212	Tire retreading .....	2000.. 7 655	204 397	5 145	10 948	124 149	406 341	607 544	1 013 451	5	5
		1999.. 7 580	195 522	5 451	11 755	121 781	369 205	618 312	985 300	4	4
		1998.. 8 148	204 598	6 258	13 562	138 047	454 679	550 268	1 003 440	3	3
		1997.. 7 855	189 995	5 885	12 706	125 620	396 036	571 796	970 615	X	X
32622	Rubber & plastics hoses & belting mfg .....	2000.. 25 175	821 307	19 410	40 019	551 200	2 197 220	2 086 504	4 248 683	2	4
		1999.. 26 030	841 208	20 293	41 246	580 593	2 453 286	2 044 617	4 483 743	2	3
		1998.. 24 181	775 834	19 092	39 592	536 899	2 236 910	1 944 952	4 191 333	1	1
		1997.. 24 182	749 220	18 758	39 339	521 633	2 162 353	1 822 849	4 025 238	X	X
326220	Rubber & plastics hoses & belting mfg .....	2000.. 25 175	821 307	19 410	40 019	551 200	2 197 220	2 086 504	4 248 683	2	4
		1999.. 26 030	841 208	20 293	41 246	580 593	2 453 286	2 044 617	4 483 743	2	3
		1998.. 24 181	775 834	19 092	39 592	536 899	2 236 910	1 944 952	4 191 333	1	1
		1997.. 24 182	749 220	18 758	39 339	521 633	2 162 353	1 822 849	4 025 238	X	X
32629	Other rubber product mfg .....	2000.. 112 239	3 465 385	87 480	181 531	2 247 556	8 653 945	7 840 137	16 486 066	2	2
		1999.. 111 819	3 317 720	86 751	179 020	2 155 798	8 610 837	7 290 613	15 897 618	1	2
		1998.. 107 130	3 126 003	83 634	171 612	2 045 951	8 316 227	7 255 518	15 562 181	1	2
		1997.. 105 982	3 063 550	82 473	167 786	2 003 592	7 988 380	7 012 330	14 991 594	X	X
326291	Rubber product mfg for mechanical use .....	2000.. 60 447	1 888 046	48 698	103 816	1 285 032	4 441 846	3 329 993	7 754 151	2	2
		1999.. 60 323	1 778 214	48 523	102 417	1 213 133	4 485 316	3 180 647	7 668 690	1	2
		1998.. 56 741	1 658 528	46 070	96 001	1 142 384	4 010 490	3 131 749	7 115 858	1	3
		1997.. 55 397	1 593 564	44 429	91 977	1 091 734	3 857 118	2 835 920	6 668 381	X	X
326299	All other rubber product mfg .....	2000.. 51 792	1 577 339	38 781	77 715	962 523	4 212 099	4 510 144	8 731 915	4	4
		1999.. 51 496	1 539 505	38 228	76 603	942 665	4 125 520	4 109 966	8 228 928	3	3
		1998.. 50 390	1 467 474	37 564	75 611	903 567	4 305 736	4 123 769	8 446 322	1	2
		1997.. 50 585	1 469 986	38 044	75 809	911 858	4 131 262	4 176 410	8 323 213	X	X
327	Nonmetallic mineral product mfg .....	2000.. 522 265	18 532 739	407 994	857 681	12 917 675	55 721 859	42 172 422	97 483 765	1	1
		1999.. 523 019	17 914 663	408 000	859 734	12 538 622	55 635 055	40 792 171	96 153 399	1	1
		1998.. 507 938	16 865 696	397 122	832 074	11 943 566	52 851 161	39 623 487	92 501 490	1	1
		1997.. 501 471	16 172 049	388 898	797 684	11 319 464	49 425 491	37 072 480	86 464 708	X	X
3271	Clay product & refractory mfg .....	2000.. 74 934	2 346 419	59 508	121 153	1 611 287	6 328 343	3 256 961	9 494 846	3	2
		1999.. 76 658	2 304 587	60 689	122 739	1 606 391	6 304 844	3 112 930	9 418 096	1	1
		1998.. 77 657	2 229 006	61 949	123 749	1 579 765	5 957 470	3 169 435	9 127 901	1	1
		1997.. 80 441	2 235 382	63 892	126 455	1 576 150	5 915 703	3 201 379	9 107 840	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
327	Nonmetallic mineral product mfg—Con.										
3271	Clay product & refractory mfg—Con.										
32711	Pottery, ceramics, & plumbing fixture mfg .....	2000.. 37 390	1 121 496	30 142	60 685	770 239	2 940 378	1 228 026	4 151 125	5	2
		1999.. 39 070	1 119 162	31 865	63 807	796 037	2 914 497	1 180 542	4 085 987	2	2
		1998.. 41 155	1 125 359	33 346	65 238	820 798	2 888 564	1 255 088	4 132 541	2	1
		1997.. 42 557	1 114 784	34 231	66 068	803 891	2 813 867	1 199 660	3 992 979	X	X
327111	Vitreous china plumbing fixture & bathroom accessories mfg .....	2000.. 8 601	290 532	7 045	15 000	227 213	931 804	289 842	1 233 084	7	4
		1999.. 8 979	290 673	7 496	16 473	235 501	899 668	291 794	1 181 764	5	5
		1998.. 9 604	306 131	8 328	17 371	254 868	877 618	323 097	1 199 102	1	1
		1997.. 9 222	284 871	7 816	16 305	234 827	807 165	287 587	1 109 995	X	X
327112	Vitreous china, fine earthenware, & other pottery product mfg .....	2000.. 18 696	489 471	15 135	29 050	325 370	1 102 978	508 827	1 599 284	9	5
		1999.. 20 479	503 885	16 891	31 864	350 591	1 207 714	503 108	1 710 494	4	2
		1998.. 22 103	510 009	17 693	33 522	363 817	1 225 955	506 917	1 721 517	1	1
		1997.. 23 253	504 659	18 575	33 644	353 921	1 208 102	540 985	1 715 783	X	X
327113	Porcelain electrical supply mfg .....	2000.. 10 093	341 493	7 961	16 635	217 657	905 595	429 357	1 318 757	3	3
		1999.. 9 612	324 604	7 478	15 470	209 945	807 115	385 641	1 193 729	2	3
		1998.. 9 448	309 219	7 326	14 345	202 113	784 991	425 073	1 211 922	6	2
		1997.. 10 082	325 254	7 840	16 119	215 143	798 600	371 088	1 167 201	X	X
32712	Clay building material & refractories mfg .....	2000.. 37 544	1 224 923	29 366	60 468	841 048	3 387 966	2 028 934	5 343 720	2	3
		1999.. 37 589	1 185 426	28 824	58 932	810 354	3 390 346	1 932 388	5 332 109	2	2
		1998.. 36 502	1 103 647	28 602	58 511	758 968	3 068 906	1 914 347	4 995 359	1	1
		1997.. 37 884	1 120 598	29 661	60 387	772 259	3 101 836	2 001 719	5 114 861	X	X
327121	Brick & structural clay tile mfg .....	2000.. 14 382	429 741	11 612	24 693	308 658	1 313 330	540 544	1 823 142	2	3
		1999.. 14 170	415 292	11 376	23 173	289 505	1 261 087	480 600	1 771 520	2	3
		1998.. 13 182	363 358	10 547	22 018	250 658	1 047 273	421 298	1 484 450	2	2
		1997.. 13 694	360 947	10 858	22 136	248 671	970 014	439 178	1 411 833	X	X
327122	Ceramic wall & floor tile mfg .....	2000.. 9 082	250 446	7 569	14 352	187 625	655 084	347 501	976 439	5	9
		1999.. 8 705	229 154	6 619	13 118	161 043	680 560	315 544	973 068	4	7
		1998.. 8 337	203 764	7 114	13 849	159 136	526 377	298 724	808 892	2	1
		1997.. 8 755	214 860	7 439	15 017	166 180	556 920	297 905	851 405	X	X
327123	Other structural clay product mfg .....	2000.. 1 473	43 148	1 033	2 097	27 107	105 956	45 057	147 525	4	4
		1999.. 1 452	41 457	1 003	2 198	27 035	95 045	40 470	135 908	6	4
		1998.. 1 490	38 270	1 143	2 312	24 871	90 388	35 981	128 580	1	1
		1997.. 1 332	35 163	1 025	1 945	22 877	80 941	34 771	117 376	X	X
327124	Clay refractory mfg .....	2000.. 4 673	176 575	3 658	8 207	130 146	460 676	427 294	888 119	6	8
		1999.. 4 916	182 557	3 958	8 207	139 169	482 055	419 828	903 885	5	6
		1998.. 5 617	201 829	4 231	8 793	139 947	535 987	536 453	1 084 499	1	2
		1997.. 5 781	199 274	4 386	8 809	138 806	564 030	552 865	1 115 939	X	X
327125	Nonclay refractory mfg .....	2000.. 7 933	325 012	5 495	11 119	187 512	852 919	668 539	1 508 495	5	6
		1999.. 8 345	316 966	5 867	12 236	193 603	871 599	675 946	1 547 729	3	3
		1998.. 7 876	296 426	5 567	11 539	184 355	868 881	621 892	1 488 938	1	1
		1997.. 8 322	310 354	5 953	12 480	195 725	929 931	677 000	1 618 300	X	X
3272	Glass & glass product mfg .....	2000.. 127 451	4 805 541	104 301	217 445	3 526 801	14 993 671	9 616 377	24 498 017	1	1
		1999.. 127 321	4 645 579	104 777	218 219	3 420 380	14 319 421	9 107 948	23 350 174	1	1
		1998.. 127 206	4 442 821	104 876	215 934	3 330 096	13 937 363	8 816 769	22 666 755	1	1
		1997.. 128 565	4 428 351	105 051	217 330	3 320 718	14 052 256	8 735 491	22 732 942	X	X
32721	Glass & glass product mfg .....	2000.. 127 451	4 805 541	104 301	217 445	3 526 801	14 993 671	9 616 377	24 498 017	1	1
		1999.. 127 321	4 645 579	104 777	218 219	3 420 380	14 319 421	9 107 948	23 350 174	1	1
		1998.. 127 206	4 442 821	104 876	215 934	3 330 096	13 937 363	8 816 769	22 666 755	1	1
		1997.. 128 565	4 428 351	105 051	217 330	3 320 718	14 052 256	8 735 491	22 732 942	X	X
327211	Flat glass mfg .....	2000.. 11 652	541 291	9 457	19 976	432 256	1 967 714	1 044 114	2 990 213	1	1
		1999.. 11 387	568 879	9 358	20 616	445 688	1 942 055	897 030	2 844 153	1	1
		1998.. 11 500	540 673	9 476	21 012	422 610	1 766 794	936 703	2 720 682	1	1
		1997.. 11 579	535 454	9 474	21 457	421 377	1 888 714	926 796	2 795 507	X	X
327212	Other pressed & blown glass & glassware mfg .....	2000.. 35 009	1 337 237	29 241	61 655	1 010 502	4 110 382	1 840 391	5 886 027	1	1
		1999.. 34 301	1 227 151	28 648	59 131	933 510	3 887 105	1 715 424	5 614 089	1	1
		1998.. 35 089	1 218 756	29 539	61 830	949 920	4 217 055	1 883 150	6 060 145	1	1
		1997.. 35 383	1 228 719	29 423	61 361	943 615	4 341 468	1 809 430	6 094 602	X	X
327213	Glass container mfg .....	2000.. 16 846	773 256	14 912	30 891	654 841	2 540 500	1 600 607	4 125 005	1	1
		1999.. 19 220	818 898	17 146	34 668	695 074	2 690 808	1 550 300	4 215 397	1	1
		1998.. 19 935	822 235	17 879	35 924	698 497	2 677 305	1 594 989	4 216 315	1	1
		1997.. 21 184	840 703	18 679	37 300	710 641	2 557 999	1 589 110	4 198 122	X	X
327215	Glass product mfg made of purchased glass .....	2000.. 63 945	2 153 757	50 691	104 923	1 429 202	6 374 766	5 131 264	11 496 773	2	2
		1999.. 62 414	2 030 651	49 625	103 804	1 346 108	5 799 453	4 945 194	10 676 535	1	1
		1998.. 60 682	1 861 156	47 981	97 168	1 259 069	5 276 209	4 401 926	9 669 613	2	1
		1997.. 60 419	1 823 475	47 475	97 212	1 245 085	5 264 075	4 410 155	9 644 711	X	X
3273	Cement & concrete product mfg .....	2000.. 221 052	7 738 641	167 463	357 328	5 284 798	22 591 096	20 115 834	42 492 846	1	1
		1999.. 217 515	7 408 374	165 274	354 219	5 079 696	22 080 545	19 583 940	41 525 781	1	1
		1998.. 201 890	6 713 871	153 770	329 037	4 597 674	20 472 893	18 632 496	39 158 817	1	1
		1997.. 194 970	6 190 454	145 829	300 841	4 172 094	17 964 132	16 639 105	34 591 507	X	X
32731	Cement mfg .....	2000.. 17 118	829 025	12 725	28 055	561 309	4 608 390	2 588 380	7 082 467	2	1
		1999.. 17 323	815 732	12 848	28 599	550 313	4 564 089	2 526 645	7 030 974	1	1
		1998.. 17 227	756 333	12 706	27 382	505 424	4 440 531	2 528 933	6 984 000	1	1
		1997.. 16 925	734 226	12 496	27 244	498 001	4 022 503	2 475 798	6 531 747	X	X
327310	Cement mfg .....	2000.. 17 118	829 025	12 725	28 055	561 309	4 608 390	2 588 380	7 082 467	2	1
		1999.. 17 323	815 732	12 848	28 599	550 313	4 564 089	2 526 645	7 030 974	1	1
		1998.. 17 227	756 333	12 706	27 382	505 424	4 440 531	2 528 933	6 984 000	1	1
		1997.. 16 925	734 226	12 496	27 244	498 001	4 022 503	2 475 798	6 531 747	X	X
32732	Ready-mix concrete mfg .....	2000.. 101 457	3 625 212	80 047	171 930	2 645 184	9 540 091	11 338 860	20 880 268	1	2
		1999.. 102 044	3 529 981	81 141	173 135	2 592 088	9 475 861	11 081 867	20 569 578	1	2
		1998.. 94 401	3 177 079	75 157	158 418	2 346 495	8 832 097	10 533 584	19 388 319	1	1
		1997.. 93 136	2 965 346	72 464	147 770	2 153 268	7 780 774	9 418 330	17 219 886	X	

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
327	Nonmetallic mineral product mfg—Con.										
3273	Cement & concrete product mfg—Con.										
32733	Concrete pipe, brick, & block mfg . . . . .	2000.. 37 046	1 263 436	26 251	58 141	789 630	3 620 186	2 877 737	6 451 669	4	4
		1999.. 37 166	1 247 146	25 972	58 215	761 953	3 604 673	2 893 390	6 465 297	4	4
		1998.. 34 108	1 108 273	23 698	51 501	659 381	3 274 963	2 613 999	5 903 754	2	5
		1997.. 32 164	990 225	22 043	46 594	580 378	2 655 107	2 233 924	4 852 512	X	X
327331	Concrete block & brick mfg . . . . .	2000.. 22 365	768 003	14 023	31 873	445 793	2 084 746	1 944 917	3 990 847	7	7
		1999.. 22 653	749 140	14 206	31 904	429 368	2 057 071	1 938 501	3 974 234	6	6
		1998.. 19 602	636 918	12 486	26 451	344 081	1 751 508	1 696 743	3 454 680	3	5
		1997.. 18 079	559 417	11 202	23 738	292 938	1 463 652	1 407 165	2 844 076	X	X
327332	Concrete pipe mfg . . . . .	2000.. 14 681	495 434	12 227	26 268	343 836	1 535 440	932 821	2 460 822	4	4
		1999.. 14 512	498 006	11 766	26 311	332 584	1 547 602	954 889	2 491 063	4	3
		1998.. 14 506	471 355	11 212	25 050	315 300	1 523 455	917 256	2 449 074	3	9
		1997.. 14 085	430 808	10 841	22 856	287 440	1 191 455	826 759	2 008 436	X	X
32739	Other concrete product mfg . . . . .	2000.. 65 430	2 020 968	48 441	99 202	1 288 675	4 822 429	3 310 857	8 078 442	3	3
		1999.. 60 982	1 815 515	45 312	94 269	1 175 342	4 435 923	3 082 039	7 459 933	2	2
		1998.. 56 155	1 672 186	42 210	91 736	1 086 374	3 925 301	2 955 980	6 882 744	1	2
		1997.. 52 745	1 500 657	38 826	79 233	940 447	3 505 748	2 511 053	5 987 362	X	X
327390	Other concrete product mfg . . . . .	2000.. 65 430	2 020 968	48 441	99 202	1 288 675	4 822 429	3 310 857	8 078 442	3	3
		1999.. 60 982	1 815 515	45 312	94 269	1 175 342	4 435 923	3 082 039	7 459 933	2	2
		1998.. 56 155	1 672 186	42 210	91 736	1 086 374	3 925 301	2 955 980	6 882 744	1	2
		1997.. 52 745	1 500 657	38 826	79 233	940 447	3 505 748	2 511 053	5 987 362	X	X
3274	Lime & gypsum product mfg . . . . .	2000.. 20 350	782 356	16 266	35 852	590 640	3 143 318	2 962 512	6 102 106	2	2
		1999.. 20 837	789 492	16 691	38 066	590 291	3 978 171	3 047 371	7 017 604	2	1
		1998.. 20 562	776 129	16 473	37 700	586 164	3 619 495	2 993 224	6 670 905	3	6
		1997.. 18 856	691 349	14 990	34 125	508 612	2 816 807	2 709 641	5 533 623	X	X
32741	Lime mfg . . . . .	2000.. 5 385	211 223	4 192	8 767	155 176	672 495	496 758	1 168 735	3	3
		1999.. 5 674	219 882	4 320	9 503	163 090	762 115	521 423	1 283 768	3	3
		1998.. 5 748	222 163	4 386	10 153	165 517	755 414	527 490	1 295 970	2	11
		1997.. 5 313	194 786	4 067	9 017	144 758	614 959	548 714	1 168 450	X	X
327410	Lime mfg . . . . .	2000.. 5 385	211 223	4 192	8 767	155 176	672 495	496 758	1 168 735	3	3
		1999.. 5 674	219 882	4 320	9 503	163 090	762 115	521 423	1 283 768	3	3
		1998.. 5 748	222 163	4 386	10 153	165 517	755 414	527 490	1 295 970	2	11
		1997.. 5 313	194 786	4 067	9 017	144 758	614 959	548 714	1 168 450	X	X
32742	Gypsum product mfg . . . . .	2000.. 14 965	571 133	12 074	27 086	435 464	2 470 823	2 465 755	4 933 371	3	3
		1999.. 15 163	569 610	12 371	28 563	427 201	3 216 056	2 525 949	5 733 836	2	2
		1998.. 14 813	553 966	12 087	27 547	420 647	2 864 081	2 465 733	5 374 935	4	7
		1997.. 13 543	496 563	10 923	25 108	363 854	2 201 848	2 160 927	4 365 173	X	X
327420	Gypsum product mfg . . . . .	2000.. 14 965	571 133	12 074	27 086	435 464	2 470 823	2 465 755	4 933 371	3	3
		1999.. 15 163	569 610	12 371	28 563	427 201	3 216 056	2 525 949	5 733 836	2	2
		1998.. 14 813	553 966	12 087	27 547	420 647	2 864 081	2 465 733	5 374 935	4	7
		1997.. 13 543	496 563	10 923	25 108	363 854	2 201 848	2 160 927	4 365 173	X	X
3279	Other nonmetallic mineral product mfg . . . . .	2000.. 78 479	2 859 781	60 456	125 904	1 904 149	8 665 430	6 220 738	14 895 950	1	1
		1999.. 80 686	2 766 631	60 569	126 491	1 841 863	8 952 074	5 939 981	14 841 743	1	1
		1998.. 80 623	2 703 870	60 054	125 654	1 849 866	8 863 939	6 011 563	14 877 112	1	1
		1997.. 78 639	2 626 513	59 136	118 933	1 741 890	8 676 593	5 786 864	14 498 796	X	X
32791	Abrasive product mfg . . . . .	2000.. 19 212	757 402	14 275	29 758	418 070	2 637 403	1 412 899	4 072 731	2	2
		1999.. 20 785	744 347	14 024	29 601	407 330	2 858 128	1 545 621	4 369 970	2	2
		1998.. 21 551	756 109	14 591	32 016	450 195	2 942 787	1 740 689	4 724 254	3	3
		1997.. 22 571	782 054	15 894	31 023	424 991	2 918 902	1 714 596	4 660 043	X	X
327910	Abrasive product mfg . . . . .	2000.. 19 212	757 402	14 275	29 758	418 070	2 637 403	1 412 899	4 072 731	2	2
		1999.. 20 785	744 347	14 024	29 601	407 330	2 858 128	1 545 621	4 369 970	2	2
		1998.. 21 551	756 109	14 591	32 016	450 195	2 942 787	1 740 689	4 724 254	3	3
		1997.. 22 571	782 054	15 894	31 023	424 991	2 918 902	1 714 596	4 660 043	X	X
32799	All other nonmetallic mineral product mfg . . . . .	2000.. 59 267	2 102 379	46 181	96 145	1 486 079	6 028 027	4 807 839	10 823 219	2	2
		1999.. 59 901	2 022 284	46 545	96 890	1 434 533	6 093 946	4 394 360	10 471 774	2	2
		1998.. 59 072	1 947 762	45 463	93 638	1 399 671	5 921 152	4 270 874	10 152 858	1	2
		1997.. 56 068	1 844 459	43 242	87 910	1 316 899	5 757 691	4 072 268	9 838 753	X	X
327991	Cut stone & stone product mfg . . . . .	2000.. 15 903	475 020	12 917	23 633	358 106	1 081 590	564 000	1 638 431	4	4
		1999.. 15 756	423 528	12 572	24 222	320 810	980 245	517 396	1 503 257	4	10
		1998.. 14 332	369 175	11 192	23 207	281 875	809 108	508 888	1 301 546	2	6
		1997.. 13 109	350 549	10 284	20 832	254 798	790 761	451 203	1 244 735	X	X
327992	Ground or treated mineral & earth mfg . . . . .	2000.. 10 045	368 392	7 395	15 789	239 120	1 228 150	1 081 112	2 298 819	2	4
		1999.. 10 130	370 657	7 475	15 894	239 209	1 330 169	955 325	2 268 757	2	3
		1998.. 9 757	353 037	7 170	15 054	229 330	1 315 086	902 660	2 222 143	3	5
		1997.. 10 115	360 995	7 149	15 130	227 263	1 427 108	943 880	2 362 480	X	X
327993	Mineral wool mfg . . . . .	2000.. 21 029	873 050	17 252	37 478	660 817	2 641 364	2 092 161	4 741 800	2	2
		1999.. 21 773	862 381	17 855	38 296	653 253	2 772 728	1 980 944	4 752 256	1	2
		1998.. 22 498	862 871	18 221	37 634	656 774	2 692 889	1 877 088	4 564 483	2	1
		1997.. 21 610	811 380	17 791	36 164	624 686	2 601 843	1 803 109	4 422 507	X	X
327999	All other miscellaneous nonmetallic mineral product mfg . . . . .	2000.. 12 290	385 916	8 617	19 245	228 036	1 076 924	1 070 566	2 144 169	5	6
		1999.. 12 242	365 718	8 642	18 479	221 262	1 010 804	940 694	1 947 505	5	3
		1998.. 12 486	362 679	8 880	17 744	231 693	1 104 069	982 238	2 064 686	2	4
		1997.. 11 234	321 535	8 018	15 784	210 152	937 979	874 076	1 809 031	X	X
331	Primary metal mfg . . . . .	2000.. 578 025	24 121 645	459 795	974 179	17 591 677	66 095 484	91 177 595	157 056 340	1	1
		1999.. 582 775	23 722 389	463 161	981 858	17 249 568	66 314 845	90 596 020	156 647 371	1	1
		1998.. 602 292	24 146 138	479 441	1 009 931	17 550 850	69 139 206	96 949 673	166 108 562	1	1
		1997.. 605 085	23 811 233	479 552	1 024 675	17 354 552	68 749 487	99 343 265	168 117 728	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
331	Primary metal mfg—Con.										
3311	Iron & steel mills & ferroalloy mfg .....	2000.. 144 091	7 619 989	113 304	248 483	5 734 141	21 634 539	32 600 909	53 945 888	1	1
		1999.. 141 942	7 327 094	111 192	242 573	5 516 088	21 859 931	31 136 551	53 175 466	1	1
		1998.. 148 392	7 661 084	116 310	252 494	5 756 821	24 416 122	32 711 493	57 047 607	1	1
		1997.. 149 875	7 604 810	117 490	258 552	5 751 639	25 432 010	33 174 527	58 383 159	X	X
33111	Iron & steel mills & ferroalloy mfg .....	2000.. 144 091	7 619 989	113 304	248 483	5 734 141	21 634 539	32 600 909	53 945 888	1	1
		1999.. 141 942	7 327 094	111 192	242 573	5 516 088	21 859 931	31 136 551	53 175 466	1	1
		1998.. 148 392	7 661 084	116 310	252 494	5 756 821	24 416 122	32 711 493	57 047 607	1	1
		1997.. 149 875	7 604 810	117 490	258 552	5 751 639	25 432 010	33 174 527	58 383 159	X	X
331111	Iron & steel mills .....	2000.. 140 857	7 470 751	111 216	243 597	5 645 127	21 259 751	32 025 154	52 977 696	1	1
		1999.. 138 995	7 193 490	109 164	238 089	5 432 298	21 471 531	30 584 744	52 234 527	1	1
		1998.. 144 723	7 501 782	113 737	246 519	5 654 675	23 853 178	31 836 630	55 614 780	1	1
		1997.. 146 215	7 450 380	114 865	252 629	5 649 360	24 868 550	32 324 688	56 994 468	X	X
331112	Electrometallurgical ferroalloy product mfg .....	2000.. 3 234	149 238	2 089	4 886	89 015	374 788	575 756	968 192	10	6
		1999.. 2 947	133 604	2 029	4 483	83 790	388 399	551 807	940 939	7	4
		1998.. 3 669	159 302	2 573	5 975	102 146	562 944	874 863	1 432 827	1	1
		1997.. 3 660	154 430	2 625	5 923	102 279	563 460	849 839	1 388 691	X	X
3312	Steel product mfg from purchased steel ..	2000.. 62 650	2 407 676	49 398	104 165	1 688 953	6 548 760	11 017 507	17 460 636	2	2
		1999.. 61 722	2 309 651	48 764	102 513	1 612 901	6 417 465	10 590 890	16 911 585	2	2
		1998.. 64 483	2 380 165	50 829	107 853	1 685 704	6 572 907	12 215 083	18 823 409	2	1
		1997.. 64 200	2 306 920	49 895	105 540	1 620 447	6 762 383	11 817 088	18 516 877	X	X
33121	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 27 180	1 027 276	21 502	44 506	715 258	2 966 546	4 880 094	7 784 283	4	3
		1999.. 26 246	967 367	20 845	42 516	661 166	2 827 238	4 558 023	7 349 368	4	3
		1998.. 27 313	994 813	21 379	45 311	682 535	2 615 360	4 894 145	7 537 341	1	1
		1997.. 26 864	956 735	21 004	44 364	658 737	2 784 745	4 698 884	7 450 132	X	X
331210	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 27 180	1 027 276	21 502	44 506	715 258	2 966 546	4 880 094	7 784 283	4	3
		1999.. 26 246	967 367	20 845	42 516	661 166	2 827 238	4 558 023	7 349 368	4	3
		1998.. 27 313	994 813	21 379	45 311	682 535	2 615 360	4 894 145	7 537 341	1	1
		1997.. 26 864	956 735	21 004	44 364	658 737	2 784 745	4 698 884	7 450 132	X	X
33122	Rolling & drawing of purchased steel ...	2000.. 35 470	1 380 400	27 896	59 659	973 695	3 582 214	6 137 413	9 676 354	1	1
		1999.. 35 476	1 342 284	27 918	59 998	951 735	3 590 228	6 032 867	9 562 217	1	1
		1998.. 37 170	1 385 352	29 450	62 542	1 003 168	3 957 547	7 320 938	11 286 069	4	2
		1997.. 37 336	1 350 185	28 891	61 176	961 710	3 977 638	7 118 204	11 066 745	X	X
331221	Cold-rolled steel shape mfg .....	2000.. 12 852	593 176	9 686	20 024	405 414	1 631 583	3 460 953	5 094 136	3	2
		1999.. 12 000	553 052	8 867	18 968	373 153	1 563 396	3 283 280	4 795 643	2	1
		1998.. 14 319	637 705	10 493	22 081	436 130	1 934 527	4 323 644	6 266 371	1	2
		1997.. 14 106	630 082	10 234	21 284	433 053	2 030 226	4 227 476	6 239 017	X	X
331222	Steel wire drawing .....	2000.. 22 618	787 224	18 210	39 635	568 281	1 950 631	2 676 459	4 582 218	1	2
		1999.. 23 476	789 232	19 051	41 030	578 582	2 026 831	2 749 587	4 766 574	1	2
		1998.. 22 851	747 646	18 957	40 461	567 039	2 023 020	2 997 294	5 019 698	6	3
		1997.. 23 230	720 103	18 657	39 892	528 657	1 947 412	2 890 728	4 827 728	X	X
3313	Alumina & aluminum production & processing .....	2000.. 81 833	3 294 821	64 351	133 778	2 300 876	11 156 521	20 481 435	31 663 082	1	1
		1999.. 83 477	3 295 264	65 670	136 873	2 284 851	11 430 664	19 414 258	30 778 705	1	1
		1998.. 85 462	3 335 937	67 646	141 364	2 315 117	11 071 405	20 677 484	31 902 449	1	1
		1997.. 84 487	3 345 036	66 665	142 548	2 344 731	10 063 942	22 294 745	32 550 279	X	X
33131	Alumina & aluminum production & processing .....	2000.. 81 833	3 294 821	64 351	133 778	2 300 876	11 156 521	20 481 435	31 663 082	1	1
		1999.. 83 477	3 295 264	65 670	136 873	2 284 851	11 430 664	19 414 258	30 778 705	1	1
		1998.. 85 462	3 335 937	67 646	141 364	2 315 117	11 071 405	20 677 484	31 902 449	1	1
		1997.. 84 487	3 345 036	66 665	142 548	2 344 731	10 063 942	22 294 745	32 550 279	X	X
331311	Alumina refining .....	2000.. 2 981	142 444	2 171	4 496	88 527	351 653	869 587	1 217 654	1	1
		1999.. 2 863	132 912	2 113	4 451	90 119	265 723	898 476	1 179 228	1	1
		1998.. 3 004	140 710	2 258	4 994	97 849	356 424	957 643	1 313 383	1	1
		1997.. 3 035	150 696	2 278	5 060	102 416	329 432	816 488	1 219 057	X	X
331312	Primary aluminum production .....	2000.. 14 797	658 909	11 907	24 457	485 046	2 141 177	3 841 108	5 988 819	1	1
		1999.. 16 168	687 678	13 019	25 987	498 745	2 108 713	3 688 910	5 810 350	1	1
		1998.. 16 317	730 453	13 098	26 621	524 792	2 299 357	3 912 975	6 211 867	1	1
		1997.. 15 763	707 402	12 624	26 074	512 941	2 432 972	3 706 850	6 224 610	X	X
331314	Secondary smelting & alloying of aluminum .....	2000.. 7 634	263 449	5 800	11 789	177 705	799 625	2 931 930	3 744 074	3	6
		1999.. 7 380	252 856	5 678	12 069	167 914	803 893	2 792 435	3 577 417	2	7
		1998.. 6 918	237 122	5 391	11 996	161 364	873 707	2 698 716	3 566 237	1	6
		1997.. 6 614	226 469	5 036	10 930	149 770	796 535	2 799 262	3 595 436	X	X
331315	Aluminum sheet, plate, & foil mfg .....	2000.. 21 556	1 046 997	16 554	34 608	733 040	4 802 043	8 227 536	13 046 911	3	1
		1999.. 22 332	1 072 817	17 162	36 615	745 351	5 251 638	7 642 456	12 814 130	3	1
		1998.. 23 416	1 083 592	17 831	38 522	736 990	4 459 105	8 498 568	13 054 353	1	1
		1997.. 24 709	1 175 506	19 015	41 140	818 202	3 546 870	10 076 298	13 708 307	X	X
331316	Aluminum extruded product mfg .....	2000.. 30 713	1 040 827	24 646	51 999	706 724	2 554 693	3 501 803	6 054 645	1	2
		1999.. 30 727	1 007 963	24 508	51 103	682 713	2 544 127	3 368 317	5 914 592	1	2
		1998.. 31 690	1 001 575	25 803	52 270	691 486	2 540 236	3 570 602	6 170 183	1	1
		1997.. 30 357	944 829	24 556	52 804	661 814	2 476 351	3 742 324	6 177 701	X	X
331319	Other aluminum rolling & drawing .....	2000.. 4 153	142 195	3 272	6 430	99 834	507 330	1 109 471	1 610 980	3	5
		1999.. 4 007	141 038	3 191	6 648	100 009	456 570	1 023 663	1 482 989	1	5
		1998.. 4 115	142 485	3 265	6 960	102 636	542 575	1 038 980	1 586 426	1	1
		1997.. 4 009	140 134	3 156	6 540	99 588	481 782	1 153 523	1 625 168	X	X
3314	Nonferrous metal (except aluminum) production & processing .....	2000.. 71 879	2 884 964	52 600	111 443	1 926 557	8 858 668	14 659 258	23 734 674	2	3
		1999.. 73 505	2 913 914	54 485	117 766	1 948 792	8 800 283	17 317 802	25 921 043	2	2
		1998.. 80 519	3 062 091	60 215	127 645	2 051 831	9 745 247	19 210 179	28 990 718	1	1
		1997.. 81 162	3 048 301	60 466	130 927	2 050 452	9 598 600	19 838 235	29 616 370	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
331	Primary metal mfg—Con.										
3314	Nonferrous metal (except aluminum) production & processing—Con.										
33141	Nonferrous metal (except aluminum) smelting & refining .....	2000.. 12 056	520 851	8 462	18 026	333 948	2 009 757	3 203 012	5 307 771	6	3
		1999.. 13 703	573 105	9 900	21 783	378 717	2 050 939	5 803 928	7 797 368	3	2
		1998.. 16 102	628 798	11 675	25 421	424 960	2 469 228	6 498 857	8 975 322	1	1
		1997.. 16 568	651 108	12 234	26 895	441 795	2 455 517	6 977 108	9 530 263	X	X
331411	Primary smelting & refining of copper .....	2000.. 2 859	119 883	2 227	4 952	89 483	872 551	1 478 151	2 448 314	1	1
		1999.. 4 744	193 262	3 565	7 538	142 516	804 172	3 947 000	4 709 764	1	1
		1998.. 6 539	249 314	5 000	11 174	188 795	987 607	4 598 402	5 608 129	1	1
		1997.. 7 360	287 382	5 721	12 640	218 511	1 029 440	5 010 388	6 128 370	X	X
331419	Other nonferrous metal primary smelting & refining .....	2000.. 9 197	400 968	6 235	13 074	244 464	1 137 206	1 724 861	2 859 457	8	5
		1999.. 8 959	379 842	6 335	14 244	236 201	1 246 767	1 856 928	3 087 604	4	3
		1998.. 9 563	379 484	6 674	14 246	236 164	1 481 621	1 900 455	3 367 193	1	2
		1997.. 9 208	363 726	6 513	14 255	223 284	1 426 077	1 966 720	3 401 893	X	X
33142	Copper rolling, drawing, extruding, & alloying .....	2000.. 25 824	991 706	19 739	43 057	688 705	3 145 646	6 425 199	9 565 001	2	2
		1999.. 25 356	963 053	19 507	42 269	668 952	2 950 742	6 112 920	9 056 277	2	2
		1998.. 27 874	1 020 359	21 847	45 894	713 956	3 019 928	6 695 493	9 743 085	1	2
		1997.. 27 583	996 132	21 275	46 338	695 579	2 951 706	6 834 865	9 800 616	X	X
331421	Copper rolling, drawing, & extruding .....	2000.. 19 955	775 114	15 692	34 417	559 084	2 541 606	5 170 808	7 711 509	1	1
		1999.. 19 796	768 986	15 634	34 030	552 008	2 426 213	4 913 857	7 327 314	1	2
		1998.. 21 112	798 339	16 867	35 624	580 381	2 333 827	5 204 899	7 551 082	1	1
		1997.. 21 012	780 787	16 504	36 325	564 338	2 303 999	5 306 797	7 619 953	X	X
331422	Copper wire (except mechanical) drawing .....	2000.. 3 808	131 998	2 714	5 799	83 826	419 555	453 435	869 205	10	11
		1999.. 3 493	110 208	2 489	5 333	71 938	363 153	407 660	774 539	10	6
		1998.. 4 476	132 770	3 428	6 891	85 684	378 141	662 505	1 050 400	3	17
		1997.. 4 238	124 240	3 191	6 593	82 651	324 392	659 613	983 284	X	X
331423	Secondary smelting, refining, & alloying of copper .....	2000.. 2 061	84 593	1 334	2 842	45 794	184 485	800 955	984 288	3	8
		1999.. 2 066	83 859	1 385	2 906	45 006	161 377	791 402	954 425	3	9
		1998.. 2 285	89 251	1 552	3 379	47 891	307 960	828 089	1 141 602	2	1
		1997.. 2 333	91 105	1 580	3 420	48 590	323 315	868 455	1 197 379	X	X
33149	Other nonferrous metal rolling, drawing, extruding, & alloying .....	2000.. 33 999	1 372 407	24 398	50 359	903 905	3 703 266	5 031 047	8 861 902	4	7
		1999.. 34 446	1 377 756	25 078	53 714	901 123	3 798 601	5 400 954	9 067 398	3	5
		1998.. 36 544	1 412 933	26 693	56 330	912 916	4 256 091	6 015 829	10 272 312	1	1
		1997.. 37 011	1 401 061	26 957	57 694	913 078	4 191 377	6 026 262	10 285 491	X	X
331491	Other nonferrous metal rolling, drawing, & extruding .....	2000.. 23 828	968 897	17 050	35 325	649 281	2 678 504	3 328 836	6 034 560	2	2
		1999.. 24 432	976 845	17 651	37 921	642 605	2 579 078	3 651 889	6 192 238	2	2
		1998.. 25 581	997 651	18 685	39 156	647 863	3 051 813	4 001 655	7 049 867	1	1
		1997.. 25 484	977 877	18 616	40 298	643 810	2 982 604	4 013 631	7 057 705	X	X
331492	Other nonferrous metal secondary smelting, refining, & alloying .....	2000.. 10 170	403 510	7 348	15 035	254 624	1 024 762	1 702 210	2 827 342	11	26
		1999.. 10 013	400 912	7 427	15 794	258 518	1 219 523	1 749 065	2 875 160	11	16
		1998.. 10 963	415 282	8 008	17 174	265 052	1 204 278	2 014 174	3 222 445	1	2
		1997.. 11 527	423 184	8 341	17 396	269 268	1 208 773	2 012 631	3 227 786	X	X
3315	Foundries .....	2000.. 217 572	7 914 196	180 142	376 310	5 941 150	17 896 995	12 418 487	30 252 060	1	1
		1999.. 222 130	7 876 467	183 050	382 133	5 886 937	17 806 502	12 136 520	29 860 573	1	1
		1998.. 223 436	7 706 861	184 442	380 575	5 741 377	17 333 526	12 135 434	29 344 738	2	1
		1997.. 225 361	7 506 166	185 036	387 108	5 587 283	16 892 552	12 218 670	29 051 043	X	X
33151	Ferrous metal foundries .....	2000.. 125 786	4 930 640	104 039	219 344	3 787 536	10 929 000	7 285 635	18 186 601	1	1
		1999.. 129 184	4 890 198	106 498	225 833	3 726 176	10 972 715	7 044 140	17 996 005	1	1
		1998.. 127 298	4 699 658	105 697	221 974	3 583 940	10 503 722	6 826 842	17 301 635	3	2
		1997.. 131 574	4 630 562	108 523	229 689	3 520 853	10 449 320	7 018 088	17 428 045	X	X
331511	Iron foundries .....	2000.. 3 889	3 389 901	67 985	143 129	2 658 494	7 365 265	5 121 435	12 464 894	2	2
		1999.. 82 711	3 348 621	68 963	148 342	2 598 517	7 354 541	4 913 084	12 260 295	1	2
		1998.. 80 456	3 185 121	67 615	144 684	2 474 145	7 008 027	4 918 438	11 901 857	4	3
		1997.. 85 429	3 211 357	70 950	153 103	2 476 238	7 043 449	5 144 588	12 187 267	X	X
331512	Steel investment foundries .....	2000.. 22 318	741 660	17 746	36 564	542 010	1 899 409	894 877	2 799 222	1	1
		1999.. 22 521	723 523	18 049	36 331	526 901	1 857 538	856 089	2 718 757	1	2
		1998.. 22 282	707 848	18 063	35 367	526 073	1 732 756	711 634	2 445 360	4	2
		1997.. 22 673	669 452	18 385	36 870	494 655	1 656 130	715 264	2 341 737	X	X
331513	Steel foundries (except investment) ..	2000.. 22 568	799 078	18 308	39 652	587 032	1 664 325	1 269 323	2 922 485	3	3
		1999.. 23 952	818 054	19 486	41 160	600 757	1 760 636	1 274 967	3 016 953	3	3
		1998.. 24 560	806 689	20 019	41 923	583 722	1 762 940	1 196 770	2 954 419	1	1
		1997.. 23 472	749 753	19 188	39 716	549 960	1 749 741	1 158 236	2 899 041	X	X
33152	Nonferrous metal foundries .....	2000.. 91 787	2 983 557	76 103	156 966	2 153 613	6 967 995	5 132 852	12 065 459	3	3
		1999.. 92 946	2 986 269	76 552	156 300	2 160 761	6 833 788	5 092 380	11 864 568	2	2
		1998.. 96 138	3 007 203	78 745	158 601	2 157 437	6 829 803	5 308 592	12 042 743	1	2
		1997.. 93 787	2 875 604	76 513	157 419	2 066 430	6 443 232	5 200 582	11 622 998	X	X
331521	Aluminum die-casting foundries .....	2000.. 27 051	896 044	22 621	46 489	678 736	2 093 419	1 796 753	3 894 573	5	7
		1999.. 27 534	936 373	22 929	48 014	707 829	2 061 915	1 780 759	3 809 045	3	4
		1998.. 28 067	931 554	23 196	47 781	689 706	2 116 946	1 908 736	3 963 483	2	3
		1997.. 27 516	899 544	22 771	47 159	675 908	1 967 631	1 874 589	3 843 845	X	X
331522	Nonferrous (except aluminum) die-casting foundries .....	2000.. 16 084	507 017	12 923	26 688	354 016	1 275 665	856 554	2 124 997	4	9
		1999.. 16 689	501 675	13 416	26 582	347 452	1 322 282	870 448	2 184 384	3	9
		1998.. 17 477	509 048	14 028	26 082	354 189	1 219 647	942 566	2 175 386	3	3
		1997.. 16 840	488 196	13 421	26 711	337 972	1 128 064	868 735	1 998 772	X	X
331524	Aluminum foundries (except die-casting) .....	2000.. 35 108	1 145 579	29 553	60 610	829 112	2 589 714	1 848 039	4 417 196	5	3
		1999.. 34 839	1 108 696	28 981	58 722	806 987	2 444 401	1 797 344	4 224 777	5	2
		1998.. 35 234	1 056 853	28 891	59 429	766 254	2 288 331	1 756 738	4 050 612	1	1
		1997.. 33 768	1 006 954	27 581	57 846	718 127	2 195 343	1 725 459	3 916 527	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
331	Primary metal mfg—Con.										
3315	Foundries—Con.										
33152	Nonferrous metal foundries—Con.										
331525	Copper foundries (except die-casting) .....	2000..	9 126	266 881	7 549	15 677	189 053	538 731	365 193	901 256	7 7
		1999..	9 341	269 530	7 658	15 432	194 572	555 481	370 685	920 057	5 5
		1998..	9 353	271 763	7 854	15 765	199 780	524 971	346 183	864 496	5 4
		1997..	8 868	258 151	7 388	14 997	191 431	511 783	339 705	846 578	X X
331528	Other nonferrous foundries (except die-casting) .....	2000..	4 418	168 035	3 457	7 502	102 697	470 467	266 312	727 437	9 5
		1999..	4 564	169 994	3 568	7 550	103 921	449 708	273 144	726 305	8 4
		1998..	6 008	237 985	4 777	9 544	147 507	679 907	354 368	988 765	9 12
		1997..	6 795	222 759	5 352	10 706	142 992	640 411	392 094	1 017 276	X X
332	Fabricated metal product mfg .....	2000..	1 820 595	62 569 908	1 379 480	2 767 337	40 161 659	149 449 336	121 057 692	269 181 250	1 1
		1999..	1 795 909	60 055 114	1 352 873	2 737 440	38 404 126	142 248 693	115 256 788	257 071 635	1 1
		1998..	1 811 231	59 343 525	1 370 317	2 808 130	38 061 171	139 741 081	114 554 012	253 720 456	1 1
		1997..	1 763 772	56 631 583	1 327 053	2 674 948	36 251 771	133 493 077	110 067 843	242 813 453	X X
3321	Forging & stamping .....	2000..	167 950	6 047 895	128 929	268 644	3 964 857	14 481 921	13 484 826	27 837 356	1 2
		1999..	163 122	5 721 192	123 900	256 287	3 720 873	13 303 144	12 773 779	26 147 029	1 1
		1998..	163 571	5 737 171	124 881	262 889	3 731 305	13 076 527	12 614 959	25 645 686	1 1
		1997..	158 944	5 461 638	121 141	254 289	3 565 677	12 458 562	12 039 551	24 375 589	X X
33211	Forging & stamping .....	2000..	167 950	6 047 895	128 929	268 644	3 964 857	14 481 921	13 484 826	27 837 356	1 2
		1999..	163 122	5 721 192	123 900	256 287	3 720 873	13 303 144	12 773 779	26 147 029	1 1
		1998..	163 571	5 737 171	124 881	262 889	3 731 305	13 076 527	12 614 959	25 645 686	1 1
		1997..	158 944	5 461 638	121 141	254 289	3 565 677	12 458 562	12 039 551	24 375 589	X X
332111	Iron & steel forging .....	2000..	26 418	1 047 934	19 560	41 353	700 599	2 396 667	2 546 561	4 927 888	3 2
		1999..	25 929	1 017 222	19 407	40 780	683 860	2 285 771	2 419 465	4 743 533	3 2
		1998..	28 404	1 133 210	21 224	44 929	748 963	2 656 789	2 708 535	5 378 169	2 2
		1997..	26 156	1 020 473	19 766	42 001	687 494	2 423 265	2 482 765	4 869 727	X X
332112	Nonferrous forging .....	2000..	9 570	386 534	7 310	14 835	262 812	1 008 698	929 847	1 931 500	4 4
		1999..	9 558	377 637	7 181	14 176	248 595	1 031 784	953 516	1 987 063	2 3
		1998..	9 258	353 955	7 026	14 761	242 438	999 364	855 104	1 845 332	1 1
		1997..	8 991	363 301	6 850	15 270	254 379	991 288	856 947	1 838 385	X X
332114	Custom roll forming .....	2000..	16 562	571 931	12 425	25 342	360 274	1 448 516	2 390 421	3 818 481	3 5
		1999..	15 978	541 722	11 880	24 268	337 901	1 431 408	2 181 814	3 624 374	2 3
		1998..	15 538	542 067	11 077	23 779	332 709	1 304 404	2 180 582	3 483 675	2 6
		1997..	15 852	522 950	11 370	23 765	314 799	1 343 729	1 992 247	3 301 907	X X
332115	Crown & closure mfg .....	2000..	4 026	153 772	3 355	7 160	114 180	346 060	537 745	887 715	1 5
		1999..	4 107	158 597	3 461	7 521	119 444	329 043	565 114	896 325	1 1
		1998..	3 757	155 817	3 251	7 619	116 521	426 200	502 947	923 589	20 4
		1997..	4 576	161 511	3 787	7 949	120 527	430 618	519 503	953 864	X X
332116	Metal stamping .....	2000..	100 063	3 467 518	78 105	163 044	2 270 004	8 432 464	6 453 568	14 794 834	1 3
		1999..	96 713	3 231 147	73 967	152 500	2 084 809	7 388 409	6 040 742	13 418 964	1 2
		1998..	95 402	3 159 060	74 085	154 658	2 042 318	6 856 422	5 791 217	12 614 240	1 2
		1997..	92 511	3 022 396	71 443	148 535	1 950 581	6 471 538	5 637 898	12 078 985	X X
332117	Powder metallurgy part mfg .....	2000..	11 311	420 206	8 174	16 909	256 988	849 117	626 684	1 476 938	11 10
		1999..	10 837	394 867	8 005	17 043	246 263	836 729	613 127	1 476 771	8 10
		1998..	11 212	393 062	8 218	17 143	248 355	833 348	576 575	1 400 680	1 1
		1997..	10 858	371 007	7 925	16 769	237 897	798 124	550 191	1 332 721	X X
3322	Cutlery & handtool mfg .....	2000..	78 695	2 683 656	58 015	115 508	1 667 316	7 822 318	4 609 485	12 452 856	1 2
		1999..	78 780	2 608 331	58 971	118 335	1 630 475	7 865 341	4 429 160	12 271 314	1 2
		1998..	77 814	2 575 141	58 753	118 692	1 579 371	7 501 331	4 203 178	11 706 180	1 1
		1997..	77 337	2 484 032	57 934	116 634	1 540 077	7 483 422	4 020 780	11 475 344	X X
33221	Cutlery & handtool mfg .....	2000..	78 695	2 683 656	58 015	115 508	1 667 316	7 822 318	4 609 485	12 452 856	1 2
		1999..	78 780	2 608 331	58 971	118 335	1 630 475	7 865 341	4 429 160	12 271 314	1 2
		1998..	77 814	2 575 141	58 753	118 692	1 579 371	7 501 331	4 203 178	11 706 180	1 1
		1997..	77 337	2 484 032	57 934	116 634	1 540 077	7 483 422	4 020 780	11 475 344	X X
332211	Cutlery & flatware (except precious) mfg .....	2000..	9 640	332 873	7 747	15 505	225 919	1 414 051	487 564	1 920 971	3 2
		1999..	9 760	341 475	7 900	16 625	230 217	1 526 542	503 719	2 026 236	3 2
		1998..	10 233	336 432	8 010	15 172	220 280	1 544 937	526 271	2 081 366	1 1
		1997..	10 301	331 471	8 091	15 550	219 765	1 565 685	487 348	2 013 256	X X
332212	Hand & edge tool mfg .....	2000..	53 345	1 810 561	39 106	75 620	1 111 711	4 734 539	2 898 694	7 634 463	1 2
		1999..	53 188	1 739 315	39 735	76 887	1 076 854	4 655 685	2 708 716	7 325 089	1 2
		1998..	51 362	1 709 131	38 868	78 135	1 033 598	4 354 960	2 578 184	6 921 129	2 2
		1997..	50 598	1 639 098	37 657	76 023	1 004 772	4 296 327	2 420 554	6 713 485	X X
332213	Saw blade & handsaw mfg .....	2000..	9 724	343 403	6 703	14 016	196 054	985 030	605 567	1 590 993	5 6
		1999..	9 344	320 927	6 589	14 135	188 523	957 605	566 520	1 525 660	4 5
		1998..	9 168	312 386	6 464	13 214	180 770	939 943	552 267	1 474 946	2 3
		1997..	9 127	300 001	6 596	13 759	179 674	878 749	554 627	1 447 890	X X
332214	Kitchen utensil, pot, & pan mfg .....	2000..	5 986	196 818	4 459	10 367	133 632	688 698	617 660	1 306 429	3 15
		1999..	6 488	206 614	4 747	10 689	134 881	725 509	650 205	1 394 329	2 14
		1998..	7 050	217 193	5 412	12 171	144 723	661 491	546 455	1 228 739	2 5
		1997..	7 311	213 462	5 590	11 302	135 866	742 661	558 251	1 300 713	X X
3323	Architectural & structural metals mfg .....	2000..	417 966	13 604 278	307 890	621 318	8 406 240	32 245 194	31 941 995	63 885 304	1 1
		1999..	411 100	12 933 311	300 880	618 083	7 925 135	30 307 162	30 175 439	60 302 744	1 1
		1998..	396 089	12 255 149	290 203	597 725	7 513 222	28 291 405	29 043 429	57 175 435	1 1
		1997..	381 573	11 447 903	278 403	563 624	6 983 127	26 495 235	27 299 174	53 547 213	X X
33231	Plate work & fabricated structural product mfg .....	2000..	153 650	5 261 086	111 489	226 363	3 204 788	13 076 857	14 427 288	27 395 431	1 2
		1999..	155 526	5 161 236	112 377	231 151	3 133 990	12 619 891	13 958 061	26 513 296	2 2
		1998..	148 496	4 797 731	106 878	215 180	2 937 237	11 537 877	13 659 595	25 163 782	1 1
		1997..	144 843	4 528 931	104 954	213 352	2 754 793	10 810 136	12 913 525	23 574 845	X X
332311	Prefabricated metal building & component mfg .....	2000..	28 811	888 592	19 521	40 788	501 393	2 415 672	2 982 243	5 399 636	3 5
		1999..	28 456	886 457	19 334	41 296	493 567	2 384 340	2 960 392	5 345 134	3 4
		1998..	26 465	835 808							



**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—		
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
332	Fabricated metal product mfg—Con.											
3323	Architectural & structural metals mfg—Con.											
33231	Plate work & fabricated structural product mfg—Con.											
332313	Plate work mfg .....	2000..	25 879	872 356	19 883	41 190	573 718	1 864 240	1 305 246	3 142 202	3	4
		1999..	25 349	831 087	19 493	40 296	545 352	1 771 456	1 246 345	3 008 323	2	5
		1998..	25 624	812 038	19 388	40 920	512 910	1 551 950	1 315 170	2 880 864	2	2
		1997..	25 205	787 831	19 205	37 417	501 927	1 553 936	1 240 164	2 773 148	X	X
33232	Ornamental & architectural metal products mfg .....	2000..	264 317	8 343 192	196 400	394 955	5 201 451	19 168 337	17 514 706	36 489 874	1	1
		1999..	255 574	7 772 075	188 503	386 932	4 791 144	17 687 271	16 217 378	33 789 448	1	1
		1998..	247 592	7 457 418	183 324	382 545	4 575 984	16 753 528	15 383 834	32 011 654	1	1
		1997..	236 730	6 918 972	173 449	350 272	4 228 334	15 685 099	14 385 649	29 972 368	X	X
332321	Metal window & door mfg .....	2000..	83 885	2 328 846	61 177	126 728	1 428 620	5 787 665	6 230 872	12 013 656	2	3
		1999..	83 063	2 242 494	59 904	125 337	1 374 201	5 490 609	6 004 134	11 493 351	1	2
		1998..	77 916	2 121 416	57 031	126 885	1 255 210	5 117 058	5 948 655	11 035 318	1	2
		1997..	74 063	1 941 363	53 359	110 089	1 146 743	4 775 082	5 452 511	10 209 522	X	X
332322	Sheet metal work mfg .....	2000..	142 682	4 818 627	107 798	211 709	3 069 792	10 623 311	8 884 757	19 354 524	2	2
		1999..	134 155	4 389 549	100 674	203 624	2 749 283	9 600 373	7 938 663	17 445 535	2	2
		1998..	133 229	4 255 130	99 662	201 019	2 664 399	9 283 760	7 360 108	16 569 419	1	1
		1997..	127 791	3 991 922	95 091	190 440	2 481 680	8 660 105	7 000 352	15 584 570	X	X
332323	Ornamental & architectural metal work mfg .....	2000..	37 749	1 195 719	27 425	56 518	703 039	2 757 361	2 399 077	5 121 694	3	3
		1999..	38 356	1 140 032	27 925	57 972	667 661	2 596 289	2 274 581	4 850 562	3	4
		1998..	36 447	1 080 872	26 631	54 641	656 375	2 352 709	2 075 071	4 406 917	1	2
		1997..	34 876	985 687	24 999	49 743	599 911	2 249 912	1 932 786	4 178 276	X	X
3324	Boiler, tank, & shipping container mfg .....	2000..	97 425	3 676 404	74 051	154 539	2 458 087	9 698 368	13 298 687	22 831 388	2	2
		1999..	101 408	3 806 097	76 834	159 399	2 552 524	9 399 022	13 391 420	22 879 636	1	1
		1998..	102 038	3 779 201	77 876	163 944	2 540 058	9 688 546	13 809 571	23 409 352	1	1
		1997..	102 191	3 675 396	77 575	161 221	2 517 902	8 927 099	13 889 768	22 714 389	X	X
33241	Power boiler & heat exchanger mfg .....	2000..	26 469	922 790	18 727	37 136	568 906	2 057 971	1 954 219	3 957 213	3	7
		1999..	26 789	940 570	19 072	37 967	568 906	2 017 768	1 893 889	3 935 170	3	4
		1998..	28 604	999 352	20 591	42 841	608 412	2 226 085	1 977 808	4 159 324	2	3
		1997..	27 576	947 859	19 629	41 076	579 159	2 073 515	1 820 863	3 867 379	X	X
332410	Power boiler & heat exchanger mfg .....	2000..	26 469	922 790	18 727	37 136	568 972	2 057 971	1 954 219	3 957 213	3	7
		1999..	26 789	940 570	19 072	37 967	568 906	2 017 768	1 893 889	3 935 170	3	4
		1998..	28 604	999 352	20 591	42 841	608 412	2 226 085	1 977 808	4 159 324	2	3
		1997..	27 576	947 859	19 629	41 076	579 159	2 073 515	1 820 863	3 867 379	X	X
33242	Metal tank (heavy gauge) mfg .....	2000..	29 868	1 147 993	21 352	45 057	703 100	2 426 783	2 210 321	4 619 086	4	3
		1999..	33 414	1 228 442	24 054	49 597	761 627	2 482 507	2 363 291	4 890 993	3	3
		1998..	32 556	1 155 777	23 643	48 789	706 162	2 494 459	2 316 133	4 800 714	2	3
		1997..	33 300	1 129 336	23 961	48 872	697 464	2 394 902	2 320 414	4 703 647	X	X
332420	Metal tank (heavy gauge) mfg .....	2000..	29 868	1 147 993	21 352	45 057	703 100	2 426 783	2 210 321	4 619 086	4	3
		1999..	33 414	1 228 442	24 054	49 597	761 627	2 482 507	2 363 291	4 890 993	3	3
		1998..	32 556	1 155 777	23 643	48 789	706 162	2 494 459	2 316 133	4 800 714	2	3
		1997..	33 300	1 129 336	23 961	48 872	697 464	2 394 902	2 320 414	4 703 647	X	X
33243	Metal can, box, & other metal container (light gauge) mfg .....	2000..	41 087	1 605 621	33 971	72 346	1 194 015	5 213 614	9 134 147	14 255 089	2	1
		1999..	41 205	1 637 086	33 709	71 835	1 221 991	4 898 747	9 134 241	14 053 473	2	1
		1998..	40 879	1 624 072	33 642	72 314	1 225 485	4 968 001	9 515 630	14 449 314	1	1
		1997..	41 315	1 598 201	33 985	71 273	1 241 279	4 458 682	9 748 491	14 143 363	X	X
332431	Metal can mfg .....	2000..	23 581	1 048 702	20 265	44 180	830 385	4 012 189	7 646 133	11 581 061	2	1
		1999..	24 557	1 109 274	21 018	46 790	886 740	3 802 582	7 707 878	11 528 153	1	1
		1998..	25 098	1 124 249	21 539	46 229	902 479	3 812 529	8 118 457	11 878 080	1	1
		1997..	26 747	1 167 821	22 613	48 349	960 601	3 497 960	8 495 802	11 930 448	X	X
332439	Other metal container mfg .....	2000..	17 507	556 919	13 706	28 165	363 630	1 201 425	1 488 014	2 674 028	4	4
		1999..	16 648	527 811	12 690	25 045	335 251	1 096 165	1 426 363	2 525 320	3	3
		1998..	15 780	499 822	12 103	26 085	323 005	1 155 472	1 397 173	2 571 234	2	2
		1997..	14 568	430 380	11 372	22 924	280 678	960 722	1 252 689	2 212 915	X	X
3325	Hardware mfg .....	2000..	71 107	2 320 801	54 446	106 151	1 434 770	6 693 061	5 226 645	11 879 878	2	2
		1999..	70 844	2 284 950	54 004	108 403	1 413 520	6 633 140	4 862 668	11 408 920	2	1
		1998..	73 075	2 273 941	56 646	112 796	1 458 140	6 041 868	4 920 229	11 058 137	1	2
		1997..	75 437	2 327 164	58 122	116 400	1 516 675	6 162 972	4 937 806	11 061 736	X	X
33251	Hardware mfg .....	2000..	71 107	2 320 801	54 446	106 151	1 434 770	6 693 061	5 226 645	11 879 878	2	2
		1999..	70 844	2 284 950	54 004	108 403	1 413 520	6 633 140	4 862 668	11 408 920	2	1
		1998..	73 075	2 273 941	56 646	112 796	1 458 140	6 041 868	4 920 229	11 058 137	1	2
		1997..	75 437	2 327 164	58 122	116 400	1 516 675	6 162 972	4 937 806	11 061 736	X	X
332510	Hardware mfg .....	2000..	71 107	2 320 801	54 446	106 151	1 434 770	6 693 061	5 226 645	11 879 878	2	2
		1999..	70 844	2 284 950	54 004	108 403	1 413 520	6 633 140	4 862 668	11 408 920	2	1
		1998..	73 075	2 273 941	56 646	112 796	1 458 140	6 041 868	4 920 229	11 058 137	1	2
		1997..	75 437	2 327 164	58 122	116 400	1 516 675	6 162 972	4 937 806	11 061 736	X	X
3326	Spring & wire product mfg .....	2000..	73 636	2 165 412	58 450	115 736	1 446 852	5 250 133	4 203 795	9 379 616	2	2
		1999..	71 826	2 071 250	56 928	112 793	1 375 066	5 182 943	4 106 929	9 223 097	2	2
		1998..	71 581	2 067 379	55 616	112 121	1 376 563	5 079 136	4 363 935	9 427 438	2	3
		1997..	70 193	1 906 503	54 573	107 575	1 246 096	4 540 614	4 011 204	8 533 707	X	X
33261	Spring & wire product mfg .....	2000..	73 636	2 165 412	58 450	115 736	1 446 852	5 250 133	4 203 795	9 379 616	2	2
		1999..	71 826	2 071 250	56 928	112 793	1 375 066	5 182 943	4 106 929	9 223 097	2	2
		1998..	71 581	2 067 379	55 616	112 121	1 376 563	5 079 136	4 363 935	9 427 438	2	3
		1997..	70 193	1 906 503	54 573	107 575	1 246 096	4 540 614	4 011 204	8 533 707	X	X
332611	Spring (heavy gauge) mfg .....	2000..	5 723	207 627	4 332	8 993	139 022	470 344	478 436	938 050	4	5
		1999..	5 718	199 268	4 339	9 290	133 866	468 232	478 531	954 011	3	2
		1998..	6 144	215 557	4 805	10 392	156 516	482 009	515 805	1 006 494	1	5

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
332	Fabricated metal product mfg—Con.										
3327	Machine shops, turned product, & screw, nut, & bolt mfg .....	2000.. 429 763	15 308 540	335 410	656 707	10 324 788	31 291 999	16 639 237	47 731 032	1	1
		1999.. 423 983	14 522 375	327 888	650 881	9 754 859	29 291 468	15 633 305	44 860 899	1	1
		1998.. 440 840	14 611 494	344 197	705 611	9 800 012	29 104 841	15 398 692	44 389 234	1	3
		1997.. 423 004	14 029 104	328 147	648 019	9 352 536	28 535 557	14 980 584	43 362 901	X	X
33271	Machine shops .....	2000.. 298 608	10 402 117	232 866	442 206	6 996 327	20 578 126	10 110 984	30 489 849	1	2
		1999.. 291 482	9 744 727	224 846	434 099	6 540 368	18 833 831	9 252 810	27 995 426	1	2
		1998.. 303 126	9 844 537	236 351	477 156	6 581 055	18 283 952	8 777 876	27 006 257	1	4
		1997.. 289 437	9 446 782	224 717	426 909	6 306 733	18 330 482	8 610 590	26 850 065	X	X
332710	Machine shops .....	2000.. 298 608	10 402 117	232 866	442 206	6 996 327	20 578 126	10 110 984	30 489 849	1	2
		1999.. 291 482	9 744 727	224 846	434 099	6 540 368	18 833 831	9 252 810	27 995 426	1	2
		1998.. 303 126	9 844 537	236 351	477 156	6 581 055	18 283 952	8 777 876	27 006 257	1	4
		1997.. 289 437	9 446 782	224 717	426 909	6 306 733	18 330 482	8 610 590	26 850 065	X	X
33272	Turned product & screw, nut, & bolt mfg .....	2000.. 131 154	4 906 422	102 544	214 501	3 328 461	10 713 873	6 528 253	17 241 183	1	1
		1999.. 132 501	4 777 648	103 042	216 782	3 214 491	10 457 637	6 380 496	16 865 473	1	1
		1998.. 137 714	4 766 957	107 846	228 455	3 218 957	10 820 889	6 620 816	17 382 977	1	1
		1997.. 133 567	4 582 322	103 430	221 110	3 045 803	10 205 075	6 369 994	16 512 836	X	X
332721	Precision turned product mfg .....	2000.. 77 860	2 797 180	62 099	128 994	1 941 617	5 730 048	2 829 106	8 546 525	2	2
		1999.. 77 165	2 690 491	61 164	128 295	1 845 941	5 477 671	2 717 212	8 210 666	1	2
		1998.. 81 380	2 720 775	65 412	139 258	1 887 873	5 732 751	2 872 322	8 616 746	2	3
		1997.. 80 225	2 629 738	63 556	136 140	1 809 381	5 493 232	2 846 618	8 304 805	X	X
332722	Bolt, nut, screw, rivet, & washer mfg .....	2000.. 53 295	2 109 242	40 445	85 507	1 386 845	4 983 825	3 699 147	8 694 658	2	2
		1999.. 55 336	2 087 157	41 878	88 487	1 368 550	4 979 966	3 663 284	8 654 807	3	2
		1998.. 56 334	2 046 182	42 434	89 197	1 331 084	5 068 138	3 748 493	8 766 232	1	1
		1997.. 53 342	1 952 584	39 874	84 970	1 236 422	4 711 843	3 523 376	8 208 031	X	X
3328	Coating, engraving, heat treating, & allied activities .....	2000.. 160 516	5 045 806	127 432	254 531	3 324 938	11 908 914	8 744 384	20 623 704	2	2
		1999.. 155 060	4 780 284	123 493	249 276	3 159 461	10 925 135	8 147 709	18 987 545	1	1
		1998.. 159 122	4 817 728	126 288	252 310	3 166 710	10 921 473	7 944 256	18 875 151	1	1
		1997.. 152 884	4 513 791	119 722	239 975	2 928 348	10 331 294	7 621 520	17 956 236	X	X
33281	Coating, engraving, heat treating, & allied activities .....	2000.. 160 516	5 045 806	127 432	254 531	3 324 938	11 908 914	8 744 384	20 623 704	2	2
		1999.. 155 060	4 780 284	123 493	249 276	3 159 461	10 925 135	8 147 709	18 987 545	1	1
		1998.. 159 122	4 817 728	126 288	252 310	3 166 710	10 921 473	7 944 256	18 875 151	1	1
		1997.. 152 884	4 513 791	119 722	239 975	2 928 348	10 331 294	7 621 520	17 956 236	X	X
332811	Metal heat treating .....	2000.. 24 752	889 255	18 933	38 081	588 781	2 236 184	1 732 957	3 957 973	7	4
		1999.. 23 368	847 732	17 959	36 936	567 520	2 095 213	1 499 365	3 587 353	4	3
		1998.. 23 482	872 238	18 568	38 366	587 024	2 126 774	1 425 012	3 558 439	3	4
		1997.. 22 299	789 233	17 171	35 106	519 823	2 020 611	1 438 026	3 442 317	X	X
332812	Metal coating/engraving (exc jewelry/silverware)/allied services .....	2000.. 60 462	1 882 753	48 104	96 133	1 265 528	5 138 163	4 978 658	10 100 236	3	3
		1999.. 59 361	1 809 333	47 518	96 591	1 224 956	4 557 498	4 782 629	9 263 889	3	2
		1998.. 60 476	1 764 582	47 995	94 453	1 180 639	4 594 054	4 711 871	9 295 323	1	1
		1997.. 55 954	1 634 627	44 418	89 740	1 093 781	4 154 477	4 354 598	8 515 488	X	X
332813	Electroplating, plating, polishing, anodizing, & coloring .....	2000.. 75 302	2 273 798	60 396	120 317	1 470 630	4 534 566	2 032 770	6 565 495	2	2
		1999.. 72 330	2 123 218	58 016	115 749	1 366 984	4 272 424	1 865 715	6 136 303	2	1
		1998.. 75 163	2 180 909	59 125	119 490	1 399 046	4 200 645	1 807 373	6 021 389	1	1
		1997.. 74 631	2 089 931	58 133	115 129	1 314 744	4 156 206	1 828 896	5 998 431	X	X
3329	Other fabricated metal product mfg .....	2000.. 323 538	11 717 116	234 858	474 203	7 133 811	30 057 428	22 908 637	52 560 115	1	1
		1999.. 319 787	11 327 325	229 976	463 982	6 872 213	29 341 340	21 736 379	50 990 451	1	1
		1998.. 327 102	11 226 321	235 857	482 042	6 895 792	30 035 954	22 255 762	52 033 841	1	1
		1997.. 322 209	10 786 052	231 436	467 211	6 601 333	28 558 322	21 267 456	49 786 338	X	X
33291	Metal valve mfg .....	2000.. 121 507	4 503 720	84 610	174 001	2 595 135	12 728 781	9 881 730	22 394 750	1	1
		1999.. 122 517	4 438 399	84 312	171 054	2 520 930	12 487 649	9 340 728	21 752 145	1	1
		1998.. 127 695	4 492 996	87 752	182 471	2 576 363	13 304 989	10 121 641	23 278 410	1	2
		1997.. 126 245	4 364 424	86 465	178 808	2 491 566	12 516 090	9 444 017	21 983 284	X	X
332911	Industrial valve mfg .....	2000.. 52 707	2 015 581	34 741	73 871	1 113 560	5 404 351	4 132 580	9 438 925	2	2
		1999.. 53 549	2 014 647	35 080	72 726	1 092 803	5 358 761	3 913 462	9 230 593	1	1
		1998.. 56 237	2 055 360	36 625	76 413	1 119 923	5 664 582	4 259 696	9 940 675	2	2
		1997.. 54 294	1 947 182	35 367	72 721	1 050 155	5 115 347	3 781 002	8 965 193	X	X
332912	Fluid power valve & hose fitting mfg .....	2000.. 37 298	1 413 667	26 023	53 312	798 176	3 937 630	2 788 964	6 692 852	2	2
		1999.. 37 872	1 417 801	26 183	53 059	790 253	3 828 566	2 680 005	6 497 610	1	2
		1998.. 38 757	1 398 063	27 292	57 011	800 832	4 073 068	2 826 616	6 833 307	1	1
		1997.. 37 280	1 327 456	25 734	53 998	750 942	3 934 823	2 657 535	6 594 554	X	X
332913	Plumbing fixture fitting & trim mfg .....	2000.. 14 750	498 706	11 330	21 785	326 482	1 918 161	1 837 693	3 708 942	2	3
		1999.. 14 781	463 810	10 938	21 197	303 299	1 845 852	1 686 795	3 512 801	2	3
		1998.. 15 651	499 276	11 430	23 429	309 340	2 034 278	1 826 171	3 854 646	2	13
		1997.. 16 133	498 551	11 635	23 691	314 181	1 863 303	1 781 273	3 616 737	X	X
332919	Other metal valve & pipe fitting mfg .....	2000.. 16 751	575 767	12 516	25 033	356 917	1 468 638	1 122 493	2 554 031	4	4
		1999.. 16 316	542 140	12 111	24 072	334 575	1 454 469	1 060 466	2 511 141	3	3
		1998.. 17 051	540 297	12 405	25 619	346 268	1 533 061	1 209 157	2 649 782	3	5
		1997.. 18 538	591 235	13 229	28 398	376 288	1 602 620	1 224 207	2 806 800	X	X
33299	All other fabricated metal product mfg .....	2000.. 202 031	7 213 396	150 248	300 202	4 538 676	17 328 648	13 026 908	30 165 364	1	1
		1999.. 197 270	6 888 926	145 664	292 928	4 351 283	16 853 691	12 395 651	29 238 306	1	1
		1998.. 199 406	6 733 325	148 105	299 570	4 319 429	16 730 965	12 134 122	28 755 431	1	1
		1997.. 195 964	6 421 628	144 971	288 403	4 109 767	16 042 232	11 823 439	27 803 054	X	X
332991	Ball & roller bearing mfg .....	2000.. 35 847	1 468 433	29 323	58 912	1 096 305	3 493 223	2 580 411	6 033 426	1	2
		1999.. 35 964	1 427 753	29 441	60 337	1 071 778	3 600 290	2 489 701	6 082 524	1	1
		1998.. 36 948	1 402 650	30 299	63 380	1 053 824	3 849 296	2 388 387	6 157 867	1	1
		1997.. 36 547	1 368 804	29 827	63 026	1 033 718	3 742 916	2 363 496	6 093 840	X	X
332992	Small arms ammunition mfg .....	2000.. 7 222	277 847	5 556	10 813	187 885	603 224	456 922	1 032 798	2	2
		1999.. 7									

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
332	Fabricated metal product mfg—Con.										
3329	Other fabricated metal product mfg—Con.										
33299	All other fabricated metal product mfg—Con.										
332993	Ammunition (except small arms) mfg .....	2000.. 7 324	323 088	3 811	6 599	107 380	696 273	418 144	1 129 259	6	3
		1999.. 8 335	341 551	4 308	7 714	119 190	794 968	471 809	1 254 391	4	3
		1998.. 9 487	381 724	4 900	8 715	137 652	840 242	579 145	1 447 099	1	1
		1997.. 9 281	371 808	4 872	8 787	137 493	834 457	610 634	1 471 101	X	X
332994	Small arms mfg .....	2000.. 9 815	332 309	7 406	13 806	208 427	958 365	439 630	1 367 907	2	4
		1999.. 9 826	325 358	7 371	13 874	202 339	925 233	422 963	1 356 265	2	2
		1998.. 9 616	321 025	7 155	14 042	198 231	855 183	395 624	1 249 508	1	1
		1997.. 9 841	319 663	7 451	13 966	200 190	860 866	369 988	1 248 048	X	X
332995	Other ordnance & accessories mfg ..	2000.. 8 022	398 346	2 875	5 717	138 980	959 127	379 282	1 331 724	3	2
		1999.. 8 362	383 873	2 927	6 110	145 552	937 871	402 015	1 360 896	3	2
		1998.. 8 722	377 751	3 664	6 489	165 332	1 078 062	371 623	1 459 584	1	1
		1997.. 8 545	362 201	3 465	6 423	155 572	1 021 358	354 734	1 362 401	X	X
332996	Fabricated pipe & pipe fitting mfg ....	2000.. 32 344	1 012 752	24 708	50 365	661 593	2 472 190	2 171 276	4 621 619	4	3
		1999.. 30 416	953 968	23 243	47 218	618 354	2 288 260	2 005 780	4 281 482	3	3
		1998.. 30 096	931 846	23 310	48 662	614 536	2 180 545	2 025 526	4 205 266	3	2
		1997.. 29 746	879 723	22 565	46 037	573 134	2 104 979	2 038 910	4 118 699	X	X
332997	Industrial pattern mfg .....	2000.. 7 629	290 335	6 495	13 415	225 604	523 351	147 830	675 897	4	5
		1999.. 7 367	287 147	6 131	12 471	220 259	485 538	137 313	626 045	2	2
		1998.. 8 101	317 545	6 805	13 703	251 983	508 668	136 450	604 700	4	8
		1997.. 7 952	284 879	6 512	12 561	218 077	483 129	140 481	623 605	X	X
332998	Enameled iron & metal sanitary ware mfg .....	2000.. 10 275	365 769	7 029	14 088	205 744	1 045 706	659 376	1 686 042	3	2
		1999.. 9 535	350 814	6 516	13 565	198 066	1 004 246	598 226	1 594 156	3	2
		1998.. 9 947	321 355	7 853	15 740	215 635	1 013 983	621 366	1 630 497	1	1
		1997.. 9 792	275 889	7 700	15 115	179 923	969 728	600 546	1 553 730	X	X
332999	All other miscellaneous fabricated metal product mfg .....	2000.. 83 554	2 744 516	63 046	126 489	1 706 758	6 577 190	5 774 037	12 286 693	3	2
		1999.. 80 229	2 540 846	60 179	120 191	1 587 027	6 143 697	5 430 122	11 557 668	3	2
		1998.. 79 345	2 421 448	58 655	117 942	1 509 437	5 773 964	5 245 082	10 982 486	1	1
		1997.. 77 125	2 303 930	57 193	111 819	1 438 917	5 414 555	4 969 840	10 354 686	X	X
333	Machinery mfg .....	2000.. 1 402 534	56 028 282	920 112	1 839 322	29 840 415	148 798 108	148 290 744	295 753 646	1	1
		1999.. 1 401 751	54 339 741	919 055	1 844 267	29 089 077	139 610 563	136 961 626	276 901 166	1	1
		1998.. 1 433 463	54 038 645	943 806	1 909 536	29 731 818	141 268 757	139 876 936	280 650 973	1	1
		1997.. 1 420 512	53 012 226	936 047	1 895 580	29 106 922	137 934 706	133 291 232	270 687 165	X	X
3331	Agriculture, construction, & mining machinery mfg .....	2000.. 195 470	7 353 254	135 234	266 356	4 321 990	20 833 121	29 968 945	50 868 620	1	1
		1999.. 197 865	7 322 390	137 679	267 017	4 302 440	20 217 745	28 454 119	49 016 013	1	1
		1998.. 211 728	7 873 191	148 675	299 221	4 789 408	26 248 769	31 774 189	57 329 918	1	1
		1997.. 211 200	7 689 706	148 997	298 556	4 729 479	24 431 912	30 036 282	54 181 573	X	X
33311	Agricultural implement mfg .....	2000.. 85 416	2 881 370	63 127	120 335	1 796 864	8 094 358	12 531 982	20 662 403	2	2
		1999.. 85 619	2 849 291	63 939	119 648	1 791 930	8 057 273	11 134 674	19 255 465	1	1
		1998.. 93 568	3 125 846	70 051	139 672	2 054 900	10 840 789	13 608 785	24 302 937	1	2
		1997.. 94 711	3 102 280	70 618	140 841	2 058 905	10 355 405	13 187 254	23 371 367	X	X
333111	Farm machinery & equipment mfg ....	2000.. 60 684	2 157 741	43 273	81 184	1 320 482	5 681 230	7 724 869	13 373 677	2	2
		1999.. 59 121	2 093 769	42 283	76 503	1 288 780	5 164 796	6 445 669	11 771 572	1	2
		1998.. 66 312	2 385 716	47 790	95 761	1 542 994	8 080 416	8 508 568	16 527 140	1	2
		1997.. 66 370	2 370 599	47 885	95 652	1 550 603	7 624 789	8 468 947	15 995 219	X	X
333112	Lawn & garden tractor & home lawn & garden equipment mfg .....	2000.. 24 731	723 629	19 854	39 151	476 382	2 413 129	4 807 113	7 288 726	1	1
		1999.. 26 499	755 521	21 656	43 146	503 150	2 892 477	4 689 005	7 483 893	1	1
		1998.. 27 255	740 129	22 261	43 911	511 906	2 760 373	5 100 217	7 775 797	2	1
		1997.. 28 341	731 681	22 733	45 189	508 302	2 730 616	4 718 307	7 376 148	X	X
33312	Construction machinery mfg .....	2000.. 71 777	2 891 623	48 139	95 738	1 716 732	9 012 927	13 505 752	22 559 499	2	2
		1999.. 72 176	2 923 783	48 520	97 259	1 717 093	8 462 693	13 441 165	21 920 703	2	1
		1998.. 74 353	3 058 775	50 207	101 370	1 799 088	10 503 142	13 867 808	24 022 676	2	1
		1997.. 74 741	2 990 139	50 448	102 360	1 780 033	9 129 152	12 834 054	22 117 440	X	X
333120	Construction machinery mfg .....	2000.. 71 777	2 891 623	48 139	95 738	1 716 732	9 012 927	13 505 752	22 559 499	2	2
		1999.. 72 176	2 923 783	48 520	97 259	1 717 093	8 462 693	13 441 165	21 920 703	2	1
		1998.. 74 353	3 058 775	50 207	101 370	1 799 088	10 503 142	13 867 808	24 022 676	2	1
		1997.. 74 741	2 990 139	50 448	102 360	1 780 033	9 129 152	12 834 054	22 117 440	X	X
33313	Mining & oil & gas field machinery mfg .....	2000.. 38 277	1 580 261	23 968	50 283	808 393	3 725 836	3 931 212	7 646 718	4	5
		1999.. 40 070	1 549 316	25 220	50 109	793 418	3 697 779	3 878 279	7 839 844	3	5
		1998.. 43 808	1 688 570	28 417	58 179	935 421	4 904 839	4 297 596	9 004 305	1	1
		1997.. 41 748	1 597 287	27 931	55 355	890 541	4 947 355	4 014 974	8 692 766	X	X
333131	Mining machinery & equipment mfg ..	2000.. 11 237	441 920	7 244	15 387	231 569	878 341	1 123 731	2 053 981	3	3
		1999.. 12 591	454 710	7 985	16 760	247 001	1 091 294	1 051 056	2 151 209	3	2
		1998.. 14 599	520 958	9 540	20 391	292 207	1 490 439	1 543 009	3 003 057	1	2
		1997.. 13 507	485 338	9 118	18 939	273 557	1 379 429	1 354 429	2 705 885	X	X
333132	Oil & gas field machinery & equipment mfg .....	2000.. 27 040	1 138 341	16 724	34 895	576 824	2 847 495	2 807 480	5 592 737	6	6
		1999.. 27 479	1 094 605	17 235	33 350	546 417	2 606 485	2 827 223	5 688 636	5	7
		1998.. 29 209	1 167 612	18 877	37 788	643 214	3 414 400	2 754 587	6 001 248	1	2
		1997.. 28 241	1 111 949	18 813	36 416	616 984	3 567 926	2 660 545	5 986 881	X	X
3332	Industrial machinery mfg .....	2000.. 198 470	8 843 852	113 861	225 384	3 921 557	25 122 690	22 146 912	46 474 412	1	1
		1999.. 189 147	8 025 336	107 865	213 742	3 600 382	19 599 058	17 419 419	36 634 865	1	1
		1998.. 197 811	7 699 600	110 632	212 532	3 515 105	17 746 170	17 070 461	35 164 994	1	2
		1997.. 194 210	7 616 113	110 122	221 832	3 433 183	19 456 056	17 481 244	36 658 714	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
		A	B	C	D	E				F	G	H
333	Machinery mfg—Con.											
3332	Industrial machinery mfg—Con.											
33321	Sawmill & woodworking machinery mfg .....	2000..	8 851	327 286	5 747	11 404	170 253	708 903	640 239	1 340 942	2	3
		1999..	8 747	311 958	5 521	10 763	157 619	622 095	586 610	1 202 183	2	4
		1998..	9 227	318 015	5 563	11 484	149 311	727 248	590 039	1 299 355	3	8
		1997..	8 973	297 430	5 707	11 527	156 984	681 679	611 849	1 296 200	X	X
333210	Sawmill & woodworking machinery mfg .....	2000..	8 851	327 286	5 747	11 404	170 253	708 903	640 239	1 340 942	2	3
		1999..	8 747	311 958	5 521	10 763	157 619	622 095	586 610	1 202 183	2	4
		1998..	9 227	318 015	5 563	11 484	149 311	727 248	590 039	1 299 355	3	8
		1997..	8 973	297 430	5 707	11 527	156 984	681 679	611 849	1 296 200	X	X
33322	Plastics & rubber industry machinery mfg .....	2000..	17 596	759 887	10 827	22 786	381 701	1 788 536	1 842 696	3 545 412	7	5
		1999..	17 304	720 215	10 472	21 264	362 554	1 627 422	1 646 276	3 258 159	3	4
		1998..	18 783	719 535	10 794	21 054	355 305	1 681 726	1 565 041	3 263 727	2	7
		1997..	18 530	741 819	10 427	21 042	349 773	1 950 024	1 652 432	3 570 320	X	X
333220	Plastics & rubber industry machinery mfg .....	2000..	17 596	759 887	10 827	22 786	381 701	1 788 536	1 842 696	3 545 412	7	5
		1999..	17 304	720 215	10 472	21 264	362 554	1 627 422	1 646 276	3 258 159	3	4
		1998..	18 783	719 535	10 794	21 054	355 305	1 681 726	1 565 041	3 263 727	2	7
		1997..	18 530	741 819	10 427	21 042	349 773	1 950 024	1 652 432	3 570 320	X	X
33329	Other industrial machinery mfg .....	2000..	172 023	7 756 679	97 287	191 194	3 369 602	22 625 251	19 663 977	41 588 058	1	1
		1999..	163 096	6 993 163	91 873	181 716	3 080 209	17 349 541	15 186 533	32 174 523	1	1
		1998..	169 800	6 662 050	94 275	179 994	3 010 489	15 337 196	14 915 382	30 601 912	1	2
		1997..	166 707	6 576 864	93 988	189 263	2 926 426	16 824 353	15 216 963	31 792 944	X	X
333291	Paper industry machinery mfg .....	2000..	15 806	730 890	8 857	18 370	328 605	1 341 340	1 451 342	2 761 247	4	5
		1999..	16 400	739 920	9 044	18 120	331 724	1 369 932	1 549 704	2 941 101	3	4
		1998..	18 539	771 823	10 128	20 466	364 179	1 490 265	1 711 770	3 185 119	1	4
		1997..	18 313	761 458	10 127	20 723	365 303	1 622 283	1 817 466	3 386 920	X	X
333292	Textile machinery mfg .....	2000..	12 409	437 542	7 896	15 222	208 707	1 052 631	728 305	1 809 255	4	6
		1999..	12 513	423 082	8 075	15 534	205 991	1 002 749	697 777	1 715 309	3	5
		1998..	12 813	441 680	7 824	15 538	223 160	1 058 716	719 308	1 785 475	7	4
		1997..	13 511	445 381	8 496	16 880	234 110	1 026 304	742 909	1 766 419	X	X
333293	Printing machinery & equipment mfg .....	2000..	19 998	911 782	11 328	23 320	423 382	2 025 229	1 850 902	3 826 841	2	2
		1999..	19 596	865 268	11 050	22 442	396 170	1 917 262	1 645 551	3 605 495	2	2
		1998..	21 140	871 206	11 279	23 347	403 835	2 000 810	1 917 052	3 962 536	2	3
		1997..	22 390	924 863	11 706	24 298	412 907	2 030 816	1 768 141	3 786 716	X	X
333294	Food product machinery mfg .....	2000..	18 110	721 330	10 931	21 606	347 962	1 509 751	1 241 247	2 782 342	4	5
		1999..	19 102	725 190	11 506	22 098	356 461	1 592 849	1 304 218	2 899 710	3	4
		1998..	19 054	728 644	11 371	22 474	363 294	1 596 328	1 320 428	2 906 838	2	5
		1997..	18 898	711 852	11 436	22 511	353 259	1 581 509	1 290 673	2 857 928	X	X
333295	Semiconductor machinery mfg .....	2000..	51 427	2 744 838	26 704	51 460	1 058 279	11 996 767	9 892 900	21 210 593	2	2
		1999..	41 586	2 105 480	21 272	42 484	820 369	6 890 869	5 695 986	12 223 500	2	2
		1998..	43 995	1 777 586	23 083	37 177	687 479	4 592 769	5 274 879	10 070 847	1	3
		1997..	40 104	1 702 788	20 918	42 170	611 134	6 010 313	5 358 601	11 162 764	X	X
333298	All other industrial machinery mfg .....	2000..	54 273	2 210 298	31 572	61 216	1 002 667	4 699 533	4 499 280	9 197 780	3	5
		1999..	53 899	2 134 222	30 925	61 038	969 494	4 575 881	4 293 297	8 789 408	2	4
		1998..	54 259	2 071 112	30 590	60 992	968 542	4 598 307	3 971 946	8 691 096	2	3
		1997..	53 491	2 030 522	31 305	62 681	949 713	4 553 128	4 239 173	8 831 447	X	X
3333	Commercial & service industry machinery mfg .....	2000..	124 685	4 746 519	69 579	137 548	1 940 709	16 107 219	11 963 080	28 063 705	2	1
		1999..	129 479	4 774 988	74 243	146 497	2 013 305	15 228 360	11 750 491	27 261 360	1	2
		1998..	129 557	4 694 721	76 962	151 874	2 093 311	15 212 505	11 860 301	27 001 384	1	1
		1997..	129 691	4 698 826	76 013	147 775	2 064 248	14 215 075	11 730 134	26 009 857	X	X
33331	Commercial & service industry machinery mfg .....	2000..	124 685	4 746 519	69 579	137 548	1 940 709	16 107 219	11 963 080	28 063 705	2	1
		1999..	129 479	4 774 988	74 243	146 497	2 013 305	15 228 360	11 750 491	27 261 360	1	2
		1998..	129 557	4 694 721	76 962	151 874	2 093 311	15 212 505	11 860 301	27 001 384	1	1
		1997..	129 691	4 698 826	76 013	147 775	2 064 248	14 215 075	11 730 134	26 009 857	X	X
333311	Automatic vending machine mfg .....	2000..	8 840	252 160	5 935	11 848	137 991	587 147	625 309	1 244 814	8	4
		1999..	9 477	261 928	6 880	13 416	151 473	725 056	698 097	1 443 084	5	3
		1998..	8 806	224 858	6 658	13 932	133 160	669 420	786 022	1 444 002	2	6
		1997..	8 220	216 397	6 047	12 310	123 726	604 438	718 270	1 327 998	X	X
333312	Commercial laundry, drycleaning, & pressing machine mfg .....	2000..	3 781	124 375	2 735	5 025	71 838	267 015	359 668	626 536	4	3
		1999..	4 204	129 929	3 023	5 792	79 611	268 017	359 261	636 072	4	5
		1998..	4 434	134 405	3 251	6 716	83 835	300 100	330 806	633 138	1	1
		1997..	4 523	136 783	3 328	6 864	84 584	270 351	334 781	604 939	X	X
333313	Office machinery mfg .....	2000..	11 472	376 434	4 676	9 675	126 576	1 474 158	1 410 235	2 873 858	5	5
		1999..	13 063	409 343	5 984	11 870	140 940	1 466 469	1 268 276	2 993 324	5	13
		1998..	13 403	434 135	6 099	12 119	143 556	1 733 627	1 333 297	3 064 717	3	1
		1997..	14 586	452 165	6 913	13 513	160 785	1 807 173	1 341 894	3 162 823	X	X
333314	Optical instrument & lens mfg .....	2000..	22 085	957 346	11 371	24 116	347 158	2 466 409	1 306 787	3 743 060	8	4
		1999..	23 398	948 190	12 393	25 152	372 493	2 295 676	1 335 860	3 595 653	4	8
		1998..	20 397	841 457	12 323	25 463	381 460	2 103 949	1 098 470	3 194 775	3	2
		1997..	20 351	812 428	12 093	23 790	354 212	1 979 483	1 185 260	3 139 837	X	X
333315	Photographic & photocopying equipment mfg .....	2000..	19 672	868 138	11 068	20 587	355 372	5 870 705	3 226 952	9 100 594	2	1
		1999..	19 750	876 772	11 783	21 828	386 636	5 141 481	3 238 682	8 396 680	2	1
		1998..	23 611	1 030 362	14 383	26 698	456 699	5 192 134	3 613 046	8 809 396	1	1
		1997..	24 143	1 074 710	14 397	26 024	482 750	4 478 703	3 774 865	8 290 986	X	X
333319	Other commercial & service industry machinery mfg .....	2000..	58 835	2 168 066	33 794	66 298	901 774	5 441 784	5 034 129	10 474 842	1	2
		1999..	59 588	2 148 826	34 181	68 440	882 152	5 331 660	4 850 315	10 196 547	1	2
		1998..	58 906	2 029 504	34 248	66 947	894 601	5 213 274	4 698 659	9 855 357	2	2
		1997..	57 868	2 006 343	33 235	65 274	858 191	5 074 927	4 375 064	9 483 274	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
		A	B	C	D	E						
333	Machinery mfg—Con.											
3334	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000..	184 513	6 146 283	138 663	275 027	3 735 391	17 327 796	18 055 394	35 257 228	1	1
		1999..	180 399	5 810 285	135 008	268 811	3 528 929	16 962 327	17 674 769	34 472 098	1	1
		1998..	174 324	5 504 294	129 989	258 533	3 390 489	15 513 404	17 279 275	32 950 165	1	1
		1997..	174 136	5 344 894	128 068	258 208	3 212 188	14 637 803	15 989 951	30 791 331	X	X
33341	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000..	184 513	6 146 283	138 663	275 027	3 735 391	17 327 796	18 055 394	35 257 228	1	1
		1999..	180 399	5 810 285	135 008	268 811	3 528 929	16 962 327	17 674 769	34 472 098	1	1
		1998..	174 324	5 504 294	129 989	258 533	3 390 489	15 513 404	17 279 275	32 950 165	1	1
		1997..	174 136	5 344 894	128 068	258 208	3 212 188	14 637 803	15 989 951	30 791 331	X	X
333411	Air purification equipment mfg .....	2000..	15 725	480 855	11 200	22 925	1 107 665	926 222	2 014 690	3 014 690	3	4
		1999..	15 901	445 450	11 294	23 031	245 509	1 169 922	898 660	2 061 759	3	4
		1998..	16 270	464 383	12 247	23 916	275 209	1 324 168	976 619	2 302 053	1	4
		1997..	16 447	479 162	11 628	23 179	263 390	1 199 939	1 006 932	2 218 051	X	X
333412	Industrial & commercial fan & blower mfg .....	2000..	15 096	509 789	11 058	21 043	305 058	1 166 310	996 382	2 171 842	4	3
		1999..	15 656	513 224	11 076	22 401	302 025	1 178 784	904 747	2 089 822	4	3
		1998..	14 534	476 050	10 347	19 985	282 475	1 958 866	933 817	1 901 657	4	8
		1997..	13 706	431 622	9 384	19 317	245 078	1 003 573	893 815	1 899 077	X	X
333414	Heating equipment (except warm air furnaces) mfg .....	2000..	26 010	857 124	17 324	33 538	435 406	2 395 770	1 971 439	4 344 922	3	3
		1999..	24 880	808 546	16 734	32 491	413 398	2 237 244	1 869 179	4 099 822	3	2
		1998..	23 510	719 194	15 400	30 039	354 384	1 964 955	1 632 354	3 738 536	4	6
		1997..	24 597	755 114	16 088	31 910	375 893	2 068 353	1 650 129	3 707 615	X	X
333415	AC & warm air heating & commercial/industrial refrig equip mfg .....	2000..	127 682	4 298 515	99 081	197 521	2 724 653	12 658 050	14 161 352	26 725 775	2	1
		1999..	123 962	4 043 064	95 904	190 888	2 567 997	12 376 376	14 002 184	26 220 695	1	1
		1998..	120 011	3 844 667	91 994	184 594	2 478 421	11 265 416	13 736 485	25 007 918	1	1
		1997..	119 386	3 678 996	90 968	183 802	2 327 827	10 365 938	12 439 075	22 966 588	X	X
3335	Metalworking machinery mfg .....	2000..	235 496	10 011 867	169 797	347 914	6 301 047	19 071 317	11 503 029	30 638 188	1	1
		1999..	239 862	9 835 871	171 942	356 967	6 193 363	18 419 666	11 259 233	29 792 603	1	1
		1998..	247 187	10 002 017	177 330	372 005	6 347 735	19 239 800	11 471 621	30 702 945	1	2
		1997..	242 963	9 827 519	174 485	364 407	6 260 795	19 331 066	11 304 821	30 417 553	X	X
33351	Metalworking machinery mfg .....	2000..	235 496	10 011 867	169 797	347 914	6 301 047	19 071 317	11 503 029	30 638 188	1	1
		1999..	239 862	9 835 871	171 942	356 967	6 193 363	18 419 666	11 259 233	29 792 603	1	1
		1998..	247 187	10 002 017	177 330	372 005	6 347 735	19 239 800	11 471 621	30 702 945	1	2
		1997..	242 963	9 827 519	174 485	364 407	6 260 795	19 331 066	11 304 821	30 417 553	X	X
333511	Industrial mold mfg .....	2000..	49 895	2 182 870	39 798	82 891	1 540 363	4 046 151	1 558 300	5 606 598	3	4
		1999..	50 789	2 120 867	40 372	83 164	1 498 204	3 933 905	1 515 720	5 384 416	2	3
		1998..	48 931	2 072 760	38 630	84 072	1 472 716	3 842 416	1 408 129	5 195 019	1	3
		1997..	48 113	2 067 403	37 989	81 290	1 471 899	3 685 924	1 411 514	5 087 422	X	X
333512	Machine tool (metal cutting types) mfg .....	2000..	23 896	1 120 503	13 721	28 262	532 481	2 075 069	2 395 813	4 483 819	5	4
		1999..	25 497	1 159 444	14 889	30 177	540 117	2 081 018	2 483 463	4 601 568	3	4
		1998..	27 539	1 196 365	15 972	32 382	592 461	2 410 231	2 866 757	5 244 020	2	3
		1997..	29 577	1 274 460	17 051	35 366	629 388	2 666 276	2 813 536	5 331 245	X	X
333513	Machine tool (metal forming types) mfg .....	2000..	13 391	602 871	8 675	18 058	337 753	1 262 405	966 370	2 210 804	3	4
		1999..	13 529	596 008	8 723	18 007	329 977	1 274 523	909 853	2 190 749	2	3
		1998..	15 154	640 710	9 578	19 016	364 273	1 439 622	951 104	2 308 868	2	4
		1997..	14 141	596 804	9 092	18 745	344 827	1 285 781	958 357	2 247 954	X	X
333514	Special die & tool, die set, jig, & fixture mfg .....	2000..	77 958	3 229 921	60 179	122 252	2 254 632	5 875 051	2 569 692	8 466 153	2	2
		1999..	80 159	3 227 356	61 050	128 635	2 255 323	5 813 268	2 415 382	8 225 288	1	2
		1998..	82 269	3 274 181	63 722	135 185	2 277 350	5 952 449	2 388 790	5 366 502	1	2
		1997..	79 994	3 226 074	62 075	128 703	2 259 920	5 938 346	2 381 528	8 237 755	X	X
333515	Cutting tool & machine tool accessory mfg .....	2000..	46 182	1 721 515	32 653	65 404	1 066 846	3 685 621	1 948 443	5 601 242	2	2
		1999..	45 898	1 634 654	32 487	66 504	1 030 321	3 299 257	1 882 503	5 197 795	2	2
		1998..	49 706	1 712 647	35 823	72 030	1 088 153	3 709 128	1 930 388	5 531 361	1	1
		1997..	48 017	1 644 426	34 725	70 639	1 041 204	3 614 484	1 806 004	5 379 842	X	X
333516	Rolling mill machinery & equipment mfg .....	2000..	3 233	159 626	1 862	4 122	76 465	269 976	253 482	521 121	14	17
		1999..	3 094	127 447	1 573	3 421	55 314	218 117	201 058	429 691	4	7
		1998..	4 290	179 144	2 334	4 711	84 534	342 157	310 221	661 702	3	8
		1997..	4 149	167 312	2 210	4 720	75 166	363 586	323 460	700 084	X	X
333518	Other metalworking machinery mfg ..	2000..	20 941	994 561	12 909	26 924	492 506	1 857 044	1 810 926	3 748 451	3	2
		1999..	20 897	970 094	12 846	27 060	484 106	1 799 579	1 851 254	3 763 096	1	2
		1998..	19 298	926 210	11 270	24 609	468 248	1 543 797	1 616 233	3 395 473	2	15
		1997..	18 972	851 040	11 343	24 944	438 391	1 776 669	1 610 422	3 433 251	X	X
3336	Engine, turbine, & power transmission equipment mfg .....	2000..	113 909	5 038 575	76 270	152 977	2 902 001	16 806 923	19 342 768	35 840 029	2	2
		1999..	116 434	5 009 441	77 787	159 946	2 901 734	17 013 443	17 972 745	34 836 642	2	1
		1998..	112 399	4 704 387	76 992	158 504	2 870 622	15 106 573	17 527 275	32 513 689	1	1
		1997..	113 802	4 638 042	78 655	158 459	2 815 596	14 530 618	15 730 238	30 508 866	X	X
33361	Engine, turbine, & power transmission equipment mfg .....	2000..	113 909	5 038 575	76 270	152 977	2 902 001	16 806 923	19 342 768	35 840 029	2	2
		1999..	116 434	5 009 441	77 787	159 946	2 901 734	17 013 443	17 972 745	34 836 642	2	1
		1998..	112 399	4 704 387	76 992	158 504	2 870 622	15 106 573	17 527 275	32 513 689	1	1
		1997..	113 802	4 638 042	78 655	158 459	2 815 596	14 530 618	15 730 238	30 508 866	X	X
333611	Turbine & turbine generator set unit mfg .....	2000..	17 494	936 781	9 671	19 131	463 919	3 486 086	4 569 893	7 957 789	3	2
		1999..	19 236	912 358	10 381	21 061	451 120	3 435 840	3 187 974	6 529 890	2	4
		1998..	18 062	837 210	10 049	21 168	436 874	3 234 471	3 152 864	6 338 165	1	2
		1997..	19 529	910 316	11 099	23 488	476 082	2 841 914	2 865 746	5 854 113	X	X
333612	Speed changer, industrial high-speed drive, & gear mfg .....	2000..	15 477	613 614	10 944	21 034	384 842	1 511 988	959 281	2 476 508	5	5
		1999..	16 011	623 525	11 381	22 773	384 362	1 470 266	952 342	2 467 531	3	5
		1998..	15 784	607 540	11 013	22 373	372 552	1 511 009	952 404	2 442 194	1	1
		1997..	16 182	594 251	11 231	22 744	361 273	1 461 859	935 938			

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
333	Machinery mfg—Con.										
3336	Engine, turbine, & power transmission equipment mfg—Con.										
33361	Engine, turbine, & power transmission equipment mfg—Con.										
333613	Mechanical power transmission equipment mfg .....	2000.. 21 644	823 347	14 734	28 704	481 526	1 970 094	1 451 355	3 389 414	5	6
		1999.. 21 966	782 969	14 923	29 819	466 480	1 902 567	1 405 820	3 301 591	5	4
		1998.. 21 713	788 564	15 143	31 044	483 083	1 984 338	1 459 368	3 421 521	1	1
		1997.. 21 271	759 037	14 971	30 206	465 440	1 886 164	1 389 199	3 252 399	X	X
333618	Other engine equipment mfg .....	2000.. 59 294	2 664 832	40 921	84 109	1 571 715	9 838 756	12 362 239	22 016 317	2	3
		1999.. 59 221	2 690 589	41 102	86 292	1 599 772	10 204 770	12 426 610	22 537 630	2	1
		1998.. 56 839	2 471 072	40 786	83 919	1 578 113	8 376 755	11 962 640	20 311 809	1	1
		1997.. 56 820	2 374 438	41 354	82 021	1 512 801	8 340 681	10 539 355	19 011 085	X	X
3339	Other general-purpose machinery mfg ...	2000.. 349 991	13 887 932	216 709	434 117	6 717 720	33 529 041	35 310 617	68 611 464	1	1
		1999.. 348 564	13 561 430	214 532	431 287	6 548 923	32 169 965	32 430 249	64 887 586	1	1
		1998.. 360 458	13 560 436	223 228	456 866	6 725 148	32 201 536	32 893 814	64 987 879	1	1
		1997.. 354 510	13 197 126	219 707	446 343	6 591 433	31 332 176	31 018 562	62 119 271	X	X
33391	Pump & compressor mfg .....	2000.. 61 175	2 550 574	34 871	70 573	1 160 793	7 450 915	7 958 827	15 406 261	2	3
		1999.. 65 035	2 615 179	37 659	74 225	1 190 197	6 891 720	7 261 982	14 353 997	2	1
		1998.. 69 611	2 691 140	40 586	82 565	1 286 799	6 907 230	7 738 676	14 686 992	1	4
		1997.. 67 263	2 571 850	39 547	80 512	1 234 907	6 640 563	7 120 168	13 683 351	X	X
333911	Pump & pumping equipment mfg .....	2000.. 33 543	1 433 349	18 805	39 050	643 574	3 952 342	3 881 839	7 833 745	3	3
		1999.. 34 840	1 432 074	19 525	39 860	639 052	3 595 170	3 509 380	7 210 159	3	2
		1998.. 37 234	1 491 460	21 484	44 374	707 903	3 720 962	3 957 229	7 552 338	1	6
		1997.. 36 020	1 402 147	20 774	42 945	663 726	3 403 918	3 345 583	6 735 133	X	X
333912	Air & gas compressor mfg .....	2000.. 21 559	884 392	12 465	25 017	410 134	2 980 447	3 298 404	6 268 998	2	5
		1999.. 23 348	917 922	13 923	26 551	425 053	2 636 354	2 952 053	5 695 524	2	2
		1998.. 25 925	947 337	15 040	30 361	458 434	2 491 696	3 088 249	5 735 735	1	8
		1997.. 24 582	925 655	14 532	29 740	452 547	2 646 794	3 072 383	5 651 176	X	X
333913	Measuring & dispensing pump mfg ...	2000.. 6 074	232 833	3 601	6 506	107 085	518 126	778 585	1 304 118	1	3
		1999.. 6 846	265 183	4 211	7 814	126 092	660 197	800 549	1 448 314	1	2
		1998.. 6 452	252 342	4 063	7 830	120 462	694 572	693 198	1 398 918	1	1
		1997.. 6 661	244 048	4 241	7 827	118 634	589 851	702 202	1 297 042	X	X
33392	Material handling equipment mfg .....	2000.. 99 859	3 838 297	64 573	131 358	1 955 368	8 399 416	11 389 671	19 708 967	1	1
		1999.. 95 980	3 661 890	62 262	129 805	1 872 575	8 226 370	10 063 430	18 345 054	1	1
		1998.. 94 390	3 447 418	60 582	127 044	1 730 954	7 645 270	10 209 568	17 875 988	1	2
		1997.. 92 600	3 330 707	59 856	123 674	1 734 759	7 238 952	9 493 479	16 646 105	X	X
333921	Elevator & moving stairway mfg .....	2000.. 10 615	378 044	7 175	14 020	210 244	833 884	983 488	1 823 659	4	4
		1999.. 9 481	345 311	6 618	14 250	197 537	821 956	917 073	1 742 466	3	3
		1998.. 9 489	333 280	6 048	13 055	172 004	757 162	853 942	1 615 420	2	12
		1997.. 9 442	340 525	6 253	13 148	194 226	748 229	865 092	1 607 066	X	X
333922	Conveyor & conveying equipment mfg .....	2000.. 40 370	1 722 091	23 455	49 419	749 059	3 444 466	3 381 796	6 848 948	2	2
		1999.. 39 291	1 675 605	23 043	47 708	717 821	3 282 726	3 227 779	6 530 423	2	2
		1998.. 39 134	1 551 065	22 336	46 928	646 281	3 205 809	3 261 049	6 553 203	2	4
		1997.. 39 421	1 531 932	23 261	49 446	701 113	3 069 183	3 304 898	6 364 898	X	X
333923	Overhead traveling crane, hoist, & monorail system mfg .....	2000.. 22 528	766 738	15 388	30 480	435 558	1 951 964	3 224 595	5 127 138	3	2
		1999.. 20 275	697 932	13 603	26 945	395 228	2 025 711	2 537 145	4 547 170	2	2
		1998.. 18 993	618 890	12 702	25 578	358 947	1 521 669	1 982 765	3 458 955	3	2
		1997.. 17 784	564 482	11 795	22 780	316 898	1 451 136	1 711 464	3 135 813	X	X
333924	Industrial truck, tractor, trailer, & stacker machinery mfg .....	2000.. 26 447	971 423	18 554	37 439	560 508	2 169 103	3 799 792	5 909 221	3	2
		1999.. 26 933	943 042	18 999	40 901	561 989	2 095 977	3 381 433	5 524 997	2	2
		1998.. 26 774	944 182	19 496	41 483	553 722	2 160 630	4 111 812	6 248 409	2	2
		1997.. 25 953	893 768	18 547	38 300	522 522	1 970 404	3 612 025	5 538 326	X	X
33399	All other general-purpose machinery mfg .....	2000.. 188 957	7 499 061	117 265	232 186	3 601 558	17 678 710	15 962 118	33 496 236	1	1
		1999.. 187 549	7 284 361	114 611	227 258	3 486 151	17 051 875	15 104 837	32 188 534	1	1
		1998.. 196 457	7 421 878	122 059	247 257	3 707 395	17 649 036	14 945 570	32 424 900	1	1
		1997.. 194 647	7 294 569	120 304	242 157	3 621 767	17 452 661	14 404 915	31 789 815	X	X
333991	Power-driven handtool mfg .....	2000.. 17 216	565 494	12 458	23 442	316 969	2 414 357	2 313 440	4 648 239	2	2
		1999.. 16 389	523 447	12 058	22 936	297 806	2 451 162	2 121 686	4 570 774	1	2
		1998.. 16 793	553 440	12 290	23 990	322 471	2 349 697	1 954 603	4 252 332	1	1
		1997.. 16 816	531 378	12 328	24 190	315 696	1 983 354	1 660 900	3 609 379	X	X
333992	Welding & soldering equipment mfg ...	2000.. 20 087	813 344	12 228	23 320	398 396	1 929 157	2 293 794	4 234 895	5	3
		1999.. 18 488	758 202	11 387	21 561	363 654	1 890 072	2 259 392	4 192 199	3	5
		1998.. 21 128	840 387	13 404	26 264	436 163	1 920 736	2 296 870	4 276 808	1	2
		1997.. 22 505	918 180	14 640	29 279	485 833	2 027 004	2 453 362	4 444 978	X	X
333993	Packaging machinery mfg .....	2000.. 29 252	1 263 212	16 065	32 945	532 875	2 531 086	2 086 308	4 614 422	3	4
		1999.. 31 000	1 294 363	16 315	33 742	536 949	2 488 428	2 220 050	4 689 757	2	2
		1998.. 32 385	1 307 899	17 184	34 606	547 867	2 730 693	2 171 446	4 928 283	1	2
		1997.. 32 109	1 278 345	17 280	34 867	552 062	2 706 010	2 116 512	4 900 477	X	X
333994	Industrial process furnace & oven mfg .....	2000.. 16 345	632 925	10 026	20 140	289 060	1 330 538	1 249 553	2 595 299	4	5
		1999.. 16 834	624 847	9 813	20 420	287 059	1 212 480	1 159 541	2 413 765	3	4
		1998.. 17 929	670 345	11 061	24 626	325 798	1 439 927	1 324 851	2 685 900	2	3
		1997.. 17 575	657 327	10 313	23 295	288 549	1 514 761	1 365 736	2 869 912	X	X
333995	Fluid power cylinder & actuator mfg ..	2000.. 23 710	980 485	15 679	31 771	543 764	2 336 521	1 512 132	3 840 526	2	2
		1999.. 24 801	1 002 336	16 351	32 351	569 082	2 204 799	1 485 260	3 695 917	1	2
		1998.. 24 484	965 324	16 385	33 962	578 455	2 196 410	1 531 118	3 660 438	2	2
		1997.. 23 030	898 428	15 109	31 597	525 990	2 155 657	1 398 733	3 542 331	X	X
333996	Fluid power pump & motor mfg .....	2000.. 15 934	634 297	10 870	22 725	370 904	1 625 684	1 571 689	3 161 336	2	2
		1999.. 15 620	611 710	10 656	21 765	358 668	1 487 407	1 376 117	2 879 843	1	2
		1998.. 17 189	672 415	11 880	25 015	397 437	1 625 557	1 423 212	3 008 751	1	2
		1997.. 15 963	620 397	11 065	22 551	359 816	1 526 099	1 283 790	2 811 223	X	X
333997	Scale & balance (except laboratory) mfg .....	2000.. 4 613	163 102	2 897	6 019	76 810	411 881	354 573	764 630	5	8
		1999.. 4 896	165 976	3 026	5 991	81 359	411 664	343 866	751 930	5	6
		1998.. 4 849	157 0								

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
333	Machinery mfg—Con.										
3339	Other general-purpose machinery mfg—Con.										
33399	All other general-purpose machinery mfg—Con.										
333999	All other miscellaneous general-purpose machinery mfg .....	2000.. 61 801	2 446 203	37 043	71 824	1 072 781	5 099 486	4 580 629	9 636 891	2	2
		1999.. 59 521	2 303 480	35 005	68 492	991 575	4 905 862	4 138 926	8 994 351	2	2
		1998.. 61 699	2 255 037	37 282	73 779	1 034 724	5 008 872	3 917 135	8 914 222	1	3
		1997.. 61 793	2 242 027	36 911	71 626	1 032 334	5 210 348	3 779 895	8 928 934	X	X
334	Computer & electronic product mfg .....	2000.. 1 644 373	80 288 570	847 641	1 691 568	27 965 558	291 124 885	226 013 875	513 038 172	1	1
		1999.. 1 610 202	74 943 060	831 078	1 668 737	26 736 275	270 706 642	196 718 348	467 059 396	1	1
		1998.. 1 686 623	73 976 389	875 129	1 741 236	27 176 200	256 128 715	187 554 277	443 767 112	1	1
		1997.. 1 691 146	72 483 848	877 002	1 746 314	26 117 539	252 629 768	187 875 131	439 381 300	X	X
3341	Computer & peripheral equipment mfg ...	2000.. 190 307	10 377 936	73 637	141 174	2 583 414	43 380 135	66 415 317	110 028 072	1	1
		1999.. 207 666	10 984 050	80 739	167 130	2 849 032	47 056 636	65 669 727	113 161 552	1	1
		1998.. 239 921	11 233 494	91 666	181 967	3 214 423	50 015 123	63 870 360	114 481 565	1	1
		1997.. 240 307	10 899 245	99 974	200 934	3 181 898	44 111 746	66 057 526	110 054 987	X	X
33411	Computer & peripheral equipment mfg .....	2000.. 190 307	10 377 936	73 637	141 174	2 583 414	43 380 135	66 415 317	110 028 072	1	1
		1999.. 207 666	10 984 050	80 739	167 130	2 849 032	47 056 636	65 669 727	113 161 552	1	1
		1998.. 239 921	11 233 494	91 666	181 967	3 214 423	50 015 123	63 870 360	114 481 565	1	1
		1997.. 240 307	10 899 245	99 974	200 934	3 181 898	44 111 746	66 057 526	110 054 987	X	X
334111	Electronic computer mfg .....	2000.. 73 790	4 318 974	25 136	43 847	869 612	24 718 707	44 266 704	69 299 537	1	1
		1999.. 83 677	4 715 056	28 841	57 769	1 021 622	29 402 669	41 845 680	71 679 731	1	1
		1998.. 95 806	4 277 845	31 782	57 462	912 889	31 206 150	35 105 601	66 864 612	1	1
		1997.. 99 427	4 239 347	35 905	66 135	946 812	25 908 268	40 223 412	66 301 810	X	X
334112	Computer storage device mfg .....	2000.. 32 296	1 731 262	14 988	30 455	497 599	7 987 629	7 704 248	15 502 111	3	1
		1999.. 37 044	1 712 821	18 486	37 538	609 897	7 225 763	8 611 938	15 711 040	2	1
		1998.. 45 361	2 066 595	19 765	52 349	669 116	7 982 995	10 415 242	18 420 080	1	1
		1997.. 42 012	1 910 310	20 428	42 986	622 177	7 386 606	8 036 209	15 354 924	X	X
334113	Computer terminal mfg .....	2000.. 3 270	149 636	1 487	3 099	52 164	390 268	410 694	808 217	10	33
		1999.. 4 409	183 737	2 201	4 434	65 465	388 833	544 569	941 196	7	11
		1998.. 5 167	218 247	2 171	4 991	74 013	444 465	651 309	1 096 153	4	10
		1997.. 5 764	253 086	2 843	5 862	89 526	531 875	941 879	1 486 965	X	X
334119	Other computer peripheral equipment mfg .....	2000.. 81 011	4 178 064	32 025	63 774	1 164 039	10 283 531	14 033 671	24 418 208	3	3
		1999.. 82 536	4 372 437	31 212	67 390	1 152 048	10 039 370	14 667 540	24 829 585	2	4
		1998.. 93 587	4 670 807	37 947	67 165	1 558 405	10 381 512	17 698 208	28 100 719	2	1
		1997.. 93 104	4 496 502	40 798	85 951	1 523 383	10 284 997	16 856 026	26 911 288	X	X
3342	Communications equipment mfg .....	2000.. 291 122	16 591 288	128 195	251 512	4 780 680	66 812 691	54 696 123	119 328 932	3	1
		1999.. 274 161	14 259 489	121 460	233 876	4 234 546	55 867 710	41 821 737	97 953 424	1	1
		1998.. 286 973	13 804 299	132 450	256 961	4 480 171	48 255 585	38 677 530	86 119 329	1	1
		1997.. 294 865	13 826 630	135 313	261 498	4 524 867	48 040 124	35 767 800	82 852 421	X	X
33421	Telephone apparatus mfg .....	2000.. 108 799	6 983 865	40 728	78 770	1 677 502	39 519 546	26 913 279	65 214 019	3	2
		1999.. 108 459	6 261 789	42 807	81 064	1 644 325	32 744 780	20 264 666	52 767 369	2	1
		1998.. 101 364	5 378 812	41 455	78 424	1 561 854	25 415 686	17 110 827	41 790 925	1	1
		1997.. 103 874	5 377 394	41 969	78 587	1 552 391	23 766 132	14 846 321	38 375 534	X	X
334210	Telephone apparatus mfg .....	2000.. 108 799	6 983 865	40 728	78 770	1 677 502	39 519 546	26 913 279	65 214 019	3	2
		1999.. 108 459	6 261 789	42 807	81 064	1 644 325	32 744 780	20 264 666	52 767 369	2	1
		1998.. 101 364	5 378 812	41 455	78 424	1 561 854	25 415 686	17 110 827	41 790 925	1	1
		1997.. 103 874	5 377 394	41 969	78 587	1 552 391	23 766 132	14 846 321	38 375 534	X	X
33422	Radio & TV broadcasting & wireless communications equipment mfg .....	2000.. 159 441	8 746 005	76 113	151 207	2 812 028	24 502 913	25 669 862	49 210 189	5	2
		1999.. 141 726	7 155 428	67 026	131 167	2 312 178	20 482 707	19 621 447	40 647 053	2	2
		1998.. 161 264	7 514 117	79 343	156 150	2 648 628	20 446 628	19 785 508	40 138 927	1	1
		1997.. 166 801	7 572 853	81 758	160 572	2 712 736	21 773 109	19 322 745	40 373 077	X	X
334220	Radio & TV broadcasting & wireless communications equipment mfg .....	2000.. 159 441	8 746 005	76 113	151 207	2 812 028	24 502 913	25 669 862	49 210 189	5	2
		1999.. 141 726	7 155 428	67 026	131 167	2 312 178	20 482 707	19 621 447	40 647 053	2	2
		1998.. 161 264	7 514 117	79 343	156 150	2 648 628	20 446 628	19 785 508	40 138 927	1	1
		1997.. 166 801	7 572 853	81 758	160 572	2 712 736	21 773 109	19 322 745	40 373 077	X	X
33429	Other communications equipment mfg .....	2000.. 22 882	861 418	11 355	21 535	291 150	2 790 231	2 112 982	4 904 724	3	3
		1999.. 23 977	842 271	11 627	21 645	278 043	2 640 223	1 935 625	4 539 002	3	2
		1998.. 24 345	911 371	11 652	22 387	269 689	2 393 271	1 781 194	4 189 477	2	2
		1997.. 24 190	876 383	11 586	22 339	259 740	2 500 883	1 598 734	4 103 810	X	X
334290	Other communications equipment mfg .....	2000.. 22 882	861 418	11 355	21 535	291 150	2 790 231	2 112 982	4 904 724	3	3
		1999.. 23 977	842 271	11 627	21 645	278 043	2 640 223	1 935 625	4 539 002	3	2
		1998.. 24 345	911 371	11 652	22 387	269 689	2 393 271	1 781 194	4 189 477	2	2
		1997.. 24 190	876 383	11 586	22 339	259 740	2 500 883	1 598 734	4 103 810	X	X
3343	Audio & video equipment mfg .....	2000.. 28 692	975 307	19 002	36 411	449 931	3 260 864	6 211 966	9 327 878	4	6
		1999.. 29 760	990 808	20 266	37 712	480 172	2 854 957	6 152 890	8 927 205	3	5
		1998.. 32 373	958 676	22 957	43 781	514 022	2 663 022	5 588 525	8 326 538	2	5
		1997.. 30 306	918 069	20 684	40 461	463 377	2 372 815	5 825 578	8 226 685	X	X
33431	Audio & video equipment mfg .....	2000.. 28 692	975 307	19 002	36 411	449 931	3 260 864	6 211 966	9 327 878	4	6
		1999.. 29 760	990 808	20 266	37 712	480 172	2 854 957	6 152 890	8 927 205	3	5
		1998.. 32 373	958 676	22 957	43 781	514 022	2 663 022	5 588 525	8 326 538	2	5
		1997.. 30 306	918 069	20 684	40 461	463 377	2 372 815	5 825 578	8 226 685	X	X
334310	Audio & video equipment mfg .....	2000.. 28 692	975 307	19 002	36 411	449 931	3 260 864	6 211 966	9 327 878	4	6
		1999.. 29 760	990 808	20 266	37 712	480 172	2 854 957	6 152 890	8 927 205	3	5
		1998.. 32 373	958 676	22 957	43 781	514 022	2 663 022	5 588 525	8 326 538	2	5
		1997.. 30 306	918 069	20 684	40 461	463 377	2 372 815	5 825 578	8 226 685	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
334	Computer & electronic product mfg—Con.										
3344	Semiconductor & other electronic component mfg .....	2000.. 620 927	26 663 227	397 602	807 297	11 979 863	111 624 709	58 647 103	168 455 084	2	1
		1999.. 586 221	24 043 676	377 893	770 340	11 131 419	101 734 005	46 081 272	146 798 872	1	1
		1998.. 585 395	22 320 889	376 761	755 066	10 240 894	89 077 959	43 942 721	133 193 113	1	1
		1997.. 587 313	22 142 761	373 814	748 573	9 740 797	94 354 658	45 183 238	139 083 873	X	X
33441	Semiconductor & other electronic component mfg .....	2000.. 620 927	26 663 227	397 602	807 297	11 979 863	111 624 709	58 647 103	168 455 084	2	1
		1999.. 586 221	24 043 676	377 893	770 340	11 131 419	101 734 005	46 081 272	146 798 872	1	1
		1998.. 585 395	22 320 889	376 761	755 066	10 240 894	89 077 959	43 942 721	133 193 113	1	1
		1997.. 587 313	22 142 761	373 814	748 573	9 740 797	94 354 658	45 183 238	139 083 873	X	X
334411	Electron tube mfg .....	2000.. 16 187	633 281	12 718	26 809	433 493	1 362 979	2 213 569	3 560 211	1	1
		1999.. 17 619	663 279	13 647	28 313	449 030	1 758 039	2 089 404	3 821 710	1	1
		1998.. 21 443	736 774	16 746	34 209	494 002	1 619 415	2 094 039	3 730 035	1	1
		1997.. 21 656	726 712	16 774	34 208	488 835	1 568 417	2 273 565	3 789 948	X	X
334412	Bare printed circuit board mfg .....	2000.. 84 013	2 934 958	67 531	144 650	2 005 003	6 333 448	5 932 431	12 074 177	5	4
		1999.. 81 416	2 661 239	65 239	137 886	1 798 136	5 557 074	4 413 171	9 832 103	3	3
		1998.. 78 774	2 395 819	62 507	130 783	1 573 304	5 047 653	4 144 473	9 144 266	1	1
		1997.. 72 282	2 110 176	56 173	113 963	1 345 948	5 062 300	3 486 866	8 507 125	X	X
334413	Semiconductor & related device mfg .....	2000.. 233 873	13 074 995	125 697	254 504	4 636 466	74 540 790	19 711 741	93 340 001	3	1
		1999.. 214 667	11 651 290	116 583	237 394	4 310 458	68 021 675	15 853 489	83 535 638	1	1
		1998.. 203 058	10 449 335	108 248	213 704	3 714 467	59 977 245	15 303 115	75 048 378	1	1
		1997.. 199 037	10 101 783	106 484	210 061	3 531 168	64 135 313	15 055 008	78 479 496	X	X
334414	Electronic capacitor mfg .....	2000.. 18 013	579 244	12 979	25 054	309 138	1 870 970	1 589 934	3 414 168	4	2
		1999.. 16 159	481 969	11 080	22 306	282 032	1 258 172	1 088 771	2 361 117	3	3
		1998.. 18 197	510 415	12 737	24 966	272 439	1 239 544	1 033 132	2 265 591	1	1
		1997.. 19 317	539 446	13 611	26 326	291 291	1 444 666	1 158 130	2 560 984	X	X
334415	Electronic resistor mfg .....	2000.. 9 473	273 134	6 708	13 883	157 156	766 372	462 312	1 211 914	3	4
		1999.. 9 470	268 259	6 661	13 561	146 835	673 260	388 212	1 058 206	3	4
		1998.. 10 755	288 205	7 692	14 829	169 682	674 588	429 607	1 106 278	2	6
		1997.. 11 624	305 365	8 461	16 207	174 409	801 153	422 703	1 240 008	X	X
334416	Electronic coil, transformer, & other inductor mfg .....	2000.. 17 283	463 516	13 192	26 176	271 912	1 040 311	638 735	1 652 706	2	5
		1999.. 17 052	429 551	13 184	25 511	249 608	865 949	545 592	1 405 827	2	3
		1998.. 19 034	467 118	14 747	29 178	267 434	956 850	554 693	1 507 616	1	4
		1997.. 18 999	450 514	14 784	29 613	261 187	936 268	589 896	1 524 064	X	X
334417	Electronic connector mfg .....	2000.. 33 918	1 276 021	25 516	53 874	765 174	4 214 442	1 978 250	6 158 506	4	4
		1999.. 32 844	1 128 374	24 211	50 242	673 711	3 533 712	1 591 263	5 125 317	3	5
		1998.. 39 358	1 187 395	27 586	56 573	723 503	3 706 797	1 619 264	5 325 651	2	1
		1997.. 37 589	1 171 568	27 772	56 160	717 464	3 788 056	1 766 881	5 550 540	X	X
334418	Printed circuit assembly (electronic assembly) mfg .....	2000.. 116 806	4 411 585	71 161	142 940	1 939 685	14 624 555	21 008 000	35 045 269	4	6
		1999.. 105 956	3 865 530	65 614	133 623	1 792 433	13 739 565	15 662 305	28 920 337	3	6
		1998.. 104 960	3 549 080	66 733	132 500	1 677 700	10 082 321	14 493 887	24 994 715	3	3
		1997.. 115 076	4 007 610	68 441	137 697	1 600 815	10 592 734	16 116 426	27 103 573	X	X
334419	Other electronic component mfg .....	2000.. 91 361	3 016 493	62 100	119 409	1 461 834	6 870 844	5 112 131	11 998 132	3	4
		1999.. 91 038	2 894 186	61 674	121 504	1 449 176	6 326 559	4 449 066	10 738 616	2	4
		1998.. 89 815	2 736 746	59 765	118 324	1 348 363	5 773 545	4 270 510	10 070 583	1	1
		1997.. 91 733	2 729 587	61 314	118 338	1 329 680	6 025 751	4 313 763	10 328 135	X	X
3345	Navigational, measuring, medical, & control instruments mfg .....	2000.. 469 407	24 105 486	197 350	390 825	7 233 489	61 438 554	35 960 453	97 199 044	1	1
		1999.. 466 032	23 052 018	197 536	390 201	7 075 923	58 304 899	33 262 558	91 555 127	1	1
		1998.. 483 865	23 668 120	211 723	420 882	7 581 592	59 915 939	31 106 154	91 082 945	1	1
		1997.. 484 438	22 843 455	209 238	415 620	7 092 891	58 284 906	30 799 004	89 465 709	X	X
33451	Navigational, measuring, medical, & control instruments mfg .....	2000.. 469 407	24 105 486	197 350	390 825	7 233 489	61 438 554	35 960 453	97 199 044	1	1
		1999.. 466 032	23 052 018	197 536	390 201	7 075 923	58 304 899	33 262 558	91 555 127	1	1
		1998.. 483 865	23 668 120	211 723	420 882	7 581 592	59 915 939	31 106 154	91 082 945	1	1
		1997.. 484 438	22 843 455	209 238	415 620	7 092 891	58 284 906	30 799 004	89 465 709	X	X
334510	Electromedical & electrotherapeutic apparatus mfg .....	2000.. 52 280	2 675 043	23 484	47 431	735 689	8 910 848	4 711 776	13 573 587	2	2
		1999.. 53 237	2 588 044	22 785	45 745	715 266	7 706 455	4 409 001	12 166 114	2	2
		1998.. 55 333	2 670 194	24 127	48 775	756 629	7 886 308	4 156 163	11 959 013	3	2
		1997.. 55 044	2 635 085	24 724	50 363	741 374	7 619 290	3 995 354	11 581 624	X	X
334511	Search, detection, navigation, & guidance instrument mfg .....	2000.. 179 508	10 120 039	61 344	116 208	2 624 683	21 895 804	11 053 756	33 217 290	1	1
		1999.. 172 452	9 571 931	60 544	116 724	2 583 897	22 107 624	10 421 589	32 486 008	1	1
		1998.. 188 299	10 257 901	69 485	134 441	2 910 566	23 941 705	9 192 213	33 265 406	1	1
		1997.. 188 325	9 977 629	65 102	126 006	2 627 879	23 155 326	9 051 326	32 661 495	X	X
334512	Automatic environmental control mfg .....	2000.. 20 357	721 152	13 471	27 310	371 081	1 984 799	1 326 899	3 313 771	4	2
		1999.. 20 480	697 647	13 721	28 413	367 589	1 880 864	1 173 887	3 089 522	2	2
		1998.. 20 477	670 457	14 531	27 165	366 769	1 898 607	1 261 242	3 133 485	6	4
		1997.. 21 470	666 464	14 922	29 904	371 348	1 737 147	1 195 244	2 943 971	X	X
334513	Industrial process control instrument mfg .....	2000.. 44 147	1 945 793	19 602	39 115	652 103	4 800 186	2 948 143	7 714 702	2	2
		1999.. 45 887	1 959 555	20 387	40 711	657 704	4 581 307	2 892 955	7 482 846	2	1
		1998.. 46 957	2 013 993	22 015	42 715	690 384	4 761 813	2 858 579	7 621 243	1	2
		1997.. 48 237	1 958 046	21 312	41 233	618 958	4 914 894	2 728 231	7 662 564	X	X
334514	Totalizing fluid meter & counting device mfg .....	2000.. 19 210	891 927	12 171	25 900	523 746	2 206 037	2 416 737	4 606 683	8	7
		1999.. 19 644	937 130	11 919	25 073	499 635	2 051 183	2 183 208	4 248 169	4	2
		1998.. 16 726	695 847	11 654	23 578	422 045	2 018 174	1 836 148	3 840 622	1	2
		1997.. 17 155	666 032	11 853	23 367	404 421	1 996 360	1 712 162	3 716 095	X	X
334515	Electricity measuring & testing instrument mfg .....	2000.. 62 136	3 396 082	25 911	51 560	977 293	10 425 373	5 857 023	16 116 516	2	2
		1999.. 63 181	3 143 835	27 030	51 816	965 757	9 010 404	5 161 018	14 079 580	1	2
		1998.. 63 976	3 222 892	28 721	59 505	1 050 922	8 754 959	4 772 611	13 610 141	1	3
		1997.. 63 891	3 045 208	29 626	60 904	1 033 172	8 991 807	5 140 771	14 025 050	X	X

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
334	Computer & electronic product mfg—Con.										
3345	Navigational, measuring, medical, & control instruments mfg—Con.										
33451	Navigational, measuring, medical, & control instruments mfg—Con.										
334516	Analytical laboratory instrument mfg .....	2000.. 36 183	1 883 491	12 930	26 736	472 520	4 696 369	3 093 039	7 746 429	3	2
		1999.. 36 113	1 784 706	13 126	27 000	454 358	4 715 001	2 775 193	7 509 390	3	2
		1998.. 36 278	1 767 898	13 075	26 526	512 555	4 480 606	2 689 605	7 201 507	1	1
		1997.. 36 820	1 728 708	13 660	27 460	495 787	4 111 184	2 752 613	6 899 852	X	X
334517	Irradiation apparatus mfg .....	2000.. 12 312	663 082	4 735	10 712	188 903	2 214 905	1 668 931	3 897 240	4	2
		1999.. 12 717	689 773	5 052	11 854	201 819	2 249 883	1 664 919	3 948 766	4	2
		1998.. 13 929	692 336	5 650	12 531	203 784	2 243 374	1 833 998	4 061 936	1	1
		1997.. 13 547	642 088	5 657	12 299	187 134	2 075 258	1 884 903	3 970 454	X	X
334518	Watch, clock, & part mfg .....	2000.. 7 343	218 154	5 229	11 117	108 743	720 475	463 238	1 175 534	10	6
		1999.. 7 480	211 189	5 324	10 471	107 948	771 902	445 232	1 168 367	10	6
		1998.. 6 521	199 384	4 510	9 596	99 179	598 509	425 110	1 020 778	2	2
		1997.. 6 333	178 487	4 482	9 229	93 587	550 979	380 479	921 827	X	X
334519	Other measuring & controlling device mfg .....	2000.. 35 931	1 590 722	18 472	34 736	578 728	3 583 756	2 420 911	5 837 293	3	4
		1999.. 34 840	1 468 209	17 649	32 392	521 951	3 230 276	2 136 055	5 376 365	3	3
		1998.. 35 368	1 477 220	17 954	36 051	568 759	3 331 884	2 080 333	5 368 816	2	2
		1997.. 33 616	1 345 708	17 900	34 855	519 231	3 132 661	1 957 921	5 082 777	X	X
3346	Mfg & reproducing magnetic & optical media .....	2000.. 43 918	1 575 326	31 854	64 347	938 181	4 607 933	4 082 913	8 699 162	4	4
		1999.. 46 361	1 613 020	33 184	69 479	965 183	4 888 436	3 730 164	8 663 216	3	3
		1998.. 58 097	1 990 910	39 571	82 580	1 145 098	6 201 087	4 368 987	10 563 622	3	2
		1997.. 53 917	1 853 688	37 979	79 228	1 113 709	5 465 519	4 241 985	9 697 625	X	X
33461	Mfg & reproducing magnetic & optical media .....	2000.. 43 918	1 575 326	31 854	64 347	938 181	4 607 933	4 082 913	8 699 162	4	4
		1999.. 46 361	1 613 020	33 184	69 479	965 183	4 888 436	3 730 164	8 663 216	3	3
		1998.. 58 097	1 990 910	39 571	82 580	1 145 098	6 201 087	4 368 987	10 563 622	3	2
		1997.. 53 917	1 853 688	37 979	79 228	1 113 709	5 465 519	4 241 985	9 697 625	X	X
334611	Software reproducing .....	2000.. 1 835	80 402	1 791	3 400	57 996	253 909	149 628	403 414	40	28
		1999.. 2 785	98 862	2 511	4 792	74 585	370 458	169 098	535 336	26	22
		1998.. 12 432	466 143	6 364	13 318	206 046	1 256 085	648 662	1 889 302	8	9
		1997.. 7 868	302 863	4 212	9 721	192 472	786 164	421 955	1 209 207	X	X
334612	Prerecorded CD (except software), tape, & record reproducing .....	2000.. 27 053	883 399	20 424	41 980	576 829	2 913 398	1 985 661	4 894 180	5	5
		1999.. 26 359	832 806	19 260	40 796	534 401	2 615 452	1 742 207	4 364 283	5	4
		1998.. 26 481	808 900	20 452	42 118	544 876	2 702 739	1 602 553	4 315 726	1	1
		1997.. 25 180	747 551	19 430	40 123	512 482	2 379 126	1 411 504	3 809 652	X	X
334613	Magnetic & optical recording media mfg .....	2000.. 15 030	611 525	9 639	18 967	303 356	1 440 626	1 947 624	3 401 568	5	5
		1999.. 17 217	681 352	11 414	23 891	356 197	1 902 526	1 818 858	3 763 597	4	3
		1998.. 19 184	715 867	12 756	27 143	394 176	2 242 263	2 117 772	4 358 594	8	1
		1997.. 20 869	803 274	14 337	29 384	408 755	2 300 229	2 408 526	4 678 766	X	X
335	Electrical equipment, appliance, & component mfg .....	2000.. 592 885	20 672 113	431 371	853 871	12 101 265	62 990 631	62 280 162	124 864 862	1	1
		1999.. 592 639	20 040 791	433 152	864 033	11 878 379	59 544 205	58 611 857	118 312 810	1	1
		1998.. 593 347	19 528 559	432 417	862 375	11 681 365	59 124 430	57 014 078	116 024 078	1	1
		1997.. 593 802	18 972 741	432 273	860 344	11 368 753	57 215 610	54 987 295	112 116 267	X	X
3351	Electric lighting equipment mfg .....	2000.. 76 282	2 414 912	54 690	107 756	1 445 149	7 501 238	5 907 575	13 303 520	4	2
		1999.. 78 252	2 367 612	56 558	112 207	1 392 189	7 358 998	6 043 182	13 462 077	3	2
		1998.. 72 849	2 170 324	54 929	114 097	1 363 141	7 517 056	5 915 745	13 480 092	1	1
		1997.. 74 987	2 204 508	55 744	112 190	1 360 134	7 038 950	5 692 530	12 710 091	X	X
33511	Electric lamp bulb & part mfg .....	2000.. 12 768	543 357	10 790	24 010	449 669	1 990 208	1 004 896	2 984 128	18	5
		1999.. 12 969	497 408	11 060	23 945	419 890	1 896 374	950 037	2 907 400	18	6
		1998.. 15 946	556 505	13 072	27 065	446 149	2 177 383	1 126 153	3 320 979	1	1
		1997.. 15 903	574 696	13 478	28 532	471 301	2 119 597	1 185 867	3 306 009	X	X
335110	Electric lamp bulb & part mfg .....	2000.. 12 768	543 357	10 790	24 010	449 669	1 990 208	1 004 896	2 984 128	18	5
		1999.. 12 969	497 408	11 060	23 945	419 890	1 896 374	950 037	2 907 400	18	6
		1998.. 15 946	556 505	13 072	27 065	446 149	2 177 383	1 126 153	3 320 979	1	1
		1997.. 15 903	574 696	13 478	28 532	471 301	2 119 597	1 185 867	3 306 009	X	X
33512	Lighting fixture mfg .....	2000.. 63 514	1 871 555	43 901	83 746	995 480	5 511 031	4 902 680	10 319 392	2	3
		1999.. 65 283	1 870 204	45 498	88 262	972 299	5 462 624	5 093 144	10 554 677	2	3
		1998.. 56 903	1 613 819	41 857	87 033	916 992	5 339 673	4 789 592	10 159 113	2	2
		1997.. 59 084	1 629 812	42 266	83 658	888 833	4 919 353	4 506 663	9 404 082	X	X
335121	Residential electric lighting fixture mfg .....	2000.. 18 071	463 594	13 225	25 309	255 706	1 219 895	932 752	2 116 491	5	6
		1999.. 19 383	457 838	13 911	27 363	255 089	1 177 905	905 448	2 087 582	5	7
		1998.. 17 871	456 504	13 676	27 297	254 469	1 196 054	1 157 891	2 376 950	3	2
		1997.. 17 681	430 595	13 194	26 142	234 477	1 166 774	1 087 396	2 255 251	X	X
335122	Commercial/industrial/institutional electric lighting fixture mfg .....	2000.. 23 836	736 215	16 437	32 371	397 553	2 408 729	2 229 878	4 616 602	3	4
		1999.. 24 711	732 607	17 311	33 681	379 848	2 291 802	2 403 897	4 686 971	3	4
		1998.. 22 273	632 564	16 309	34 661	358 968	2 415 823	2 082 695	4 480 225	2	1
		1997.. 23 098	657 592	16 409	33 063	364 950	2 070 729	2 043 965	4 101 442	X	X
335129	Other lighting equipment mfg .....	2000.. 21 607	671 746	14 239	26 066	342 221	1 882 408	1 740 049	3 586 299	3	3
		1999.. 21 189	679 759	14 276	27 217	337 363	1 992 917	1 783 799	3 780 123	2	3
		1998.. 16 759	524 751	11 872	25 075	303 555	1 727 796	1 549 005	3 301 937	5	5
		1997.. 18 305	541 625	12 663	24 453	289 406	1 681 850	1 375 302	3 047 989	X	X
3352	Household appliance mfg .....	2000.. 99 223	3 274 290	82 563	162 700	2 375 591	10 169 476	12 915 436	23 161 715	1	1
		1999.. 97 871	3 113 069	82 317	160 803	2 278 953	10 090 667	12 234 937	22 372 219	1	1
		1998.. 99 531	3 089 525	82 373	157 760	2 240 202	10 032 133	12 588 257	22 471 878	1	1
		1997.. 97 232	2 916 830	79 808	155 504	2 122 738	10 082 604	11 292 048	21 394 445	X	X

See footnotes at end of table.

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
335	Electrical equipment, appliance, & component mfg—Con.										
3352	Household appliance mfg—Con.										
33521	Small electrical appliance mfg .....	2000.. 24 477	747 552	18 323	36 399	461 157	2 547 215	2 852 544	5 421 582	2	4
		1999.. 23 987	677 382	18 251	33 872	402 514	2 394 258	2 496 775	4 892 573	3	4
		1998.. 26 419	742 960	19 551	37 344	431 195	2 503 127	3 291 006	5 757 970	1	3
		1997.. 27 505	748 041	20 111	37 601	434 845	2 869 205	3 026 039	5 907 367	X	X
335211	Electric housewares & household fan mfg .....	2000.. 12 928	362 171	9 735	19 933	210 061	1 135 711	1 239 794	2 392 230	4	9
		1999.. 13 823	333 878	10 914	20 548	202 914	1 106 125	1 304 237	2 449 013	5	10
		1998.. 15 480	372 274	11 793	22 483	221 532	1 264 667	1 769 077	3 027 425	2	6
		1997.. 17 058	411 389	12 948	24 212	251 100	1 666 523	1 860 256	3 532 813	X	X
335212	Household vacuum cleaner mfg .....	2000.. 11 549	385 381	8 587	16 466	251 096	1 411 504	1 612 750	3 029 353	1	1
		1999.. 10 164	343 504	7 337	13 324	199 599	1 288 133	1 192 539	2 443 560	2	1
		1998.. 10 939	370 685	7 758	14 860	209 663	1 238 460	1 521 929	2 730 544	1	1
		1997.. 10 447	336 652	7 163	13 389	183 745	1 202 682	1 165 783	2 374 554	X	X
33522	Major appliance mfg .....	2000.. 74 746	2 526 738	64 240	126 301	1 914 435	7 622 261	10 062 892	17 740 133	1	1
		1999.. 73 884	2 435 687	64 066	126 931	1 876 440	7 696 410	9 738 161	17 479 646	1	1
		1998.. 73 113	2 346 565	62 822	120 416	1 809 007	7 529 006	9 297 251	16 713 908	1	1
		1997.. 69 727	2 168 789	59 697	117 903	1 687 893	7 213 399	8 266 009	15 487 078	X	X
335221	Household cooking appliance mfg .....	2000.. 17 727	505 133	15 004	31 725	352 568	1 763 965	2 249 679	4 092 939	2	2
		1999.. 19 120	555 294	16 376	33 671	393 994	1 564 357	2 285 357	3 915 499	1	2
		1998.. 18 237	523 078	15 263	29 785	356 750	1 704 978	2 225 702	3 849 167	6	5
		1997.. 17 481	477 587	14 378	29 881	331 137	1 704 606	1 794 638	3 520 635	X	X
335222	Household refrigerator & home freezer mfg .....	2000.. 27 428	978 161	24 117	45 854	787 141	2 350 737	3 643 328	5 867 432	1	1
		1999.. 25 683	873 720	22 576	44 103	703 849	2 585 694	3 471 175	6 038 537	1	1
		1998.. 24 921	837 302	22 058	42 406	689 198	2 035 926	3 182 774	5 188 241	1	1
		1997.. 24 597	801 717	21 513	41 152	648 064	1 941 186	2 943 884	4 887 364	X	X
335224	Household laundry equipment mfg .....	2000.. 15 503	568 853	13 259	25 513	429 350	1 729 642	2 396 839	4 252 698	1	1
		1999.. 15 915	554 132	14 034	26 540	435 539	1 921 524	2 245 261	4 163 330	1	1
		1998.. 16 740	565 166	14 307	26 318	438 647	2 105 958	2 316 703	4 421 433	1	1
		1997.. 14 801	480 076	12 925	25 055	393 537	1 792 070	2 081 226	3 847 002	X	X
335228	Other major household appliance mfg .....	2000.. 14 088	474 591	11 860	23 209	345 376	1 777 918	1 773 046	3 527 064	3	4
		1999.. 13 166	452 542	11 081	22 617	343 058	1 624 835	1 736 368	3 362 280	2	3
		1998.. 13 215	421 019	11 195	21 906	324 412	1 682 143	1 572 772	3 255 066	1	1
		1997.. 12 848	409 409	10 881	21 815	315 155	1 775 537	1 446 261	3 232 077	X	X
3353	Electrical equipment mfg .....	2000.. 196 425	7 079 038	135 279	262 414	3 787 865	19 110 168	17 192 497	36 264 513	1	1
		1999.. 201 491	7 071 304	139 421	275 260	3 854 284	18 628 948	17 010 965	35 697 720	1	1
		1998.. 205 756	7 013 831	141 444	275 856	3 824 789	19 210 972	17 115 500	36 265 722	1	1
		1997.. 209 311	6 845 920	144 608	285 279	3 776 159	19 241 142	16 989 463	36 233 634	X	X
33531	Electrical equipment mfg .....	2000.. 196 425	7 079 038	135 279	262 414	3 787 865	19 110 168	17 192 497	36 264 513	1	1
		1999.. 201 491	7 071 304	139 421	275 260	3 854 284	18 628 948	17 010 965	35 697 720	1	1
		1998.. 205 756	7 013 831	141 444	275 856	3 824 789	19 210 972	17 115 500	36 265 722	1	1
		1997.. 209 311	6 845 920	144 608	285 279	3 776 159	19 241 142	16 989 463	36 233 634	X	X
335311	Power, distribution, & specialty transformer mfg .....	2000.. 26 300	879 920	19 416	40 496	538 429	2 725 674	2 513 088	5 196 164	3	5
		1999.. 25 541	839 336	18 668	40 044	506 927	2 439 719	2 337 378	4 760 585	1	2
		1998.. 26 758	831 006	19 753	39 977	508 941	2 476 386	2 343 284	4 779 143	4	5
		1997.. 26 897	825 550	20 158	41 367	518 189	2 566 056	2 189 069	4 743 781	X	X
335312	Motor & generator mfg .....	2000.. 65 116	2 038 055	49 965	97 656	1 291 615	5 248 359	4 788 578	10 052 261	2	2
		1999.. 69 300	2 131 915	53 975	106 078	1 407 621	5 404 426	5 425 624	10 815 043	1	2
		1998.. 70 105	2 149 600	55 269	105 588	1 456 215	5 993 778	5 738 413	11 594 835	3	3
		1997.. 74 171	2 172 250	57 853	115 681	1 456 910	6 123 289	6 027 446	12 174 434	X	X
335313	Switchgear & switchboard apparatus mfg .....	2000.. 43 274	1 663 719	30 983	61 301	950 773	4 964 403	4 311 753	9 251 432	3	2
		1999.. 42 929	1 606 796	30 234	62 222	923 677	4 702 693	3 767 724	8 466 374	1	1
		1998.. 41 859	1 507 992	29 467	61 288	875 641	4 458 253	3 449 230	7 877 174	1	1
		1997.. 40 358	1 430 985	28 119	57 651	836 400	4 322 599	3 166 941	7 488 911	X	X
335314	Relay & industrial control mfg .....	2000.. 61 735	2 497 344	34 915	62 961	1 007 049	6 171 731	5 579 079	11 764 656	1	2
		1999.. 63 721	2 493 257	36 545	66 916	1 016 059	6 082 110	5 480 239	11 655 718	1	1
		1998.. 67 034	2 525 233	36 955	69 003	983 992	6 282 555	5 584 574	12 014 570	2	1
		1997.. 67 885	2 417 135	38 478	70 580	964 660	6 229 198	5 606 007	11 826 508	X	X
3359	Other electrical equipment & component mfg .....	2000.. 220 956	7 903 872	158 840	321 001	4 492 659	26 209 748	26 264 654	52 135 113	1	1
		1999.. 215 025	7 488 807	154 855	315 763	4 352 953	23 465 592	23 322 774	46 780 795	1	1
		1998.. 215 210	7 254 879	153 671	314 662	4 253 233	22 364 269	21 394 576	43 806 387	1	1
		1997.. 212 272	7 005 483	152 113	307 371	4 109 722	20 852 914	21 013 254	41 778 097	X	X
33591	Battery mfg .....	2000.. 32 477	1 182 935	26 030	53 024	821 122	4 051 888	3 841 071	7 819 939	1	2
		1999.. 31 727	1 148 977	25 530	52 479	806 567	4 043 145	3 602 623	7 643 016	1	3
		1998.. 30 686	1 061 894	24 459	50 299	766 556	3 500 302	3 403 621	6 886 491	1	2
		1997.. 32 507	1 087 746	25 768	50 950	782 452	3 560 826	3 264 177	6 823 196	X	X
335911	Storage battery mfg .....	2000.. 23 346	834 257	18 807	38 949	590 301	2 400 692	2 580 745	4 957 908	1	3
		1999.. 23 029	817 510	18 511	38 635	581 418	2 504 686	2 399 262	4 904 082	1	5
		1998.. 21 900	751 880	17 767	36 676	562 144	2 039 932	2 222 101	4 252 466	2	2
		1997.. 23 318	790 839	18 719	37 507	587 577	2 169 833	2 245 395	4 435 329	X	X
335912	Primary battery mfg .....	2000.. 9 131	348 679	7 223	14 076	230 820	1 651 196	1 260 326	2 862 031	3	1
		1999.. 8 699	331 468	7 019	13 844	225 148	1 538 459	1 203 360	2 738 935	3	1
		1998.. 8 786	310 014	6 692	13 623	204 412	1 460 370	1 181 521	2 634 025	1	3
		1997.. 9 189	296 907	7 049	13 443	194 875	1 390 993	1 018 782	2 387 867	X	X
33592	Communication & energy wire & cable mfg .....	2000.. 62 139	2 302 430	46 182	97 591	1 413 359	8 446 081	12 032 516	20 342 409	2	2
		1999.. 58 000	2 108 390	42 596	89 730	1 315 738	6 711 880	10 398 789	17 126 504	1	1
		1998.. 56 126	2 003 744	40 171	86 921	1 215 838	6 515 459	8 767 842	15 269 963	1	2
		1997.. 54 987	1 896 479	39 687	83 966	1 149 540	6 229 721	9 063 209	15 245 693	X	X
335921	Fiber optic cable mfg .....	2000.. 12 040	490 180	8 558	16 941	294 457	2 432 518	2 482 327	4 863 805	3	2
		1999.. 9 860	430 761	6 925	14 414	284 350	1 641 570	2 069 377	3 741 798	4	2
		1998.. 8 990	390 142	6 513	13 313						

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				F	H	A	F
335	Electrical equipment, appliance, & component mfg—Con.												
3359	Other electrical equipment & component mfg—Con.												
33592	Communication & energy wire & cable mfg—Con.												
335929	Other communication & energy wire mfg .....	2000.. 50 099	1 812 250	37 623	80 650	1 118 902	6 013 562	9 550 189	15 478 604	2	3		
		1999.. 48 140	1 677 628	35 671	75 316	1 031 388	5 070 311	8 329 412	13 384 706	1	2		
		1998.. 47 136	1 613 602	33 658	73 608	981 730	5 087 986	7 238 274	12 337 501	1	2		
		1997.. 46 357	1 530 434	33 454	71 625	931 923	4 855 952	7 609 997	12 473 265	X	X		
33593	Wiring device mfg .....	2000.. 68 599	2 230 899	50 387	97 922	1 285 776	7 614 891	4 907 759	12 467 525	2	3		
		1999.. 69 037	2 189 692	50 959	101 833	1 296 151	7 312 349	4 647 817	11 930 237	2	2		
		1998.. 70 605	2 166 451	51 366	103 638	1 304 099	6 911 388	4 682 159	11 664 378	1	3		
		1997.. 68 447	2 080 658	50 100	99 717	1 241 203	6 008 044	4 313 753	10 328 708	X	X		
335931	Current-carrying wiring device mfg ...	2000.. 44 629	1 400 116	32 276	61 643	790 474	4 614 822	2 710 390	7 294 428	4	4		
		1999.. 45 479	1 385 488	33 024	63 523	797 208	4 530 581	2 529 934	7 053 095	3	3		
		1998.. 46 125	1 368 999	33 526	65 502	810 059	4 053 665	2 500 536	6 594 066	1	2		
		1997.. 44 907	1 293 583	32 867	63 417	754 029	3 553 666	2 326 114	5 877 522	X	X		
335932	Noncurrent-carrying wiring device mfg .....	2000.. 23 970	830 783	18 112	36 279	495 302	3 000 069	2 197 369	5 173 096	1	3		
		1999.. 23 558	804 204	17 934	38 310	498 943	2 781 768	2 187 883	4 877 143	1	3		
		1998.. 24 480	797 451	17 840	38 137	494 040	2 857 723	2 111 623	5 070 312	1	7		
		1997.. 23 540	787 075	17 233	36 300	487 174	2 454 378	1 987 639	4 451 186	X	X		
33599	All other electrical equipment & component mfg .....	2000.. 57 740	2 187 607	36 240	72 463	972 403	6 096 889	5 483 308	11 505 240	2	4		
		1999.. 56 261	2 041 748	35 771	71 721	934 498	5 398 217	4 673 545	10 081 037	2	4		
		1998.. 57 794	2 022 791	37 676	73 804	966 740	5 437 120	4 540 953	9 985 555	1	2		
		1997.. 56 331	1 940 600	36 558	72 738	936 527	5 054 323	4 372 115	9 380 500	X	X		
335991	Carbon & graphite product mfg .....	2000.. 9 959	371 014	7 313	15 934	239 095	1 026 224	1 038 824	2 062 003	5	3		
		1999.. 10 290	378 493	7 641	16 448	247 837	1 037 140	1 007 647	2 099 032	3	3		
		1998.. 10 562	397 049	7 860	17 098	267 714	1 277 986	1 054 709	2 301 956	2	1		
		1997.. 10 691	397 781	7 980	17 533	261 158	1 267 908	1 096 041	2 340 732	X	X		
335999	All other miscellaneous electrical equipment & component mfg .....	2000.. 47 781	1 816 593	28 927	56 529	733 308	5 070 665	4 444 484	9 443 237	3	4		
		1999.. 45 971	1 663 255	28 130	55 273	686 660	4 361 077	3 665 898	7 982 005	2	5		
		1998.. 47 232	1 625 742	29 816	56 706	699 026	4 159 134	3 486 244	7 683 599	2	2		
		1997.. 45 640	1 542 819	28 578	55 205	675 369	3 786 415	3 276 074	7 039 768	X	X		
336	Transportation equipment mfg .....	2000.. 1 839 281	86 876 819	1 349 293	2 759 232	57 444 579	240 988 862	397 382 787	638 699 876	1	1		
		1999.. 1 873 543	87 236 224	1 370 711	2 846 163	57 221 206	263 782 885	411 905 518	676 328 002	1	1		
		1998.. 1 886 700	82 177 792	1 370 994	2 788 131	52 704 605	245 618 666	375 416 369	612 881 747	1	1		
		1997.. 1 842 315	79 616 518	1 340 735	2 734 790	51 450 169	227 510 551	348 121 929	575 306 966	X	X		
3361	Motor vehicle mfg .....	2000.. 230 525	14 558 873	200 916	405 590	61 680 491	177 866 522	239 396 064	1 1	1			
		1999.. 233 052	14 413 748	204 911	431 353	12 283 486	77 424 682	190 035 528	267 399 973	1	1		
		1998.. 234 960	12 957 724	204 676	405 542	10 771 759	66 288 674	162 893 833	229 324 666	1	1		
		1997.. 236 247	13 022 700	207 368	423 564	10 905 978	72 574 976	147 707 890	220 052 857	X	X		
33611	Automobile & light duty motor vehicle mfg .....	2000.. 195 492	12 947 243	172 526	353 539	11 141 968	56 955 203	163 232 619	220 068 111	1	1		
		1999.. 196 035	12 681 263	174 583	370 498	10 959 572	72 384 125	172 761 918	245 131 545	1	1		
		1998.. 201 366	11 518 511	177 069	352 161	9 658 097	60 409 729	150 640 297	211 202 751	1	1		
		1997.. 207 838	11 804 330	184 298	377 637	9 966 886	68 314 274	137 408 998	205 543 825	X	X		
336111	Automobile mfg .....	2000.. 94 883	6 018 065	82 336	164 666	5 066 542	29 122 917	69 758 632	98 920 696	1	1		
		1999.. 96 744	5 861 174	84 079	170 925	4 934 432	30 302 676	69 514 391	99 802 500	1	1		
		1998.. 109 196	6 054 334	92 527	180 113	4 827 121	27 124 913	69 454 328	96 707 919	1	1		
		1997.. 113 820	6 404 445	97 859	197 349	5 190 889	28 937 270	66 543 755	95 365 667	X	X		
336112	Light truck & utility vehicle mfg .....	2000.. 100 609	6 929 178	90 191	188 872	6 075 427	27 832 285	93 473 987	121 147 415	1	1		
		1999.. 99 291	6 820 089	90 504	199 573	6 025 140	42 081 449	103 247 527	145 329 045	1	1		
		1998.. 92 170	5 464 176	84 542	172 048	4 830 976	33 284 816	81 185 970	114 494 833	1	1		
		1997.. 94 018	5 399 885	86 439	180 288	4 775 997	39 377 004	70 865 243	110 178 158	X	X		
33612	Heavy duty truck mfg .....	2000.. 35 033	1 611 629	28 390	52 051	1 174 618	4 725 288	14 633 903	19 327 953	1	1		
		1999.. 37 018	1 732 485	30 328	60 855	1 323 914	5 040 557	17 273 610	22 268 429	1	1		
		1998.. 33 594	1 439 213	27 606	53 381	1 113 662	5 878 945	12 253 536	18 121 914	1	1		
		1997.. 28 409	1 218 370	23 070	45 927	939 092	4 260 702	10 298 892	14 509 032	X	X		
336120	Heavy duty truck mfg .....	2000.. 35 033	1 611 629	28 390	52 051	1 174 618	4 725 288	14 633 903	19 327 953	1	1		
		1999.. 37 018	1 732 485	30 328	60 855	1 323 914	5 040 557	17 273 610	22 268 429	1	1		
		1998.. 33 594	1 439 213	27 606	53 381	1 113 662	5 878 945	12 253 536	18 121 914	1	1		
		1997.. 28 409	1 218 370	23 070	45 927	939 092	4 260 702	10 298 892	14 509 032	X	X		
3362	Motor vehicle body & trailer mfg .....	2000.. 136 621	4 193 787	111 081	215 906	2 916 332	9 852 891	17 823 215	27 515 667	2	2		
		1999.. 137 608	4 109 735	112 953	224 868	2 900 181	10 158 942	18 578 003	28 519 187	1	2		
		1998.. 129 031	3 631 182	104 006	205 219	2 514 823	8 474 444	17 075 190	25 789 267	1	3		
		1997.. 125 015	3 386 084	100 081	197 511	2 322 488	7 693 717	15 335 443	23 007 668	X	X		
33621	Motor vehicle body & trailer mfg .....	2000.. 136 621	4 193 787	111 081	215 906	2 916 332	9 852 891	17 823 215	27 515 667	2	2		
		1999.. 137 608	4 109 735	112 953	224 868	2 900 181	10 158 942	18 578 003	28 519 187	1	2		
		1998.. 129 031	3 631 182	104 006	205 219	2 514 823	8 474 444	17 075 190	25 789 267	1	3		
		1997.. 125 015	3 386 084	100 081	197 511	2 322 488	7 693 717	15 335 443	23 007 668	X	X		
336211	Motor vehicle body mfg .....	2000.. 44 360	1 447 260	34 096	68 295	970 509	3 851 944	6 840 162	10 650 985	2	3		
		1999.. 43 170	1 374 014	33 786	68 593	944 192	3 825 866	6 779 341	10 520 313	2	3		
		1998.. 43 306	1 267 038	32 863	66 373	854 051	2 982 920	6 404 325	9 695 984	3	9		
		1997.. 42 773	1 225 282	32 582	65 628	834 399	2 995 537	6 008 290	9 008 512	X	X		
336212	Truck trailer mfg .....	2000.. 34 259	1 010 487	28 859	58 072	774 839	2 244 919	4 172 908	6 379 582	2	3		
		1999.. 34 984	988 478	29 838	59 664	738 651	2 362 530	4 423 222	6 721 755	2	3		
		1998.. 31 909	905 967	26 732	53 024	644 268	2 118 779	4 290 485	6 380 428	2	2		
		1997.. 30 648	835 977	25 633	50 446	577 684	1 788 126	3 766 432	5 504 115	X	X		
336213	Motor home mfg .....	2000.. 18 160	541 627	15 035	26 358	359 062	1 308 836	2 936 478	4 211 844	4	6		
		1999.. 20 391	651 724	16 748	33 237	450 497	1 688 928	3 695 063	5 311 038	3	4		
		1998.. 18 306	542 184	15 239	29 188	380 346	1 340 295	3 126 531	4 465 757	1	1		
		1997.. 17 801	499 374	14 484	29 409	351 814	1 178 051	2 689 793	3 894 350	X	X		
336214	Travel trailer & camper mfg .....												

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
336	Transportation equipment mfg—Con.										
3363	Motor vehicle parts mfg .....	2000.. 803 048	35 279 664	643 939	1 323 789	26 256 762	85 458 370	119 761 719	204 765 116	1	1
		1999.. 799 174	34 606 160	646 318	1 362 409	26 091 373	85 426 254	117 281 767	202 797 009	1	1
		1998.. 789 564	31 382 928	636 478	1 319 964	23 232 554	77 370 457	107 424 385	184 476 031	1	1
		1997.. 779 913	30 960 765	629 873	1 305 668	23 163 024	73 797 867	104 504 958	178 511 569	X	X
33631	Motor vehicle gasoline engine & engine parts mfg .....	2000.. 97 306	4 741 705	79 966	170 361	3 717 832	11 563 332	19 953 474	31 465 291	2	2
		1999.. 97 551	4 726 986	80 120	172 886	3 709 125	11 471 748	19 896 907	31 395 163	1	1
		1998.. 98 593	4 214 555	80 082	164 962	3 194 112	10 680 155	18 741 527	29 398 517	1	1
		1997.. 97 823	4 184 639	79 694	166 573	3 192 555	9 597 585	18 860 266	28 518 227	X	X
336311	Carburetor, piston, piston ring, & valve mfg .....	2000.. 18 581	784 483	15 203	32 189	599 967	1 836 699	1 471 037	3 273 316	5	4
		1999.. 17 341	735 552	14 268	30 735	567 225	1 757 693	1 336 803	3 108 445	4	1
		1998.. 17 706	709 099	14 579	30 761	536 278	1 676 075	1 225 645	2 913 458	1	2
		1997.. 17 241	663 961	14 285	29 836	504 719	1 587 949	1 138 820	2 731 573	X	X
336312	Gasoline engine & engine parts mfg .....	2000.. 78 725	3 957 222	64 763	138 172	3 117 865	9 726 633	18 482 437	28 191 975	2	2
		1999.. 80 209	3 991 435	65 853	142 151	3 141 900	9 714 054	18 560 105	28 286 717	1	1
		1998.. 80 887	3 505 457	65 503	134 201	2 657 834	9 004 079	17 515 882	26 485 059	1	1
		1997.. 80 582	3 520 678	65 409	136 737	2 687 836	8 009 636	17 721 446	25 786 654	X	X
33632	Motor vehicle electrical & electronic equipment mfg .....	2000.. 118 826	4 604 974	87 596	167 952	3 072 252	11 990 612	14 125 000	26 062 417	7	5
		1999.. 117 577	4 359 549	90 002	171 619	3 006 142	11 753 691	14 402 141	26 321 651	6	4
		1998.. 114 955	3 928 384	88 420	173 132	2 654 929	10 555 525	12 342 813	22 793 425	1	1
		1997.. 114 196	3 981 222	87 803	169 589	2 707 223	9 574 476	11 940 488	21 633 391	X	X
336321	Vehicular lighting equipment mfg ....	2000.. 15 055	645 641	11 135	22 664	441 456	1 703 985	1 288 755	3 000 334	2	2
		1999.. 17 233	681 882	12 954	26 671	471 551	1 709 582	1 557 389	3 312 655	2	2
		1998.. 15 660	603 249	12 109	24 232	430 755	1 494 845	1 641 398	3 137 546	1	1
		1997.. 16 624	631 881	12 990	26 628	445 699	1 612 341	1 714 351	3 336 152	X	X
336322	Other motor vehicle electrical & electronic equipment mfg .....	2000.. 103 771	3 959 333	76 461	145 288	2 630 796	10 286 627	12 836 245	23 062 083	8	6
		1999.. 100 345	3 677 666	77 048	144 948	2 534 592	10 044 109	12 844 751	23 008 996	8	4
		1998.. 99 295	3 325 135	76 310	148 900	2 224 174	9 060 679	10 701 416	19 655 879	1	1
		1997.. 97 572	3 349 341	74 813	142 961	2 261 524	7 962 135	10 226 137	18 297 239	X	X
33633	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 51 010	2 507 258	41 740	87 157	1 920 102	5 367 316	5 877 830	11 256 011	2	3
		1999.. 48 747	2 508 828	40 494	90 127	1 972 590	5 645 636	5 701 018	11 316 314	2	2
		1998.. 47 682	2 269 812	39 120	85 533	1 776 050	5 117 585	5 423 741	10 589 773	1	1
		1997.. 48 676	2 341 273	40 079	86 039	1 819 005	5 234 835	5 424 087	10 632 673	X	X
336330	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 51 010	2 507 258	41 740	87 157	1 920 102	5 367 316	5 877 830	11 256 011	2	3
		1999.. 48 747	2 508 828	40 494	90 127	1 972 590	5 645 636	5 701 018	11 316 314	2	2
		1998.. 47 682	2 269 812	39 120	85 533	1 776 050	5 117 585	5 423 741	10 589 773	1	1
		1997.. 48 676	2 341 273	40 079	86 039	1 819 005	5 234 835	5 424 087	10 632 673	X	X
33634	Motor vehicle brake system mfg .....	2000.. 44 156	1 599 437	34 803	65 950	1 129 875	4 804 492	7 574 993	12 228 538	3	3
		1999.. 44 638	1 690 889	34 940	71 965	1 221 628	4 761 678	7 764 182	12 548 948	4	3
		1998.. 45 807	1 551 511	36 800	73 136	1 130 869	4 140 406	6 906 829	11 075 700	3	2
		1997.. 43 146	1 503 210	34 319	71 184	1 077 541	4 046 472	6 952 820	10 981 044	X	X
336340	Motor vehicle brake system mfg .....	2000.. 44 156	1 599 437	34 803	65 950	1 129 875	4 804 492	7 574 993	12 228 538	3	3
		1999.. 44 638	1 690 889	34 940	71 965	1 221 628	4 761 678	7 764 182	12 548 948	4	3
		1998.. 45 807	1 551 511	36 800	73 136	1 130 869	4 140 406	6 906 829	11 075 700	3	2
		1997.. 43 146	1 503 210	34 319	71 184	1 077 541	4 046 472	6 952 820	10 981 044	X	X
33635	Motor vehicle transmission & power train parts mfg .....	2000.. 112 244	6 146 968	91 851	202 824	4 928 375	14 533 106	20 777 554	35 102 644	4	4
		1999.. 111 338	5 913 253	91 212	208 670	4 760 964	14 675 664	20 303 019	35 003 923	3	3
		1998.. 102 538	5 182 986	84 641	192 923	4 118 730	11 807 095	18 948 620	30 515 993	1	1
		1997.. 100 605	4 982 175	82 810	184 487	3 965 743	11 916 802	18 166 804	30 105 923	X	X
336350	Motor vehicle transmission & power train parts mfg .....	2000.. 112 244	6 146 968	91 851	202 824	4 928 375	14 533 106	20 777 554	35 102 644	4	4
		1999.. 111 338	5 913 253	91 212	208 670	4 760 964	14 675 664	20 303 019	35 003 923	3	3
		1998.. 102 538	5 182 986	84 641	192 923	4 118 730	11 807 095	18 948 620	30 515 993	1	1
		1997.. 100 605	4 982 175	82 810	184 487	3 965 743	11 916 802	18 166 804	30 105 923	X	X
33636	Motor vehicle seating & interior trim mfg .....	2000.. 56 473	1 980 444	44 660	90 450	1 376 549	4 993 849	10 405 408	15 358 838	2	2
		1999.. 55 455	1 972 061	44 691	92 514	1 400 220	5 104 507	9 393 541	14 463 541	2	1
		1998.. 48 898	1 636 272	39 405	80 870	1 157 437	4 181 234	8 191 822	12 379 665	1	4
		1997.. 47 885	1 532 785	38 220	78 425	1 100 800	4 272 286	7 612 024	11 869 070	X	X
336360	Motor vehicle seating & interior trim mfg .....	2000.. 56 473	1 980 444	44 660	90 450	1 376 549	4 993 849	10 405 408	15 358 838	2	2
		1999.. 55 455	1 972 061	44 691	92 514	1 400 220	5 104 507	9 393 541	14 463 541	2	1
		1998.. 48 898	1 636 272	39 405	80 870	1 157 437	4 181 234	8 191 822	12 379 665	1	4
		1997.. 47 885	1 532 785	38 220	78 425	1 100 800	4 272 286	7 612 024	11 869 070	X	X
33637	Motor vehicle metal stamping .....	2000.. 116 062	5 988 134	97 592	206 672	4 771 838	11 240 051	12 794 246	24 069 313	3	3
		1999.. 118 695	5 927 922	100 356	217 234	4 722 463	11 919 991	12 870 092	24 775 866	2	2
		1998.. 123 214	5 461 784	101 246	215 481	4 122 568	11 489 675	12 686 748	24 126 992	1	1
		1997.. 126 668	5 642 120	105 248	226 337	4 418 773	10 915 335	12 677 687	23 633 912	X	X
336370	Motor vehicle metal stamping .....	2000.. 116 062	5 988 134	97 592	206 672	4 771 838	11 240 051	12 794 246	24 069 313	3	3
		1999.. 118 695	5 927 922	100 356	217 234	4 722 463	11 919 991	12 870 092	24 775 866	2	2
		1998.. 123 214	5 461 784	101 246	215 481	4 122 568	11 489 675	12 686 748	24 126 992	1	1
		1997.. 126 668	5 642 120	105 248	226 337	4 418 773	10 915 335	12 677 687	23 633 912	X	X
33639	Other motor vehicle parts mfg .....	2000.. 206 972	7 710 746	165 731	332 423	5 339 938	20 965 611	28 253 215	49 222 064	2	2
		1999.. 205 173	7 506 672	164 503	337 394	5 298 241	20 093 339	26 950 868	46 971 604	2	2
		1998.. 207 877	7 137 624	166 765	333 927	5 077 860	19 398 782	24 182 283	43 595 966	1	1
		1997.. 200 914	6 793 341	161 700	323 034	4 881 384	18 240 076	22 870 822	41 137 329	X	X
336391	Motor vehicle air-conditioning mfg ..	2000.. 20 383	1 057 666	16 873	35 286	796 858	2 496 443	3 194 696	5 707 080	1	1
		1999.. 21 477	1 169 656	17 829	39 831	886 614	2 713 599	3 363 162	6 065 425	1	1
		1998.. 21 310	999 087	17 402	38 405	755 741	2 606 692	3 001 970	5 568 484	1	1
		1997.. 21 522	1 053 943	17 504	38 953	821 334	2 701 288	2 875 912	5 626 596	X	X
336399	All other motor vehicle parts mfg ....	2000.. 186 589	6 653 080	148 858	297 136	4 543 080	18 469 168	25 058 520			

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NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
336	Transportation equipment mfg—Con.										
3364	Aerospace product & parts mfg . . . . .	2000.. 444 870	24 697 149	230 427	479 716	11 010 442	64 863 082	60 569 161	126 619 743	1	1
		1999.. 484 659	26 381 357	247 837	506 701	11 286 217	72 547 712	65 503 908	138 988 180	1	1
		1998.. 517 014	26 848 225	268 720	544 190	11 751 312	76 048 971	69 558 448	137 403 710	1	1
		1997.. 487 114	25 159 567	250 448	502 557	10 784 018	57 688 592	62 819 021	120 438 212	X	X
33641	Aerospace product & parts mfg . . . . .	2000.. 444 870	24 697 149	230 427	479 716	11 010 442	64 863 082	60 569 161	126 619 743	1	1
		1999.. 484 659	26 381 357	247 837	506 701	11 286 217	72 547 712	65 503 908	138 988 180	1	1
		1998.. 517 014	26 848 225	268 720	544 190	11 751 312	76 048 971	69 558 448	137 403 710	1	1
		1997.. 487 114	25 159 567	250 448	502 557	10 784 018	57 688 592	62 819 021	120 438 212	X	X
336411	Aircraft mfg . . . . .	2000.. 184 698	10 318 500	88 200	189 371	4 518 458	31 882 589	34 210 083	65 230 941	1	1
		1999.. 194 158	10 709 911	96 086	196 459	4 677 165	33 462 931	37 308 333	73 397 508	1	1
		1998.. 213 148	11 289 840	106 227	200 368	4 812 614	36 025 687	40 572 366	69 540 577	1	1
		1997.. 202 491	10 839 372	97 742	185 616	4 426 847	20 767 608	36 653 368	57 893 242	X	X
336412	Aircraft engine & engine parts mfg . . . . .	2000.. 81 961	4 488 092	47 153	94 362	2 005 455	12 711 800	12 430 469	25 186 810	1	1
		1999.. 85 111	4 520 839	49 642	99 084	1 985 607	11 724 627	12 040 018	24 343 001	1	1
		1998.. 84 617	4 292 039	49 398	103 820	2 034 279	12 959 853	12 031 522	24 868 538	1	1
		1997.. 84 373	4 298 767	49 122	100 963	1 971 070	11 679 669	11 437 209	22 859 270	X	X
336413	Other aircraft part & auxiliary equipment mfg . . . . .	2000.. 119 207	6 016 011	70 560	148 331	3 281 667	11 803 839	8 523 763	20 605 504	2	2
		1999.. 132 663	6 306 306	74 813	155 334	3 226 296	13 046 837	8 747 824	22 500 747	2	2
		1998.. 140 978	6 464 831	82 689	180 306	3 473 185	14 361 166	8 829 955	22 402 746	1	1
		1997.. 124 677	5 574 824	72 830	155 482	3 019 543	13 110 835	7 130 109	19 373 554	X	X
336414	Guided missile & space vehicle mfg . . . . .	2000.. 38 276	2 680 388	13 357	24 835	679 432	6 642 132	4 382 935	12 826 945	1	1
		1999.. 48 748	3 517 507	14 936	30 645	817 374	11 739 833	6 165 952	14 963 338	1	1
		1998.. 53 085	3 429 407	17 967	34 739	868 777	9 949 990	6 697 429	16 475 701	1	1
		1997.. 51 398	3 123 246	18 500	35 996	815 692	9 492 504	6 141 862	16 247 363	X	X
336415	Guided missile & space vehicle propulsion unit & parts mfg . . . . .	2000.. 14 664	897 276	6 472	13 591	306 986	1 327 530	702 946	1 924 808	1	1
		1999.. 17 911	1 038 530	7 592	15 542	366 744	1 996 055	921 613	2 879 775	1	1
		1998.. 18 430	1 068 768	7 812	15 569	367 833	2 139 050	968 871	3 030 060	1	1
		1997.. 17 738	1 031 920	7 903	15 557	363 756	2 062 154	1 061 215	3 101 378	X	X
336419	Other guided missile & space vehicle parts & auxiliary equip mfg . . . . .	2000.. 6 063	296 883	4 685	9 226	218 443	495 192	318 964	844 735	1	1
		1999.. 6 068	288 265	4 769	9 637	213 031	577 428	320 169	903 811	2	1
		1998.. 6 755	303 339	4 627	9 388	194 624	613 225	458 305	1 086 089	1	1
		1997.. 6 437	291 438	4 351	8 943	187 110	575 822	395 258	963 405	X	X
3365	Railroad rolling stock mfg . . . . .	2000.. 37 312	1 544 098	26 219	59 274	909 987	4 585 289	5 479 888	10 063 176	2	1
		1999.. 38 511	1 532 969	27 913	59 927	928 851	4 460 735	5 869 478	10 352 310	1	1
		1998.. 37 351	1 440 110	26 645	55 202	849 084	3 848 408	5 427 590	9 256 810	1	1
		1997.. 34 012	1 319 135	23 977	53 391	796 472	3 345 283	5 097 254	8 263 395	X	X
33651	Railroad rolling stock mfg . . . . .	2000.. 37 312	1 544 098	26 219	59 274	909 987	4 585 289	5 479 888	10 063 176	2	1
		1999.. 38 511	1 532 969	27 913	59 927	928 851	4 460 735	5 869 478	10 352 310	1	1
		1998.. 37 351	1 440 110	26 645	55 202	849 084	3 848 408	5 427 590	9 256 810	1	1
		1997.. 34 012	1 319 135	23 977	53 391	796 472	3 345 283	5 097 254	8 263 395	X	X
336510	Railroad rolling stock mfg . . . . .	2000.. 37 312	1 544 098	26 219	59 274	909 987	4 585 289	5 479 888	10 063 176	2	1
		1999.. 38 511	1 532 969	27 913	59 927	928 851	4 460 735	5 869 478	10 352 310	1	1
		1998.. 37 351	1 440 110	26 645	55 202	849 084	3 848 408	5 427 590	9 256 810	1	1
		1997.. 34 012	1 319 135	23 977	53 391	796 472	3 345 283	5 097 254	8 263 395	X	X
3366	Ship & boat building . . . . .	2000.. 144 909	5 011 058	108 064	217 068	3 162 402	10 133 945	9 714 957	19 732 408	2	2
		1999.. 139 851	4 707 901	102 811	207 843	2 939 090	9 741 878	8 845 422	18 506 989	1	2
		1998.. 137 756	4 461 362	102 268	204 270	2 796 839	9 497 641	7 616 381	17 081 844	1	1
		1997.. 138 237	4 382 998	100 012	198 183	2 713 663	8 602 771	7 576 924	16 150 259	X	X
33661	Ship & boat building . . . . .	2000.. 144 909	5 011 058	108 064	217 068	3 162 402	10 133 945	9 714 957	19 732 408	2	2
		1999.. 139 851	4 707 901	102 811	207 843	2 939 090	9 741 878	8 845 422	18 506 989	1	2
		1998.. 137 756	4 461 362	102 268	204 270	2 796 839	9 497 641	7 616 381	17 081 844	1	1
		1997.. 138 237	4 382 998	100 012	198 183	2 713 663	8 602 771	7 576 924	16 150 259	X	X
336611	Ship building & repairing . . . . .	2000.. 87 829	3 438 633	61 218	121 724	2 036 906	6 328 781	5 059 018	11 387 799	2	3
		1999.. 88 963	3 336 632	61 022	124 658	1 969 858	6 328 784	4 742 177	11 070 960	2	3
		1998.. 94 761	3 347 525	67 340	135 444	2 020 368	6 728 975	4 414 270	11 143 246	1	1
		1997.. 97 065	3 353 414	66 964	133 665	2 019 168	6 202 797	4 340 164	10 542 961	X	X
336612	Boat building . . . . .	2000.. 57 080	1 572 424	46 846	95 344	1 125 497	3 805 164	4 655 940	8 344 610	3	3
		1999.. 50 888	1 371 270	41 789	83 184	969 232	3 413 094	4 103 245	7 436 028	2	3
		1998.. 42 995	1 113 836	34 929	68 826	776 471	2 768 666	3 202 110	5 938 598	3	3
		1997.. 41 172	1 029 584	33 048	64 518	694 495	2 399 974	3 236 760	5 607 298	X	X
3369	Other transportation equipment mfg . . . . .	2000.. 41 995	1 592 190	28 646	57 889	872 067	4 414 795	6 167 326	10 607 701	3	2
		1999.. 40 688	1 484 354	27 967	53 062	792 008	4 022 682	5 791 411	9 764 355	2	2
		1998.. 41 024	1 456 262	28 201	53 744	788 233	4 090 070	5 420 542	9 549 417	1	1
		1997.. 41 777	1 385 269	28 976	53 916	764 526	3 807 345	5 080 439	8 883 036	X	X
33699	Other transportation equipment mfg . . . . .	2000.. 41 995	1 592 190	28 646	57 889	872 067	4 414 795	6 167 326	10 607 701	3	2
		1999.. 40 688	1 484 354	27 967	53 062	792 008	4 022 682	5 791 411	9 764 355	2	2
		1998.. 41 024	1 456 262	28 201	53 744	788 233	4 090 070	5 420 542	9 549 417	1	1
		1997.. 41 777	1 385 269	28 976	53 916	764 526	3 807 345	5 080 439	8 883 036	X	X
336991	Motorcycle, bicycle, & parts mfg . . . . .	2000.. 14 956	626 889	10 250	21 212	370 561	1 622 188	1 585 269	3 233 797	7	4
		1999.. 14 817	576 106	10 326	19 303	327 130	1 476 930	1 599 759	3 054 747	4	3
		1998.. 16 238	620 300	11 750	22 945	364 716	1 589 550	1 740 722	3 343 822	3	2
		1997.. 17 151	622 286	12 782	24 384	367 140	1 605 782	1 802 377	3 382 689	X	X
336992	Military armored vehicle, tank, & tank component mfg . . . . .	2000.. 4 378	251 402	2 070	4 347	90 870	719 004	387 524	1 128 565	1	1
		1999.. 4 602	264 254	2 223	4 613	95 017	668 939	425 416	1 064 754	1	1
		1998.. 5 042	257 996	2 312	4 934	105 279	730 743	443 792	1 172 724	1	1
		1997.. 5 773	267 525	2 696	5 455	113 732	543 119	475 163	1 063 668	X	X
336999	All other transportation equipment mfg . . . . .	2000.. 22 662	713 899	16 327	32 330	410 637	2 073 603	4 194 533	6 245 339	4	4
		1999.. 21 269	643 994	15 418	29 146	369 861	1 876 813	3 766 236	5 644 854		

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—		
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
												A
337	Furniture & related product mfg .....	2000..	642 440	17 580 870	514 861	1 003 782	11 804 419	42 267 019	33 630 970	75 510 405	1	1
		1999..	627 777	16 881 512	504 973	1 000 690	11 459 466	40 290 217	32 752 153	72 658 778	1	1
		1998..	625 436	16 047 844	505 849	993 152	10 935 232	37 810 264	31 959 813	69 615 766	1	1
		1997..	603 668	14 986 222	484 600	936 574	10 217 032	34 839 134	29 462 249	64 299 098	X	X
3371	Household & institutional furniture & kitchen cabinet mfg .....	2000..	416 134	10 430 693	343 627	661 664	7 385 885	23 229 399	20 269 814	43 307 927	1	1
		1999..	408 183	10 082 948	339 559	669 763	7 241 606	22 560 200	19 785 909	42 120 210	1	1
		1998..	403 815	9 408 104	338 385	663 442	6 865 327	20 782 294	18 911 457	39 611 428	1	1
		1997..	388 438	8 767 969	322 677	613 756	6 358 136	19 152 783	17 280 609	36 418 307	X	X
33711	Wood kitchen cabinet & counter top mfg .....	2000..	115 356	3 040 588	91 257	175 138	2 110 737	6 898 571	4 861 586	11 700 199	2	2
		1999..	106 635	2 774 165	84 781	170 686	1 924 415	6 211 651	4 470 428	10 664 732	2	2
		1998..	104 932	2 486 496	85 416	164 715	1 772 843	5 536 730	4 278 294	9 805 394	1	1
		1997..	99 266	2 320 124	79 704	151 337	1 643 229	5 155 365	3 874 217	9 029 834	X	X
337110	Wood kitchen cabinet & counter top mfg .....	2000..	115 356	3 040 588	91 257	175 138	2 110 737	6 898 571	4 861 586	11 700 199	2	2
		1999..	106 635	2 774 165	84 781	170 686	1 924 415	6 211 651	4 470 428	10 664 732	2	2
		1998..	104 932	2 486 496	85 416	164 715	1 772 843	5 536 730	4 278 294	9 805 394	1	1
		1997..	99 266	2 320 124	79 704	151 337	1 643 229	5 155 365	3 874 217	9 029 834	X	X
33712	Household & institutional furniture mfg .....	2000..	300 777	7 390 106	252 370	486 527	5 275 148	16 330 828	15 408 227	31 607 727	1	1
		1999..	301 548	7 308 784	254 777	499 077	5 317 191	16 348 549	15 315 482	31 455 478	1	1
		1998..	298 882	6 921 608	252 969	498 727	5 092 484	15 245 564	14 633 162	29 806 034	1	1
		1997..	289 172	6 447 845	242 973	462 419	4 714 907	13 997 418	13 406 392	27 388 473	X	X
337121	Upholstered household furniture mfg .....	2000..	94 198	2 324 470	80 408	150 712	1 752 836	4 758 075	5 064 680	9 795 044	2	2
		1999..	94 010	2 273 880	80 851	154 477	1 733 191	4 624 457	4 998 129	9 601 031	1	2
		1998..	92 426	2 099 641	79 705	151 210	1 614 763	4 213 349	4 759 436	8 971 462	1	1
		1997..	89 215	2 001 160	76 693	142 670	1 518 080	3 978 674	4 277 651	8 232 635	X	X
337122	Nonupholstered wood household furniture mfg .....	2000..	135 488	3 094 848	117 704	228 301	2 302 126	6 898 234	6 154 390	12 995 458	3	2
		1999..	134 169	3 058 177	116 929	231 062	2 350 643	7 012 904	6 148 509	12 995 810	2	2
		1998..	132 404	2 922 443	116 049	233 547	2 260 276	6 574 031	5 867 494	12 372 652	1	2
		1997..	127 703	2 674 409	110 671	213 299	2 061 506	5 905 184	5 401 214	11 318 807	X	X
337124	Metal household furniture mfg .....	2000..	21 852	521 548	17 746	34 339	353 157	1 425 739	1 393 812	2 772 838	3	3
		1999..	21 433	511 298	17 356	35 376	333 623	1 355 113	1 343 529	2 678 993	2	4
		1998..	23 704	543 026	19 104	38 473	377 751	1 353 380	1 297 366	2 651 401	2	4
		1997..	22 827	505 291	18 317	35 805	341 075	1 235 159	1 178 039	2 417 293	X	X
337125	Household furniture (except wood & metal) mfg .....	2000..	4 923	125 630	3 797	7 578	71 833	301 161	341 127	648 254	8	6
		1999..	5 123	127 594	4 077	7 833	80 811	316 220	341 382	654 319	6	7
		1998..	4 058	93 465	3 174	6 362	64 663	197 358	250 874	452 297	6	6
		1997..	4 619	110 506	3 654	7 323	78 157	271 862	279 543	547 227	X	X
337127	Institutional furniture mfg .....	2000..	40 846	1 247 471	29 723	59 759	736 573	2 821 937	2 316 616	5 133 944	2	3
		1999..	42 826	1 250 652	32 164	63 249	752 667	2 898 260	2 311 725	5 216 224	2	3
		1998..	41 927	1 173 177	31 114	61 283	704 080	2 753 576	2 305 251	5 051 833	2	3
		1997..	40 442	1 069 509	29 865	55 905	649 263	2 456 703	2 109 640	4 554 577	X	X
337129	Wood television, radio, & sewing machine cabinet mfg .....	2000..	3 469	76 139	2 992	5 838	58 622	125 680	137 602	262 189	6	7
		1999..	3 987	87 184	3 400	7 080	66 255	141 594	172 207	309 101	4	3
		1998..	4 362	89 857	3 824	7 852	70 951	153 870	152 741	306 389	1	2
		1997..	4 366	86 970	3 773	7 417	66 826	149 836	160 305	317 934	X	X
3372	Office furniture (including fixtures) mfg .....	2000..	177 914	5 820 134	135 382	272 496	3 624 392	15 190 077	9 540 752	24 559 935	2	3
		1999..	173 446	5 552 511	131 497	265 124	3 474 484	14 111 150	9 215 855	23 203 966	2	2
		1998..	176 912	5 489 683	134 630	263 409	3 359 363	13 445 768	9 459 064	22 846 244	1	1
		1997..	172 723	5 172 846	130 849	260 647	3 222 483	12 559 656	8 947 675	21 517 554	X	X
33721	Office furniture (including fixtures) mfg .....	2000..	177 914	5 820 134	135 382	272 496	3 624 392	15 190 077	9 540 752	24 559 935	2	3
		1999..	173 446	5 552 511	131 497	265 124	3 474 484	14 111 150	9 215 855	23 203 966	2	2
		1998..	176 912	5 489 683	134 630	263 409	3 359 363	13 445 768	9 459 064	22 846 244	1	1
		1997..	172 723	5 172 846	130 849	260 647	3 222 483	12 559 656	8 947 675	21 517 554	X	X
337211	Wood office furniture mfg .....	2000..	32 229	971 615	26 474	56 247	663 192	2 505 757	1 792 038	4 261 141	5	9
		1999..	30 115	853 209	24 680	49 564	591 952	2 122 031	1 531 666	3 617 685	4	6
		1998..	30 535	800 091	25 206	47 402	557 393	1 331 612	3 226 753	3 226 753	3	2
		1997..	30 106	766 094	24 229	49 390	528 848	1 744 454	1 276 399	3 021 800	X	X
337212	Custom architectural woodwork & millwork mfg .....	2000..	26 546	882 554	18 923	36 063	503 002	1 752 300	969 078	2 699 024	4	8
		1999..	25 442	804 162	17 846	34 765	471 374	1 644 513	909 861	2 544 363	3	7
		1998..	25 248	793 437	17 375	34 567	447 228	1 499 446	920 769	2 419 287	4	7
		1997..	24 390	719 926	17 351	32 733	430 466	1 352 631	848 718	2 205 019	X	X
337214	Office furniture (except wood) mfg .....	2000..	43 215	1 682 755	31 372	62 913	1 002 341	5 737 889	3 236 132	8 936 119	3	2
		1999..	43 118	1 696 107	30 906	63 488	988 669	5 477 342	3 255 738	8 691 567	2	1
		1998..	45 803	1 713 334	34 159	70 027	1 011 151	5 400 214	3 273 926	8 673 470	1	1
		1997..	44 414	1 625 080	32 440	69 641	982 053	5 018 286	3 306 678	8 341 389	X	X
337215	Showcase, partition, shelving, & locker mfg .....	2000..	75 924	2 283 209	58 613	117 272	1 455 858	5 194 131	3 543 505	8 663 651	5	5
		1999..	74 771	2 199 033	58 064	117 306	1 422 489	4 867 264	3 518 590	8 350 351	4	5
		1998..	75 325	2 182 822	57 891	111 413	1 343 590	4 637 930	3 932 756	8 526 734	2	2
		1997..	73 813	2 061 746	56 829	108 883	1 281 116	4 444 285	3 515 880	7 949 346	X	X
3379	Other furniture related product mfg .....	2000..	48 392	1 330 043	35 852	69 621	794 142	3 847 544	3 820 404	7 642 544	3	3
		1999..	46 148	1 246 053	33 918	65 803	743 375	3 618 868	3 750 388	7 334 602	2	3
		1998..	44 709	1 150 557	32 834	66 301	710 543	3 582 202	3 589 293	7 158 094	1	3
		1997..	42 507	1 045 407	31 074	62 171	636 413	3 126 695	3 233 965	6 363 237	X	X
33791	Mattress mfg .....	2000..	26 322	755 945	20 570	40 366	468 051	2 589 501	2 396 215	4 975 652	3	4
		1999..	24 532	689 855	18 693	37 106	422 917	2 243 493	2 184 137	4 413 247	2	3
		1998..	23 897	662 960	17 950	36 373	404 709	2 248 626	2 144 072	4 382 806	1	2
		1997..	22 971	609 570	17 222	33 896	370 234	1 977 231	1 962 999	3 936 972	X	X
337910	Mattress mfg .....	2000..	26 322	755 945	20 570	40 366	468 051	2 589 501	2 396 215	4 975 652	3	4
		1999..	24 532	689 855	18 693	37 106	422 917	2 243 493	2 184 137	4 413 247	2	3
		1998..	23 897	662 960	17 950	36 373	404 709	2 248 626	2 144 072	4 382 806	1	2
		1997..	22 971	609 570	17 222							

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		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F	
		A	B	C	D	E						
337	Furniture & related product mfg—Con.											
3379	Other furniture related product mfg—Con.											
33792	Blind & shade mfg .....	2000..	22 070	574 098	15 281	29 255	326 092	1 258 043	1 424 189	2 666 892	4	6
		1999..	21 616	556 198	15 225	28 697	320 459	1 375 375	1 566 251	2 921 355	4	5
		1998..	20 812	487 097	14 884	29 928	305 833	1 333 576	1 445 221	2 775 287	3	6
		1997..	19 536	435 837	13 852	28 275	266 179	1 149 464	1 270 966	2 426 265	X	X
337920	Blind & shade mfg .....	2000..	22 070	574 098	15 281	29 255	326 092	1 258 043	1 424 189	2 666 892	4	6
		1999..	21 616	556 198	15 225	28 697	320 459	1 375 375	1 566 251	2 921 355	4	5
		1998..	20 812	487 097	14 884	29 928	305 833	1 333 576	1 445 221	2 775 287	3	6
		1997..	19 536	435 837	13 852	28 275	266 179	1 149 464	1 270 966	2 426 265	X	X
339	Miscellaneous mfg .....	2000..	747 255	24 661 004	501 116	962 343	12 225 892	70 621 490	44 288 038	114 013 022	1	1
		1999..	738 039	23 468 611	497 360	957 978	11 876 854	66 772 427	42 168 817	108 290 263	1	1
		1998..	749 480	22 913 245	510 966	983 105	11 645 492	64 874 512	40 859 877	105 141 271	1	1
		1997..	725 396	21 618 204	492 558	938 191	10 970 663	61 452 548	38 263 345	99 729 798	X	X
3391	Medical equipment & supplies mfg .....	2000..	307 008	11 674 579	191 502	367 610	5 118 336	37 486 908	15 911 282	53 019 205	1	1
		1999..	304 177	11 156 147	192 744	367 729	5 059 218	35 365 843	15 538 579	50 512 461	1	1
		1998..	312 553	11 078 106	200 425	381 872	5 029 991	33 801 020	15 590 605	49 273 788	1	1
		1997..	291 522	10 008 144	185 316	349 073	4 501 321	30 613 184	14 155 494	44 893 840	X	X
33911	Medical equipment & supplies mfg .....	2000..	307 008	11 674 579	191 502	367 610	5 118 336	37 486 908	15 911 282	53 019 205	1	1
		1999..	304 177	11 156 147	192 744	367 729	5 059 218	35 365 843	15 538 579	50 512 461	1	1
		1998..	312 553	11 078 106	200 425	381 872	5 029 991	33 801 020	15 590 605	49 273 788	1	1
		1997..	291 522	10 008 144	185 316	349 073	4 501 321	30 613 184	14 155 494	44 893 840	X	X
339111	Laboratory apparatus & furniture mfg .....	2000..	15 133	701 352	8 703	17 173	277 498	1 486 467	1 035 825	2 480 978	4	3
		1999..	15 461	642 453	8 580	16 976	259 946	1 318 439	1 000 329	2 339 637	3	3
		1998..	16 540	630 392	9 043	17 542	237 749	1 390 257	938 309	2 331 444	2	2
		1997..	16 626	609 237	9 055	18 054	240 692	1 344 180	874 568	2 220 507	X	X
339112	Surgical & medical instrument mfg .....	2000..	104 218	4 418 982	58 680	112 795	1 655 275	16 129 436	5 468 758	21 432 074	3	2
		1999..	105 956	4 294 525	61 968	118 684	1 724 690	15 307 724	5 500 276	20 624 416	2	2
		1998..	108 837	4 257 081	65 163	124 613	1 736 104	14 311 821	5 673 796	19 940 659	1	1
		1997..	105 016	4 015 772	63 366	124 251	1 665 856	13 148 075	5 145 141	18 292 919	X	X
339113	Surgical appliance & supplies mfg .....	2000..	97 815	3 765 422	61 035	115 520	1 559 139	12 720 110	6 236 053	18 861 218	3	3
		1999..	93 765	3 540 461	59 260	112 865	1 530 525	11 981 133	6 069 124	17 846 225	2	3
		1998..	91 574	3 488 634	57 380	109 760	1 444 610	11 331 734	5 804 073	17 043 966	1	2
		1997..	85 646	2 982 742	53 682	100 724	1 261 161	9 863 213	5 284 395	15 233 098	X	X
339114	Dental equipment & supplies mfg .....	2000..	17 409	667 615	10 881	21 005	297 819	1 954 936	1 145 723	3 112 683	3	6
		1999..	18 137	662 509	11 490	21 864	291 515	1 893 899	1 056 340	2 931 978	3	4
		1998..	18 495	643 955	12 064	22 934	300 755	1 782 821	1 028 296	2 836 899	3	2
		1997..	17 806	605 765	11 646	21 694	281 684	1 717 856	957 869	2 666 147	X	X
339115	Ophthalmic goods mfg .....	2000..	26 107	861 486	18 026	35 363	459 244	2 961 315	1 368 027	4 267 646	6	4
		1999..	27 413	860 468	18 592	35 645	459 255	2 815 323	1 329 087	4 129 661	5	3
		1998..	25 499	786 627	17 073	33 371	416 556	2 448 136	1 152 004	3 540 426	1	1
		1997..	25 274	770 994	16 982	33 503	404 597	2 387 162	1 096 286	3 497 595	X	X
339116	Dental laboratories .....	2000..	46 326	1 259 723	34 176	65 755	869 361	2 234 644	656 897	2 864 606	2	2
		1999..	43 445	1 155 731	32 853	61 695	793 287	2 049 326	583 424	2 640 544	1	2
		1998..	51 607	1 271 416	39 703	73 652	894 215	2 536 251	994 127	3 580 395	1	2
		1997..	41 154	1 023 634	30 585	50 847	647 331	2 152 698	797 235	2 983 574	X	X
3399	Other miscellaneous mfg .....	2000..	440 246	12 986 425	309 614	594 734	7 107 556	33 134 582	28 376 756	60 993 817	1	1
		1999..	433 863	12 312 464	304 616	590 249	6 817 635	31 406 584	26 630 238	57 777 803	1	1
		1998..	436 927	11 835 140	310 541	601 232	6 615 501	31 073 492	25 269 272	55 867 483	1	1
		1997..	433 874	11 610 060	307 242	589 118	6 469 342	30 839 364	24 107 851	54 835 958	X	X
33991	Jewelry & silverware mfg .....	2000..	65 425	1 764 000	45 811	86 423	980 647	4 392 851	5 356 514	9 644 764	3	5
		1999..	63 163	1 671 122	43 739	81 244	922 307	4 228 925	5 116 458	9 258 456	2	5
		1998..	59 460	1 554 249	41 697	80 213	842 554	3 954 324	4 411 273	8 232 727	2	5
		1997..	61 104	1 531 249	43 226	78 930	847 312	3 991 201	4 343 722	8 303 714	X	X
339911	Jewelry (except costume) mfg .....	2000..	39 930	1 118 316	28 750	53 605	628 018	2 870 479	4 031 577	6 823 847	4	8
		1999..	37 307	1 039 351	26 652	48 632	577 380	2 832 451	3 801 022	6 529 546	2	7
		1998..	32 963	892 326	22 815	44 654	471 760	2 321 931	2 988 871	5 260 814	3	4
		1997..	34 731	888 911	24 452	43 296	482 603	2 376 932	2 953 531	5 320 508	X	X
339912	Silverware & plated ware mfg .....	2000..	5 148	153 577	3 800	7 676	96 955	431 788	283 257	690 633	3	2
		1999..	5 510	157 493	4 069	8 137	100 894	482 483	252 929	737 480	1	2
		1998..	6 357	205 640	4 460	8 913	115 487	575 720	381 096	918 815	2	1
		1997..	6 378	183 237	4 504	8 895	107 912	529 984	380 482	892 378	X	X
339913	Jewelers' material & lapidary work mfg .....	2000..	5 251	143 451	3 747	7 241	86 166	255 146	569 900	817 768	4	5
		1999..	5 083	137 551	3 564	6 827	80 278	250 432	532 943	778 985	4	3
		1998..	5 503	122 170	3 893	6 875	65 133	255 239	485 550	737 408	5	6
		1997..	5 275	128 585	3 578	6 521	68 240	275 984	532 867	802 515	X	X
339914	Costume jewelry & novelty mfg .....	2000..	15 096	348 655	9 514	17 901	169 508	835 437	471 779	1 312 516	6	4
		1999..	15 263	336 727	9 454	17 648	163 755	663 560	529 563	1 212 444	3	4
		1998..	14 636	334 112	10 529	19 771	190 175	801 433	555 956	1 315 691	4	5
		1997..	14 720	330 516	10 692	20 218	188 557	808 301	476 842	1 288 313	X	X
33992	Sporting & athletic goods mfg .....	2000..	70 849	2 058 134	50 668	96 749	1 072 506	6 643 513	5 575 776	11 888 015	3	3
		1999..	64 557	1 796 553	46 357	88 295	976 966	5 600 859	5 031 830	10 550 617	3	2
		1998..	67 914	1 787 377	50 075	93 073	979 540	6 036 607	5 206 434	11 100 535	2	2
		1997..	68 586	1 826 631	49 893	94 756	1 004 057	5 866 075	4 755 192	10 633 528	X	X
339920	Sporting & athletic goods mfg .....	2000..	70 849	2 058 134	50 668	96 749	1 072 506	6 643 513	5 575 776	11 888 015	3	3
		1999..	64 557	1 796 553	46 357	88 295	976 966	5 600 859	5 031 830	10 550 617	3	2
		1998..	67 914	1 787 377	50 075	93 073	979 540	6 036 607	5 206 434	11 100 535	2	2
		1997..	68 586	1 826 631	49 893	94 756	1 004 057	5 866 075	4 755 192	10 633 528	X	X
33993	Doll, toy, & game mfg											

**Table 2. Statistics for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments <sup>1</sup> (\$1,000)	Relative standard error of estimate <sup>2</sup> (percent) for column—	
		Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E					
339	Miscellaneous mfg—Con.										
3399	Other miscellaneous mfg—Con.										
33993	Doll, toy, & game mfg—Con.										
339932	Game, toy, & children's vehicle mfg ...	2000.. 23 348	648 361	17 576	32 495	369 001	1 774 503	1 710 695	3 526 984	3	7
		1999.. 24 262	630 561	17 283	33 352	356 726	1 806 141	1 666 474	3 489 295	3	5
		1998.. 28 160	734 152	20 219	39 034	405 678	2 196 712	1 870 095	4 041 698	3	5
		1997.. 28 900	746 084	21 217	39 456	412 494	2 621 778	1 856 393	4 462 844	X	X
33994	Office supplies (except paper) mfg .....	2000.. 26 498	773 256	18 967	37 108	451 878	2 366 385	1 777 642	4 196 622	2	2
		1999.. 27 234	767 135	19 489	37 333	453 970	2 497 628	1 706 963	4 234 916	2	2
		1998.. 29 592	812 939	20 569	41 429	472 047	2 616 060	1 824 530	4 405 622	1	2
		1997.. 30 138	799 867	21 060	41 968	470 040	2 590 428	1 767 034	4 329 053	X	X
339941	Pen & mechanical pencil mfg .....	2000.. 8 153	265 613	5 970	11 768	166 665	929 186	629 127	1 593 920	1	1
		1999.. 8 120	255 494	5 872	11 463	156 675	928 010	620 731	1 553 812	1	2
		1998.. 8 816	283 311	6 357	12 469	163 377	1 051 542	692 677	1 733 487	3	4
		1997.. 8 198	255 377	5 832	11 664	153 241	916 161	660 538	1 538 812	X	X
339942	Lead pencil & art good mfg .....	2000.. 6 543	178 440	5 094	9 716	102 769	645 112	570 951	1 233 138	5	4
		1999.. 6 763	182 058	5 322	9 683	111 576	756 482	530 101	1 311 081	4	3
		1998.. 7 313	201 377	5 496	11 823	123 019	746 547	524 571	1 251 060	1	1
		1997.. 8 255	207 661	6 329	12 755	125 819	810 183	454 383	1 278 701	X	X
339943	Marking device mfg .....	2000.. 7 211	188 922	4 829	9 347	101 314	457 655	218 371	674 522	6	8
		1999.. 7 454	194 885	4 902	9 401	103 852	477 622	211 847	689 567	6	11
		1998.. 8 068	193 419	4 889	9 516	104 098	429 656	238 214	664 288	2	2
		1997.. 8 012	194 792	4 795	9 564	102 191	423 895	240 414	661 173	X	X
339944	Carbon paper & inked ribbon mfg .....	2000.. 4 592	140 282	3 074	6 278	81 129	334 432	359 194	695 043	4	5
		1999.. 4 898	134 699	3 392	6 786	81 866	335 507	344 284	680 455	4	4
		1998.. 5 394	134 833	3 827	7 622	81 553	388 513	369 068	756 787	2	1
		1997.. 5 673	142 037	4 104	7 985	88 789	440 189	411 699	850 367	X	X
33995	Sign mfg .....	2000.. 89 028	2 837 576	57 110	111 061	1 403 468	5 532 005	4 211 612	9 714 804	2	2
		1999.. 88 960	2 714 739	57 558	112 871	1 354 502	5 381 225	3 942 546	9 268 681	2	2
		1998.. 84 165	2 427 903	55 414	109 731	1 246 286	4 715 518	3 473 010	8 165 539	1	2
		1997.. 83 813	2 412 225	54 475	104 509	1 217 571	4 637 205	3 375 219	7 997 974	X	X
339950	Sign mfg .....	2000.. 89 028	2 837 576	57 110	111 061	1 403 468	5 532 005	4 211 612	9 714 804	2	2
		1999.. 88 960	2 714 739	57 558	112 871	1 354 502	5 381 225	3 942 546	9 268 681	2	2
		1998.. 84 165	2 427 903	55 414	109 731	1 246 286	4 715 518	3 473 010	8 165 539	1	2
		1997.. 83 813	2 412 225	54 475	104 509	1 217 571	4 637 205	3 375 219	7 997 974	X	X
33999	All other miscellaneous mfg .....	2000.. 162 206	4 836 230	117 512	226 939	2 789 960	12 238 497	9 601 129	21 693 476	2	2
		1999.. 162 409	4 661 834	117 820	232 478	2 708 197	11 683 543	9 025 213	20 632 837	2	1
		1998.. 163 999	4 451 441	119 789	232 678	2 623 187	11 349 009	8 373 090	19 615 039	1	1
		1997.. 157 947	4 230 422	114 851	224 974	2 476 320	10 938 033	7 905 677	18 808 167	X	X
339991	Gasket, packing, & sealing device mfg .....	2000.. 44 451	1 521 254	32 298	63 725	897 095	3 575 021	2 532 011	6 094 429	3	3
		1999.. 42 656	1 381 354	31 022	63 533	826 095	3 132 248	2 230 501	5 376 990	3	3
		1998.. 42 607	1 330 897	30 495	61 844	797 676	3 197 564	2 175 933	5 419 356	2	3
		1997.. 41 980	1 290 903	30 034	62 458	762 912	3 132 922	2 105 772	5 243 005	X	X
339992	Musical instrument mfg .....	2000.. 15 279	459 820	12 217	23 714	310 058	1 137 491	704 820	1 794 126	3	3
		1999.. 14 446	413 311	11 507	22 239	278 370	1 000 190	660 645	1 648 115	3	3
		1998.. 13 587	403 839	11 061	22 492	269 175	846 695	498 811	1 321 516	2	6
		1997.. 13 249	357 842	10 810	21 900	243 531	836 529	483 633	1 324 529	X	X
339993	Fastener, button, needle, & pin mfg ...	2000.. 6 963	216 592	5 343	11 070	136 041	460 532	311 273	767 601	5	3
		1999.. 7 173	213 095	5 491	11 536	134 560	471 935	312 151	785 024	4	4
		1998.. 8 026	210 968	5 897	13 067	125 022	469 980	356 002	822 537	1	1
		1997.. 8 021	211 561	5 767	13 113	125 760	503 706	347 605	838 928	X	X
339994	Broom, brush, & mop mfg .....	2000.. 16 280	452 691	12 688	25 505	275 375	1 216 307	978 349	2 185 076	5	3
		1999.. 17 249	469 461	13 328	26 916	288 105	1 271 525	1 008 477	2 266 859	3	3
		1998.. 18 302	479 896	14 144	27 804	290 474	1 301 508	1 035 979	2 329 177	3	3
		1997.. 17 280	446 005	13 008	25 464	268 007	1 157 593	944 974	2 083 585	X	X
339995	Burial casket mfg .....	2000.. 7 146	201 344	5 269	10 158	131 374	893 708	360 893	1 252 954	2	3
		1999.. 7 315	211 307	5 274	10 571	137 743	873 142	358 089	1 238 671	1	3
		1998.. 7 379	212 670	5 600	10 717	147 341	855 370	365 521	1 220 629	1	1
		1997.. 6 792	206 890	5 050	10 258	141 037	857 988	358 002	1 219 943	X	X
339999	All other miscellaneous mfg .....	2000.. 72 087	1 984 530	49 697	92 768	1 040 017	4 955 437	4 713 783	9 599 292	3	3
		1999.. 73 570	1 973 305	51 198	97 683	1 043 324	4 934 502	4 455 351	9 317 179	3	3
		1998.. 74 097	1 813 170	52 593	96 754	993 499	4 677 892	3 940 845	8 501 824	1	1
		1997.. 70 625	1 717 221	50 182	91 781	935 073	4 449 295	3 665 691	8 098 177	X	X

<sup>1</sup>Data represent value of shipments for most industries. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312140, 312210, 312221, and 312229 value of production is shown. For industry 336611, value of work done is shown.

<sup>2</sup>Description of relative standard error of estimate is given in Appendix B. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Note: Previous years' data may differ from that published in the 1999 Annual Survey of Manufactures because of changes encountered in subsequent review of the 2000 Annual Survey of Manufactures review.



**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry		Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
			All employees	Total	Payroll	Total fringe benefits	
31-33	Manufacturing .....	2000..	16 681 425	771 141 624	618 216 523	152 925 101	1
		1999..	16 685 639	749 359 355	601 472 998	147 886 357	1
		1998..	16 944 977	734 978 115	586 957 735	148 020 381	1
		1997..	16 805 127	716 594 764	569 808 845	146 785 919	X
311	Food mfg .....	2000..	1 507 617	53 704 000	42 670 683	11 033 317	1
		1999..	1 488 076	52 065 573	41 428 289	10 637 284	1
		1998..	1 498 667	50 226 620	39 659 857	10 566 763	1
		1997..	1 466 956	48 695 471	38 366 240	10 329 231	X
3111	Animal food mfg .....	2000..	49 275	2 088 172	1 670 049	418 123	2
		1999..	48 302	2 012 533	1 604 699	407 834	2
		1998..	45 537	1 918 222	1 513 953	404 269	1
		1997..	46 651	1 877 408	1 478 617	398 791	X
31111	Animal food mfg .....	2000..	49 275	2 088 172	1 670 049	418 123	2
		1999..	48 302	2 012 533	1 604 699	407 834	2
		1998..	45 537	1 918 222	1 513 953	404 269	1
		1997..	46 651	1 877 408	1 478 617	398 791	X
311111	Dog & cat food mfg .....	2000..	14 766	746 286	583 793	162 493	4
		1999..	14 219	714 215	557 523	156 692	4
		1998..	14 088	683 757	528 068	155 689	1
		1997..	13 979	647 662	502 207	145 455	X
311119	Other animal food mfg .....	2000..	34 510	1 341 886	1 086 257	255 629	3
		1999..	34 083	1 298 318	1 047 176	251 142	3
		1998..	31 449	1 234 465	985 885	248 580	1
		1997..	32 672	1 229 746	976 410	253 336	X
3112	Grain & oilseed milling .....	2000..	57 385	3 006 998	2 389 317	617 681	2
		1999..	58 341	2 994 895	2 368 987	625 908	1
		1998..	56 957	2 940 921	2 307 268	633 653	1
		1997..	59 243	3 001 055	2 358 554	642 501	X
31121	Flour milling & malt mfg .....	2000..	17 771	771 068	618 572	152 496	2
		1999..	17 272	729 550	585 693	143 857	3
		1998..	15 773	706 968	565 053	141 915	4
		1997..	17 877	778 583	618 434	160 149	X
311211	Flour milling .....	2000..	12 663	547 171	443 166	104 005	3
		1999..	12 058	506 139	410 917	95 222	3
		1998..	10 892	485 549	392 853	92 696	6
		1997..	12 762	552 195	444 182	108 013	X
311212	Rice milling .....	2000..	4 207	171 174	135 198	35 976	7
		1999..	4 347	173 119	136 637	36 481	8
		1998..	3 637	158 826	120 044	38 783	4
		1997..	3 805	156 542	118 318	38 224	X
311213	Malt mfg .....	2000..	901	52 723	40 209	12 515	2
		1999..	866	50 292	38 139	12 153	2
		1998..	1 244	62 592	52 156	10 436	16
		1997..	1 310	69 846	55 934	13 912	X
31122	Starch & vegetable fats & oils mfg .....	2000..	25 059	1 306 462	1 021 530	284 932	3
		1999..	26 333	1 321 331	1 032 121	289 210	3
		1998..	26 308	1 310 830	1 019 136	291 695	1
		1997..	26 970	1 316 466	1 022 051	294 415	X
311221	Wet corn milling .....	2000..	9 154	564 108	442 997	121 111	6
		1999..	9 116	534 849	416 953	117 896	5
		1998..	9 324	526 183	414 259	111 924	1
		1997..	9 217	545 541	422 533	123 008	X
311222	Soybean processing .....	2000..	6 542	320 188	254 215	65 973	1
		1999..	6 476	311 276	247 068	64 209	1
		1998..	6 388	300 961	238 814	62 146	1
		1997..	6 601	285 871	229 727	56 144	X
311223	Other oilseed processing .....	2000..	1 924	82 789	64 012	18 778	4
		1999..	1 859	77 582	59 807	17 775	5
		1998..	2 642	92 211	72 330	19 881	1
		1997..	2 667	93 997	73 451	20 546	X
311225	Fats & oils refining & blending .....	2000..	7 439	339 377	260 307	79 070	8
		1999..	8 882	397 624	308 294	89 330	4
		1998..	7 954	391 476	293 733	97 743	3
		1997..	8 485	391 057	296 340	94 717	X
31123	Breakfast cereal mfg .....	2000..	14 555	929 468	749 214	180 253	1
		1999..	14 737	944 014	751 173	192 841	1
		1998..	14 876	923 123	723 079	200 044	1
		1997..	14 396	906 006	718 069	187 937	X
311230	Breakfast cereal mfg .....	2000..	14 555	929 468	749 214	180 253	1
		1999..	14 737	944 014	751 173	192 841	1
		1998..	14 876	923 123	723 079	200 044	1
		1997..	14 396	906 006	718 069	187 937	X
3113	Sugar & confectionery product mfg .....	2000..	84 618	3 478 159	2 705 814	772 345	1
		1999..	84 588	3 398 080	2 638 906	759 174	1
		1998..	83 886	3 371 586	2 623 450	748 136	1
		1997..	84 876	3 280 597	2 560 362	720 235	X
31131	Sugar mfg .....	2000..	17 015	830 213	660 273	169 940	1
		1999..	16 724	810 761	641 668	169 093	1
		1998..	16 638	783 268	624 595	158 673	1
		1997..	16 547	769 838	611 488	158 350	X
311311	Sugarcane mills .....	2000..	4 928	203 722	160 185	43 537	3
		1999..	5 090	206 603	163 002	43 601	3
		1998..	4 873	200 105	158 635	41 470	3
		1997..	4 938	212 165	167 589	44 576	X
311312	Cane sugar refining .....	2000..	4 249	286 825	224 006	62 819	1
		1999..	4 140	280 281	220 169	60 112	1
		1998..	3 938	254 220	198 015	56 205	1
		1997..	3 891	246 696	191 663	55 033	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
311	Food mfg—Con.					
3113	Sugar & confectionery product mfg—Con.					
31131	Sugar mfg—Con.					
311313	Beet sugar mfg .....	2000.. 7 837	339 666	276 082	63 584	2
		1999.. 7 494	323 877	258 497	65 380	1
		1998.. 7 828	328 943	267 945	60 998	2
		1997.. 7 718	310 977	252 236	58 741	X
31132	Chocolate & confectionery mfg from cacao beans .....	2000.. 9 083	450 908	342 949	107 959	1
		1999.. 8 945	422 432	330 736	91 696	2
		1998.. 10 000	474 220	361 589	112 631	1
		1997.. 9 946	501 341	383 045	118 296	X
311320	Chocolate & confectionery mfg from cacao beans .....	2000.. 9 083	450 908	342 949	107 959	1
		1999.. 8 945	422 432	330 736	91 696	2
		1998.. 10 000	474 220	361 589	112 631	1
		1997.. 9 946	501 341	383 045	118 296	X
31133	Confectionery mfg from purchased chocolate .....	2000.. 35 581	1 222 363	946 099	276 264	2
		1999.. 33 564	1 149 040	888 997	260 042	1
		1998.. 29 859	1 120 594	865 521	255 073	1
		1997.. 32 871	1 104 737	856 440	248 297	X
311330	Confectionery mfg from purchased chocolate ..	2000.. 35 581	1 222 363	946 099	276 264	2
		1999.. 33 564	1 149 040	888 997	260 042	1
		1998.. 29 859	1 120 594	865 521	255 073	1
		1997.. 32 871	1 104 737	856 440	248 297	X
31134	Nonchocolate confectionery mfg .....	2000.. 22 940	974 676	756 493	218 182	3
		1999.. 25 356	1 015 847	777 505	238 343	2
		1998.. 27 389	993 503	771 744	221 759	1
		1997.. 25 512	904 681	709 389	195 292	X
311340	Nonchocolate confectionery mfg .....	2000.. 22 940	974 676	756 493	218 182	3
		1999.. 25 356	1 015 847	777 505	238 343	2
		1998.. 27 389	993 503	771 744	221 759	1
		1997.. 25 512	904 681	709 389	195 292	X
3114	Fruit & vegetable preserving & specialty food mfg ..	2000.. 180 789	6 624 687	5 134 510	1 490 177	1
		1999.. 180 157	6 495 868	5 045 326	1 450 541	1
		1998.. 189 160	6 409 710	4 943 653	1 466 057	1
		1997.. 191 576	6 367 864	4 884 327	1 483 537	X
31141	Frozen food mfg .....	2000.. 91 461	3 127 969	2 427 881	700 087	1
		1999.. 92 667	3 021 417	2 359 978	661 438	1
		1998.. 96 753	2 953 827	2 286 935	666 892	1
		1997.. 94 192	2 840 649	2 192 511	648 138	X
311411	Frozen fruit, juice, & vegetable mfg .....	2000.. 43 588	1 450 534	1 105 085	345 449	2
		1999.. 44 469	1 412 690	1 079 764	332 927	1
		1998.. 49 461	1 432 551	1 101 281	331 269	1
		1997.. 46 295	1 375 045	1 047 390	327 655	X
311412	Frozen specialty food mfg .....	2000.. 47 874	1 677 435	1 322 796	354 639	2
		1999.. 48 198	1 608 726	1 280 215	328 512	1
		1998.. 47 291	1 521 277	1 185 654	335 622	1
		1997.. 47 897	1 465 604	1 145 121	320 483	X
31142	Fruit & vegetable canning, pickling, & drying .....	2000.. 89 328	3 496 719	2 706 629	790 090	2
		1999.. 87 490	3 474 451	2 685 348	789 103	2
		1998.. 92 407	3 455 883	2 656 718	799 165	1
		1997.. 97 384	3 527 215	2 691 816	835 399	X
311421	Fruit & vegetable canning .....	2000.. 61 047	2 349 908	1 822 532	527 376	3
		1999.. 58 769	2 313 085	1 796 809	516 275	3
		1998.. 63 526	2 308 157	1 758 331	549 826	1
		1997.. 63 612	2 281 518	1 709 578	571 940	X
311422	Specialty canning .....	2000.. 15 783	664 250	515 535	148 715	1
		1999.. 15 809	665 837	512 213	153 624	2
		1998.. 16 156	681 962	536 661	145 300	1
		1997.. 19 157	760 572	602 615	157 957	X
311423	Dried & dehydrated food mfg .....	2000.. 12 498	482 561	368 562	113 998	4
		1999.. 12 912	495 530	376 325	119 204	2
		1998.. 12 725	465 764	361 725	104 039	2
		1997.. 14 615	485 125	379 623	105 502	X
3115	Dairy product mfg .....	2000.. 133 152	5 884 919	4 592 819	1 292 099	1
		1999.. 131 865	5 603 608	4 391 105	1 212 503	1
		1998.. 132 765	5 439 417	4 202 894	1 236 523	1
		1997.. 131 868	5 345 489	4 139 799	1 205 690	X
31151	Dairy product (except frozen) mfg .....	2000.. 113 415	5 099 462	3 964 788	1 134 673	2
		1999.. 111 833	4 827 845	3 767 769	1 060 077	1
		1998.. 112 642	4 658 631	3 574 639	1 083 992	1
		1997.. 112 082	4 588 764	3 533 105	1 055 659	X
311511	Fluid milk mfg.....	2000.. 58 105	2 633 248	2 067 891	565 357	2
		1999.. 57 815	2 523 486	1 974 296	549 190	2
		1998.. 57 413	2 481 733	1 907 404	574 329	1
		1997.. 57 638	2 467 787	1 897 820	569 967	X
311512	Creamery butter mfg .....	2000.. 1 381	62 757	48 455	14 301	1
		1999.. 1 546	66 621	52 328	14 292	2
		1998.. 1 738	69 310	57 012	12 298	10
		1997.. 1 827	71 563	56 524	15 039	X
311513	Cheese mfg .....	2000.. 36 118	1 485 741	1 164 518	321 223	2
		1999.. 36 143	1 377 465	1 096 193	281 272	2
		1998.. 36 566	1 306 215	1 001 062	305 153	1
		1997.. 36 543	1 298 840	1 005 266	293 574	X
311514	Dry, condensed, & evaporated dairy product mfg .....	2000.. 17 810	917 716	683 924	233 792	5
		1999.. 16 329	860 274	644 951	215 323	3
		1998.. 16 925	801 373	609 160	192 213	2
		1997.. 16 074	750 574	573 495	177 079	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
311	Food mfg—Con.					
3115	Dairy product mfg—Con.					
31152	Ice cream & frozen dessert mfg . . . . .	2000.. 19 737	785 457	628 031	157 426	3
		1999.. 20 032	775 763	623 337	152 426	2
		1998.. 20 123	780 786	628 255	152 531	2
		1997.. 19 786	756 725	606 694	150 031	X
311520	Ice cream & frozen dessert mfg . . . . .	2000.. 19 737	785 457	628 031	157 426	3
		1999.. 20 032	775 763	623 337	152 426	2
		1998.. 20 123	780 786	628 255	152 531	2
		1997.. 19 786	756 725	606 694	150 031	X
3116	Meat product mfg . . . . .	2000.. 485 867	14 087 196	11 502 726	2 584 470	1
		1999.. 477 936	13 766 106	11 204 511	2 561 595	1
		1998.. 468 008	12 934 171	10 458 451	2 475 720	1
		1997.. 464 991	12 318 680	9 917 710	2 400 970	X
31161	Animal slaughtering & processing . . . . .	2000.. 485 867	14 087 196	11 502 726	2 584 470	1
		1999.. 477 936	13 766 106	11 204 511	2 561 595	1
		1998.. 468 008	12 934 171	10 458 451	2 475 720	1
		1997.. 464 991	12 318 680	9 917 710	2 400 970	X
311611	Animal (except poultry) slaughtering . . . . .	2000.. 144 443	4 548 426	3 789 236	759 190	1
		1999.. 142 640	4 372 615	3 619 382	753 233	1
		1998.. 139 986	4 110 839	3 391 640	719 199	1
		1997.. 141 882	3 954 930	3 245 551	709 379	X
311612	Meat processed from carcasses . . . . .	2000.. 100 222	3 563 348	2 876 754	686 594	2
		1999.. 98 494	3 484 459	2 785 669	698 790	1
		1998.. 94 420	3 252 833	2 569 379	683 454	1
		1997.. 90 002	2 964 539	2 347 336	617 203	X
311613	Rendering & meat byproduct processing . . . . .	2000.. 10 061	395 590	315 363	80 227	3
		1999.. 9 017	366 805	292 497	74 308	3
		1998.. 8 704	351 837	273 286	78 552	4
		1997.. 8 798	341 048	268 952	72 096	X
311615	Poultry processing . . . . .	2000.. 231 140	5 579 832	4 521 373	1 058 459	1
		1999.. 227 785	5 542 226	4 506 963	1 035 263	1
		1998.. 224 898	5 218 661	4 224 147	994 515	1
		1997.. 224 309	5 058 163	4 055 871	1 002 292	X
3117	Seafood product preparation & packaging . . . . .	2000.. 41 616	1 142 912	953 443	189 469	5
		1999.. 41 224	1 108 952	938 300	170 652	4
		1998.. 42 200	1 061 299	894 997	166 302	3
		1997.. 40 763	1 056 766	886 350	170 416	X
31171	Seafood product preparation & packaging . . . . .	2000.. 41 616	1 142 912	953 443	189 469	5
		1999.. 41 224	1 108 952	938 300	170 652	4
		1998.. 42 200	1 061 299	894 997	166 302	3
		1997.. 40 763	1 056 766	886 350	170 416	X
311711	Seafood canning . . . . .	2000.. 5 127	151 842	124 656	27 186	8
		1999.. 5 385	172 463	141 284	31 179	6
		1998.. 5 553	147 470	122 176	25 294	4
		1997.. 5 371	149 279	121 870	27 409	X
311712	Fresh & frozen seafood processing . . . . .	2000.. 36 489	991 070	828 787	162 283	5
		1999.. 35 839	936 489	797 017	139 473	4
		1998.. 36 647	913 829	772 820	141 008	3
		1997.. 35 392	907 487	764 480	143 007	X
3118	Bakeries & tortilla mfg . . . . .	2000.. 320 121	11 440 007	8 937 974	2 502 033	3
		1999.. 314 931	10 999 391	8 659 497	2 339 895	2
		1998.. 328 984	10 549 997	8 275 620	2 274 376	1
		1997.. 298 300	10 015 119	7 802 377	2 212 742	X
31181	Bread & bakery product mfg . . . . .	2000.. 244 771	8 575 637	6 705 440	1 870 197	4
		1999.. 240 480	8 146 707	6 438 163	1 708 544	2
		1998.. 254 741	7 741 171	6 101 771	1 639 400	1
		1997.. 222 596	7 132 485	5 582 806	1 549 679	X
311811	Retail bakeries . . . . .	2000.. 52 662	917 797	747 377	170 420	5
		1999.. 52 919	892 109	702 515	189 593	3
		1998.. 74 653	1 195 434	935 848	259 586	2
		1997.. 43 603	734 805	568 243	166 562	X
311812	Commercial bakeries . . . . .	2000.. 175 635	7 094 030	5 514 529	1 579 501	5
		1999.. 172 514	6 747 539	5 330 908	1 416 630	2
		1998.. 164 686	6 028 644	4 758 119	1 270 525	1
		1997.. 164 033	5 898 705	4 624 748	1 273 957	X
311813	Frozen cakes, pies, & other pastries mfg . . . . .	2000.. 16 473	563 810	443 534	120 277	3
		1999.. 15 047	507 059	404 739	102 320	3
		1998.. 15 402	517 094	407 805	109 289	2
		1997.. 14 960	498 975	389 815	109 160	X
31182	Cookie, cracker, & pasta mfg . . . . .	2000.. 61 951	2 526 015	1 952 730	573 285	2
		1999.. 61 759	2 535 539	1 958 012	577 527	2
		1998.. 62 847	2 528 797	1 946 756	582 041	1
		1997.. 64 401	2 613 614	2 002 867	610 747	X
311821	Cookie & cracker mfg . . . . .	2000.. 39 762	1 709 965	1 308 046	401 919	2
		1999.. 40 107	1 729 425	1 321 344	408 081	2
		1998.. 42 189	1 726 111	1 312 905	413 206	1
		1997.. 42 804	1 769 869	1 343 993	425 876	X
311822	Flour mixes & dough mfg from purchased flour . . . . .	2000.. 17 874	664 272	528 380	135 892	4
		1999.. 17 196	660 179	523 063	137 116	2
		1998.. 15 232	613 484	485 517	127 968	1
		1997.. 15 534	620 788	484 414	136 374	X
311823	Dry pasta mfg . . . . .	2000.. 4 315	151 777	116 304	35 473	16
		1999.. 4 457	145 934	113 604	32 331	18
		1998.. 5 426	189 202	148 334	40 868	1
		1997.. 6 063	222 957	174 460	48 497	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
311	Food mfg—Con.					
3118	Bakeries & tortilla mfg—Con.					
31183	Tortilla mfg .....	2000.. 13 399	338 356	279 804	58 551	3
		1999.. 12 692	317 145	263 322	53 823	3
		1998.. 11 395	280 029	227 093	52 935	1
		1997.. 11 303	269 020	216 704	52 316	X
311830	Tortilla mfg .....	2000.. 13 399	338 356	279 804	58 551	3
		1999.. 12 692	317 145	263 322	53 823	3
		1998.. 11 395	280 029	227 093	52 935	1
		1997.. 11 303	269 020	216 704	52 316	X
3119	Other food mfg .....	2000.. 154 794	5 950 951	4 784 031	1 166 920	1
		1999.. 150 731	5 686 139	4 576 957	1 109 182	1
		1998.. 151 170	5 601 297	4 439 571	1 161 726	1
		1997.. 148 688	5 432 493	4 338 144	1 094 349	X
31191	Snack food mfg .....	2000.. 46 138	1 817 074	1 431 487	385 587	3
		1999.. 46 015	1 738 710	1 367 710	375 000	2
		1998.. 47 443	1 822 298	1 417 428	404 871	1
		1997.. 46 609	1 730 241	1 368 683	361 558	X
311911	Roasted nuts & peanut butter mfg .....	2000.. 11 321	416 539	327 848	88 691	3
		1999.. 11 118	380 210	297 804	82 406	3
		1998.. 10 672	382 655	294 854	87 801	3
		1997.. 10 128	345 620	265 104	80 516	X
311919	Other snack food mfg .....	2000.. 34 818	1 400 536	1 103 639	296 896	3
		1999.. 34 897	1 358 500	1 065 906	292 595	3
		1998.. 36 771	1 439 644	1 122 574	317 070	1
		1997.. 36 481	1 384 621	1 103 579	281 042	X
31192	Coffee & tea mfg .....	2000.. 11 992	550 950	432 951	118 000	5
		1999.. 12 067	562 584	449 774	112 810	5
		1998.. 12 820	545 823	422 323	123 500	1
		1997.. 12 895	577 133	445 357	131 776	X
311920	Coffee & tea mfg .....	2000.. 11 992	550 950	432 951	118 000	5
		1999.. 12 067	562 584	449 774	112 810	5
		1998.. 12 820	545 823	422 323	123 500	1
		1997.. 12 895	577 133	445 357	131 776	X
31193	Flavoring syrup & concentrate mfg .....	2000.. 5 449	289 327	236 685	52 642	6
		1999.. 5 546	287 753	234 931	52 822	4
		1998.. 5 699	265 510	211 165	54 345	1
		1997.. 6 243	279 026	225 770	53 256	X
311930	Flavoring syrup & concentrate mfg .....	2000.. 5 449	289 327	236 685	52 642	6
		1999.. 5 546	287 753	234 931	52 822	4
		1998.. 5 699	265 510	211 165	54 345	1
		1997.. 6 243	279 026	225 770	53 256	X
31194	Seasoning & dressing mfg .....	2000.. 29 188	1 351 019	1 094 501	256 518	3
		1999.. 28 629	1 310 955	1 070 659	240 296	2
		1998.. 26 290	1 160 720	924 698	236 022	3
		1997.. 26 055	1 111 151	897 346	213 805	X
311941	Mayonnaise, dressing, & other prepared sauce mfg .....	2000.. 15 811	670 363	533 411	136 952	4
		1999.. 15 246	627 910	507 422	120 488	4
		1998.. 14 307	572 773	446 688	126 085	2
		1997.. 13 927	556 235	443 903	112 332	X
311942	Spice & extract mfg .....	2000.. 13 378	680 656	561 090	119 566	4
		1999.. 13 383	683 045	563 237	119 808	3
		1998.. 11 983	587 946	478 010	109 937	6
		1997.. 12 128	554 916	453 443	101 473	X
31199	All other food mfg .....	2000.. 62 026	1 942 580	1 588 406	354 174	3
		1999.. 58 474	1 786 137	1 457 884	328 253	2
		1998.. 58 918	1 806 946	1 463 958	342 988	1
		1997.. 56 886	1 734 942	1 400 988	333 954	X
311991	Perishable prepared food mfg .....	2000.. 22 298	615 435	512 111	103 325	4
		1999.. 20 512	556 830	462 871	93 959	2
		1998.. 21 198	581 594	487 465	94 129	3
		1997.. 20 732	558 858	461 355	97 503	X
311999	All other miscellaneous food mfg .....	2000.. 39 728	1 327 145	1 076 296	250 849	3
		1999.. 37 962	1 229 307	995 013	234 295	3
		1998.. 37 720	1 225 352	976 492	248 860	1
		1997.. 36 154	1 176 084	939 633	236 451	X
312	Beverage & tobacco product mfg .....	2000.. 174 230	9 205 261	7 107 728	2 097 533	1
		1999.. 166 847	8 639 134	6 681 383	1 957 751	1
		1998.. 175 214	8 863 791	6 810 605	2 053 186	1
		1997.. 175 711	8 799 206	6 735 295	2 063 911	X
3121	Beverage mfg .....	2000.. 146 084	7 185 855	5 558 016	1 627 839	1
		1999.. 138 534	6 673 153	5 236 764	1 436 389	1
		1998.. 141 394	6 743 799	5 280 571	1 463 228	1
		1997.. 142 117	6 602 133	5 139 203	1 462 930	X
31211	Soft drink & ice mfg .....	2000.. 86 018	3 638 928	2 875 044	763 885	3
		1999.. 81 713	3 390 415	2 677 247	713 168	2
		1998.. 82 891	3 422 673	2 691 104	731 569	1
		1997.. 83 256	3 330 794	2 627 979	702 815	X
312111	Soft drink mfg .....	2000.. 74 208	3 249 075	2 549 558	699 516	3
		1999.. 70 747	3 041 198	2 386 833	654 365	2
		1998.. 73 212	3 094 710	2 426 218	668 492	1
		1997.. 73 343	3 021 673	2 377 922	643 751	X
312112	Bottled water mfg .....	2000.. 6 374	230 049	189 925	40 124	12
		1999.. 5 783	197 508	161 758	35 750	9
		1998.. 4 719	182 530	144 103	38 427	4
		1997.. 4 661	168 324	132 426	35 898	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
312	Beverage & tobacco product mfg—Con.					
3121	Beverage mfg—Con.					
31211	Soft drink & ice mfg—Con.					
312113	Ice mfg .....	2000.. 5 437	159 805	135 560	24 245	6
		1999.. 5 183	151 709	128 656	23 053	6
		1998.. 4 960	145 432	120 783	24 649	4
		1997.. 5 252	140 797	117 631	23 166	X
31212	Breweries .....	2000.. 30 849	2 178 835	1 580 942	597 893	1
		1999.. 30 255	2 044 629	1 575 344	469 285	1
		1998.. 31 813	2 086 043	1 613 933	472 110	1
		1997.. 34 251	2 091 257	1 598 573	492 684	X
312120	Breweries .....	2000.. 30 849	2 178 835	1 580 942	597 893	1
		1999.. 30 255	2 044 629	1 575 344	469 285	1
		1998.. 31 813	2 086 043	1 613 933	472 110	1
		1997.. 34 251	2 091 257	1 598 573	492 684	X
31213	Wineries .....	2000.. 21 617	994 798	793 137	201 661	2
		1999.. 20 849	948 043	755 640	192 403	2
		1998.. 20 330	924 154	730 353	193 801	1
		1997.. 18 193	860 792	668 051	192 741	X
312130	Wineries .....	2000.. 21 617	994 798	793 137	201 661	2
		1999.. 20 849	948 043	755 640	192 403	2
		1998.. 20 330	924 154	730 353	193 801	1
		1997.. 18 193	860 792	668 051	192 741	X
31214	Distilleries .....	2000.. 7 600	373 294	308 893	64 401	5
		1999.. 5 718	290 066	228 533	61 533	9
		1998.. 6 360	310 929	245 180	65 749	7
		1997.. 6 417	319 290	244 600	74 690	X
312140	Distilleries .....	2000.. 7 600	373 294	308 893	64 401	5
		1999.. 5 718	290 066	228 533	61 533	9
		1998.. 6 360	310 929	245 180	65 749	7
		1997.. 6 417	319 290	244 600	74 690	X
3122	Tobacco mfg .....	2000.. 28 146	2 019 406	1 549 712	469 694	1
		1999.. 28 313	1 965 981	1 444 619	521 362	1
		1998.. 33 820	2 119 992	1 530 035	589 958	1
		1997.. 33 594	2 197 073	1 596 092	600 981	X
31221	Tobacco stemming & redrying .....	2000.. 3 553	132 972	106 271	26 701	1
		1999.. 4 131	147 964	116 186	31 778	1
		1998.. 5 553	165 459	132 121	33 338	1
		1997.. 4 955	144 432	112 571	31 861	X
312210	Tobacco stemming & redrying .....	2000.. 3 553	132 972	106 271	26 701	1
		1999.. 4 131	147 964	116 186	31 778	1
		1998.. 5 553	165 459	132 121	33 338	1
		1997.. 4 955	144 432	112 571	31 861	X
31222	Tobacco product mfg .....	2000.. 24 593	1 886 434	1 443 441	442 993	1
		1999.. 24 182	1 818 017	1 328 433	489 584	1
		1998.. 28 267	1 954 533	1 397 914	556 620	1
		1997.. 28 639	2 052 641	1 483 521	569 120	X
312221	Cigarette mfg .....	2000.. 17 659	1 554 443	1 185 892	368 551	1
		1999.. 18 157	1 552 549	1 131 992	420 557	1
		1998.. 20 541	1 631 415	1 158 539	472 876	1
		1997.. 21 302	1 738 062	1 246 557	491 505	X
312229	Other tobacco product mfg .....	2000.. 6 934	331 991	257 549	74 442	6
		1999.. 6 025	265 468	196 441	69 027	7
		1998.. 7 726	323 118	239 375	83 744	1
		1997.. 7 337	314 579	236 964	77 615	X
313	Textile mills .....	2000.. 336 947	11 359 726	9 199 615	2 160 111	1
		1999.. 352 580	11 558 073	9 385 205	2 172 869	1
		1998.. 377 391	12 085 339	9 860 628	2 224 711	1
		1997.. 391 899	12 328 590	10 058 482	2 270 108	X
3131	Fiber, yarn, & thread mills .....	2000.. 72 389	2 221 353	1 792 879	428 474	2
		1999.. 74 834	2 251 642	1 803 876	447 766	1
		1998.. 80 024	2 328 176	1 884 183	443 993	1
		1997.. 82 291	2 326 045	1 891 178	434 867	X
31311	Fiber, yarn, & thread mills .....	2000.. 72 389	2 221 353	1 792 879	428 474	2
		1999.. 74 834	2 251 642	1 803 876	447 766	1
		1998.. 80 024	2 328 176	1 884 183	443 993	1
		1997.. 82 291	2 326 045	1 891 178	434 867	X
313111	Yarn spinning mills .....	2000.. 48 468	1 472 587	1 187 815	284 772	2
		1999.. 51 762	1 511 931	1 220 210	291 721	1
		1998.. 57 241	1 636 776	1 323 381	313 394	1
		1997.. 58 440	1 643 443	1 334 129	309 314	X
313112	Yarn texturing, throwing, & twisting mills .....	2000.. 20 801	658 331	534 521	123 810	3
		1999.. 20 186	664 117	524 536	139 581	3
		1998.. 18 832	580 625	474 064	106 562	3
		1997.. 20 256	580 786	478 414	102 372	X
313113	Thread mills .....	2000.. 3 120	90 435	70 542	19 893	2
		1999.. 2 886	75 594	59 130	16 464	3
		1998.. 3 951	110 775	86 738	24 037	1
		1997.. 3 595	101 816	78 635	23 181	X
3132	Fabric mills .....	2000.. 184 304	6 253 673	5 041 032	1 212 641	1
		1999.. 195 576	6 419 273	5 218 566	1 200 707	1
		1998.. 210 996	6 802 453	5 578 294	1 224 159	1
		1997.. 217 354	6 862 096	5 613 779	1 248 317	X

See footnotes at end of table.

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NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
313	Textile mills—Con.					
3132	Fabric mills—Con.					
31321	Broadwoven fabric mills .....	2000.. 113 091	3 738 841	3 007 619	731 222	1
		1999.. 120 999	3 862 721	3 139 585	723 135	1
		1998.. 129 506	4 163 137	3 422 465	740 672	1
		1997.. 132 797	4 181 028	3 434 157	746 871	X
313210	Broadwoven fabric mills .....	2000.. 113 091	3 738 841	3 007 619	731 222	1
		1999.. 120 999	3 862 721	3 139 585	723 135	1
		1998.. 129 506	4 163 137	3 422 465	740 672	1
		1997.. 132 797	4 181 028	3 434 157	746 871	X
31322	Narrow fabric mills & schiffli machine embroidery .....	2000.. 18 475	564 492	462 287	102 204	2
		1999.. 18 568	548 055	446 336	101 719	3
		1998.. 20 221	554 062	454 677	99 385	4
		1997.. 20 215	538 082	445 118	92 964	X
313221	Narrow fabric mills .....	2000.. 16 602	503 994	412 709	91 285	2
		1999.. 16 448	482 053	391 693	90 360	3
		1998.. 16 454	462 544	377 725	84 819	3
		1997.. 16 366	448 475	368 459	80 016	X
313222	Schiffli machine embroidery .....	2000.. 1 873	60 498	49 578	10 919	9
		1999.. 2 120	66 003	54 643	11 359	6
		1998.. 3 767	91 518	76 953	14 566	13
		1997.. 3 849	89 607	76 659	12 948	X
31323	Nonwoven fabric mills .....	2000.. 22 519	1 019 424	802 028	217 395	2
		1999.. 21 190	945 492	750 131	195 361	2
		1998.. 20 807	901 445	720 817	180 628	2
		1997.. 21 162	884 633	693 101	191 532	X
313230	Nonwoven fabric mills .....	2000.. 22 519	1 019 424	802 028	217 395	2
		1999.. 21 190	945 492	750 131	195 361	2
		1998.. 20 807	901 445	720 817	180 628	2
		1997.. 21 162	884 633	693 101	191 532	X
31324	Knit fabric mills .....	2000.. 30 219	930 918	769 098	161 820	3
		1999.. 34 819	1 063 005	882 513	180 492	2
		1998.. 40 463	1 183 810	980 334	203 475	1
		1997.. 43 180	1 258 353	1 041 403	216 950	X
313241	Weft knit fabric mills .....	2000.. 16 231	483 053	400 486	82 568	4
		1999.. 19 301	573 957	475 414	98 543	2
		1998.. 23 397	671 725	553 702	118 023	1
		1997.. 24 535	693 372	570 908	122 464	X
313249	Other knit fabric & lace mills .....	2000.. 13 988	447 864	368 612	79 252	4
		1999.. 15 518	489 048	407 100	81 948	3
		1998.. 17 067	512 085	426 632	85 453	1
		1997.. 18 645	564 981	470 495	94 486	X
3133	Textile & fabric finishing & fabric coating mills .....	2000.. 80 254	2 884 700	2 365 704	518 995	2
		1999.. 82 170	2 887 158	2 362 762	524 396	2
		1998.. 86 371	2 954 710	2 398 151	556 559	3
		1997.. 92 254	3 140 449	2 553 525	586 924	X
31331	Textile & fabric finishing mills .....	2000.. 69 325	2 361 815	1 951 102	410 713	3
		1999.. 71 895	2 419 039	1 992 342	426 697	2
		1998.. 74 981	2 428 142	2 001 368	426 774	4
		1997.. 80 722	2 631 057	2 167 370	463 687	X
313311	Broadwoven fabric finishing mills .....	2000.. 45 031	1 566 585	1 298 033	268 552	4
		1999.. 47 077	1 605 600	1 329 505	276 095	3
		1998.. 47 159	1 567 736	1 292 788	274 948	6
		1997.. 51 447	1 727 973	1 424 212	303 761	X
313312	Textile & fabric finishing mills .....	2000.. 24 294	795 229	653 068	142 161	3
		1999.. 24 818	813 439	662 837	150 602	2
		1998.. 27 822	860 406	708 579	151 826	3
		1997.. 29 275	903 084	743 158	159 926	X
31332	Fabric coating mills .....	2000.. 10 929	522 885	414 603	108 283	4
		1999.. 10 275	468 119	370 420	97 699	5
		1998.. 11 390	526 568	396 784	129 785	3
		1997.. 11 532	509 392	386 155	123 237	X
313320	Fabric coating mills .....	2000.. 10 929	522 885	414 603	108 283	4
		1999.. 10 275	468 119	370 420	97 699	5
		1998.. 11 390	526 568	396 784	129 785	3
		1997.. 11 532	509 392	386 155	123 237	X
314	Textile product mills .....	2000.. 231 479	6 572 123	5 440 521	1 131 602	1
		1999.. 237 421	6 520 895	5 418 347	1 102 548	1
		1998.. 229 848	6 144 956	5 067 384	1 077 571	2
		1997.. 235 441	6 150 313	5 088 653	1 061 660	X
3141	Textile furnishings mills .....	2000.. 124 846	3 561 402	2 942 466	618 935	1
		1999.. 125 781	3 507 697	2 912 803	594 894	1
		1998.. 125 469	3 376 058	2 787 576	588 482	1
		1997.. 126 041	3 320 871	2 750 812	570 059	X
31411	Carpet & rug mills .....	2000.. 51 872	1 664 083	1 368 435	295 648	1
		1999.. 50 882	1 611 430	1 339 806	271 624	1
		1998.. 52 638	1 650 518	1 355 061	295 458	1
		1997.. 51 624	1 587 892	1 320 268	267 624	X
314110	Carpet & rug mills .....	2000.. 51 872	1 664 083	1 368 435	295 648	1
		1999.. 50 882	1 611 430	1 339 806	271 624	1
		1998.. 52 638	1 650 518	1 355 061	295 458	1
		1997.. 51 624	1 587 892	1 320 268	267 624	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
314	Textile product mills—Con.					
3141	Textile furnishings mills—Con.					
31412	Curtain & linen mills .....	2000.. 72 974	1 897 319	1 574 032	323 287	2
		1999.. 74 899	1 896 267	1 572 997	323 270	2
		1998.. 72 830	1 725 539	1 432 515	293 024	2
		1997.. 74 417	1 732 979	1 430 544	302 435	X
314121	Curtain & drapery mills .....	2000.. 23 672	610 672	514 633	96 039	4
		1999.. 24 863	599 391	494 459	104 932	3
		1998.. 26 892	601 188	495 886	105 302	3
		1997.. 25 384	549 365	450 504	98 861	X
314129	Other household textile product mills .....	2000.. 49 303	1 286 647	1 059 399	227 248	3
		1999.. 50 036	1 296 877	1 078 538	218 338	2
		1998.. 45 938	1 124 351	936 629	187 722	2
		1997.. 49 033	1 183 614	980 040	203 574	X
3149	Other textile product mills .....	2000.. 106 633	3 010 721	2 498 054	512 667	2
		1999.. 111 640	3 013 198	2 505 544	507 654	2
		1998.. 104 379	2 768 898	2 279 809	489 089	4
		1997.. 109 400	2 829 442	2 337 841	491 601	X
31491	Textile bag & canvas mills .....	2000.. 30 317	832 271	708 140	124 131	4
		1999.. 30 711	806 659	686 309	120 350	3
		1998.. 32 567	806 723	683 084	123 639	1
		1997.. 32 781	793 531	667 725	125 806	X
314911	Textile bag mills .....	2000.. 10 636	256 959	221 850	35 109	8
		1999.. 11 735	271 460	232 105	39 355	5
		1998.. 13 909	302 330	255 189	47 141	2
		1997.. 14 089	301 483	253 570	47 913	X
314912	Canvas & related product mills .....	2000.. 19 681	575 312	486 290	89 022	4
		1999.. 18 976	535 199	454 204	80 995	4
		1998.. 18 658	504 393	427 895	76 498	2
		1997.. 18 692	492 048	414 155	77 893	X
31499	All other textile product mills .....	2000.. 76 316	2 178 450	1 789 914	388 536	3
		1999.. 80 929	2 206 539	1 819 235	387 304	2
		1998.. 71 813	1 962 175	1 596 725	365 450	5
		1997.. 76 619	2 035 911	1 670 116	365 795	X
314991	Rope, cordage, & twine mills .....	2000.. 6 539	214 413	180 074	34 338	7
		1999.. 6 550	198 740	165 534	33 206	4
		1998.. 6 310	200 149	162 137	38 012	11
		1997.. 6 417	193 861	159 268	34 593	X
314992	Tire cord & tire fabric mills .....	2000.. 5 377	232 378	171 657	60 721	1
		1999.. 5 523	233 760	171 900	61 860	1
		1998.. 4 983	203 863	147 712	56 150	1
		1997.. 5 192	209 781	155 683	54 098	X
314999	All other miscellaneous textile product mills .....	2000.. 64 400	1 731 659	1 438 183	293 476	4
		1999.. 68 857	1 774 039	1 481 800	292 239	3
		1998.. 60 520	1 558 164	1 286 876	271 288	7
		1997.. 65 010	1 632 269	1 355 165	277 104	X
315	Apparel mfg .....	2000.. 525 970	12 383 125	10 373 918	2 009 207	2
		1999.. 577 773	13 196 223	11 046 012	2 150 210	1
		1998.. 649 010	14 293 508	11 922 888	2 370 620	1
		1997.. 710 796	15 140 092	12 582 352	2 557 740	X
3151	Apparel knitting mills .....	2000.. 78 994	2 038 530	1 689 129	349 401	2
		1999.. 83 844	2 055 980	1 714 976	341 004	2
		1998.. 89 186	2 149 929	1 786 811	363 119	1
		1997.. 99 901	2 343 895	1 933 113	410 782	X
31511	Hosiery & sock mills .....	2000.. 46 762	1 157 195	952 942	204 253	2
		1999.. 48 646	1 156 177	967 880	188 298	2
		1998.. 49 486	1 162 726	976 807	185 919	1
		1997.. 52 806	1 185 796	982 923	202 873	X
315111	Sheer hosiery mills .....	2000.. 13 497	335 940	266 577	69 363	5
		1999.. 14 670	353 169	291 713	61 455	5
		1998.. 15 342	374 288	311 703	62 584	1
		1997.. 17 798	426 814	349 890	76 924	X
315119	Other hosiery & sock mills .....	2000.. 33 265	821 255	686 365	134 890	3
		1999.. 33 977	803 009	676 166	126 842	2
		1998.. 34 144	788 438	665 104	123 334	2
		1997.. 35 008	758 982	633 033	125 949	X
31519	Other apparel knitting mills .....	2000.. 32 232	881 335	736 187	145 148	4
		1999.. 35 198	899 802	747 096	152 707	3
		1998.. 39 700	987 204	810 003	177 200	1
		1997.. 47 095	1 158 099	950 190	207 909	X
315191	Outerwear knitting mills .....	2000.. 28 250	759 008	640 983	118 025	5
		1999.. 29 863	749 429	628 672	120 756	3
		1998.. 33 371	833 386	689 038	144 349	1
		1997.. 40 154	996 765	819 788	176 977	X
315192	Underwear & nightwear knitting mills .....	2000.. 3 982	122 327	95 204	27 123	4
		1999.. 5 335	150 374	118 423	31 950	3
		1998.. 6 329	153 817	120 966	32 852	2
		1997.. 6 941	161 334	130 402	30 932	X
3152	Cut & sew apparel mfg .....	2000.. 393 536	9 049 356	7 595 026	1 454 330	2
		1999.. 441 430	9 892 845	8 279 510	1 613 334	2
		1998.. 506 413	10 902 309	9 090 275	1 812 034	1
		1997.. 558 328	11 582 165	9 625 941	1 956 224	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
315	Apparel mfg—Con.					
3152	Cut & sew apparel mfg—Con.					
31521	Cut & sew apparel contractors .....	2000.. 99 516	1 648 169	1 393 401	254 768	8
		1999.. 117 481	1 871 357	1 594 579	276 778	7
		1998.. 162 184	2 598 366	2 216 051	382 315	2
		1997.. 197 863	3 017 649	2 572 447	445 202	X
315211	Men's & boys' cut & sew apparel contractors ..	2000.. 31 590	575 834	473 782	102 051	7
		1999.. 35 455	638 152	525 454	112 697	5
		1998.. 42 371	778 337	641 769	136 568	3
		1997.. 50 444	840 521	693 666	146 855	X
315212	Women's, girls', & infants' cut & sew apparel contractors .....	2000.. 67 925	1 072 335	919 618	152 717	13
		1999.. 82 026	1 233 205	1 069 125	164 080	11
		1998.. 119 813	1 820 029	1 574 283	245 747	2
		1997.. 147 419	2 177 128	1 878 781	298 347	X
31522	Men's & boys' cut & sew apparel mfg .....	2000.. 126 084	3 009 785	2 435 022	574 763	3
		1999.. 147 600	3 469 898	2 805 648	664 249	2
		1998.. 164 738	3 703 977	2 964 379	739 598	1
		1997.. 177 527	3 884 840	3 098 512	786 328	X
315221	Men's & boys' cut & sew underwear & nightwear mfg .....	2000.. 5 434	152 379	122 949	29 430	6
		1999.. 7 493	195 045	156 033	39 012	4
		1998.. 7 037	148 570	117 742	30 827	1
		1997.. 9 759	208 033	162 485	45 548	X
315222	Men's & boys' cut & sew suit, coat, & overcoat mfg .....	2000.. 17 220	474 831	373 314	101 516	8
		1999.. 19 550	531 639	415 344	116 296	7
		1998.. 21 200	556 178	438 054	118 124	1
		1997.. 21 948	581 020	460 838	120 182	X
315223	Men's & boys' cut & sew shirt (exc work shirt) mfg .....	2000.. 30 150	718 345	592 267	126 078	4
		1999.. 38 219	930 422	767 088	163 334	3
		1998.. 44 314	1 009 676	828 628	181 047	1
		1997.. 52 648	1 152 081	938 927	213 154	X
315224	Men's & boys' cut & sew trouser, slack, & jean mfg .....	2000.. 37 684	910 602	726 790	183 812	7
		1999.. 42 208	1 007 693	800 620	207 072	5
		1998.. 46 456	1 103 624	853 348	250 277	1
		1997.. 45 219	1 014 473	775 607	238 866	X
315225	Men's & boys' cut & sew work clothing mfg .....	2000.. 19 042	384 967	318 843	66 124	5
		1999.. 20 475	398 045	328 349	69 695	4
		1998.. 22 429	412 285	333 682	78 604	2
		1997.. 23 306	431 228	346 801	84 427	X
315228	Men's & boys' cut & sew other outerwear mfg ..	2000.. 16 555	368 662	300 859	67 803	8
		1999.. 19 655	407 054	338 214	68 840	5
		1998.. 23 302	473 644	392 925	80 719	1
		1997.. 24 647	498 005	413 854	84 151	X
31523	Women's & girls' cut & sew apparel mfg .....	2000.. 147 438	3 890 225	3 336 078	544 147	3
		1999.. 153 763	4 027 739	3 438 526	589 213	3
		1998.. 155 940	4 076 593	3 469 291	607 302	1
		1997.. 157 739	4 127 309	3 490 513	636 796	X
315231	Women's & girls' cut/sew lingerie & nightwear mfg .....	2000.. 17 651	421 882	352 588	69 294	7
		1999.. 20 348	467 723	386 253	81 471	5
		1998.. 23 107	511 766	422 011	89 755	4
		1997.. 26 081	550 051	451 917	98 134	X
315232	Women's & girls' cut & sew blouse & shirt mfg .....	2000.. 32 015	803 310	709 572	93 738	9
		1999.. 31 101	847 872	737 091	110 781	7
		1998.. 29 170	814 145	708 420	105 725	1
		1997.. 26 201	637 809	554 072	83 737	X
315233	Women's & girls' cut & sew dress mfg .....	2000.. 29 960	855 179	750 608	104 571	5
		1999.. 28 802	863 341	757 626	105 715	5
		1998.. 29 158	868 772	762 834	105 938	1
		1997.. 28 280	811 273	711 042	100 231	X
315234	Women's & girls' cut & sew suit, coat, skirt mfg .....	2000.. 10 700	373 560	314 136	59 425	12
		1999.. 12 930	427 924	355 958	71 966	9
		1998.. 18 087	567 219	476 755	90 465	3
		1997.. 20 324	630 802	528 734	102 068	X
315239	Women's & girls' cut & sew other outerwear mfg .....	2000.. 57 114	1 426 293	1 209 174	217 119	5
		1999.. 60 582	1 420 879	1 201 599	219 280	4
		1998.. 56 419	1 314 691	1 099 272	215 419	1
		1997.. 56 853	1 497 374	1 244 748	252 626	X
31529	Other cut & sew apparel mfg .....	2000.. 20 497	511 176	430 525	80 651	5
		1999.. 22 586	523 851	440 757	83 094	3
		1998.. 23 551	523 373	440 554	82 819	1
		1997.. 25 199	552 367	464 469	87 898	X
315291	Infants' cut & sew apparel mfg .....	2000.. 4 666	124 414	100 817	23 597	7
		1999.. 6 571	146 269	116 655	29 614	6
		1998.. 8 903	197 379	162 152	35 227	1
		1997.. 9 457	190 724	152 721	38 003	X
315292	Fur & leather apparel mfg .....	2000.. 2 770	73 141	63 471	9 670	21
		1999.. 2 782	67 106	58 571	8 535	17
		1998.. 1 710	46 682	41 380	5 302	8
		1997.. 2 132	51 940	45 928	6 012	X
315299	All other cut & sew apparel mfg .....	2000.. 13 061	313 621	266 237	47 384	6
		1999.. 13 232	310 476	265 531	44 945	3
		1998.. 12 937	279 312	237 022	42 290	2
		1997.. 13 610	309 703	265 820	43 883	X

See footnotes at end of table.



**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
315	Apparel mfg—Con.					
3159	Apparel accessories & other apparel mfg . . . . .	2000.. 53 441	1 295 240	1 089 763	205 477	3
		1999.. 52 499	1 247 398	1 051 526	195 872	2
		1998.. 53 411	1 241 270	1 045 802	195 468	1
		1997.. 52 567	1 214 032	1 023 298	190 734	X
31599	Apparel accessories & other apparel mfg . . . . .	2000.. 53 441	1 295 240	1 089 763	205 477	3
		1999.. 52 499	1 247 398	1 051 526	195 872	2
		1998.. 53 411	1 241 270	1 045 802	195 468	1
		1997.. 52 567	1 214 032	1 023 298	190 734	X
315991	Hat, cap, & millinery mfg . . . . .	2000.. 16 263	375 657	314 917	60 739	8
		1999.. 16 682	375 036	318 283	56 753	7
		1998.. 16 827	362 225	304 897	57 328	2
		1997.. 17 237	361 054	303 495	57 559	X
315992	Glove & mitten mfg . . . . .	2000.. 5 068	124 760	101 097	23 664	5
		1999.. 5 396	123 949	101 879	22 069	6
		1998.. 6 223	138 769	116 348	22 421	2
		1997.. 6 412	143 503	119 679	23 824	X
315993	Men's & boys' neckwear mfg . . . . .	2000.. 3 969	104 699	90 261	14 438	5
		1999.. 4 426	125 997	110 794	15 203	8
		1998.. 4 985	142 252	123 696	18 557	6
		1997.. 4 936	134 197	117 274	16 923	X
315999	Other apparel accessories & other apparel mfg . . . . .	2000.. 28 142	690 123	583 488	106 635	3
		1999.. 25 994	622 416	520 569	101 847	2
		1998.. 25 375	598 023	500 861	97 162	1
		1997.. 23 982	575 278	482 850	92 428	X
316	Leather & allied product mfg . . . . .	2000.. 69 356	2 023 279	1 656 012	367 267	2
		1999.. 73 784	2 144 734	1 766 449	378 285	2
		1998.. 80 933	2 220 478	1 823 228	397 250	1
		1997.. 85 115	2 237 088	1 832 341	404 747	X
3161	Leather & hide tanning & finishing . . . . .	2000.. 15 214	549 559	441 536	108 024	4
		1999.. 15 070	562 783	453 590	109 193	3
		1998.. 15 366	535 193	430 148	105 044	1
		1997.. 14 898	508 024	408 772	99 252	X
31611	Leather & hide tanning & finishing . . . . .	2000.. 15 214	549 559	441 536	108 024	4
		1999.. 15 070	562 783	453 590	109 193	3
		1998.. 15 366	535 193	430 148	105 044	1
		1997.. 14 898	508 024	408 772	99 252	X
316110	Leather & hide tanning & finishing . . . . .	2000.. 15 214	549 559	441 536	108 024	4
		1999.. 15 070	562 783	453 590	109 193	3
		1998.. 15 366	535 193	430 148	105 044	1
		1997.. 14 898	508 024	408 772	99 252	X
3162	Footwear mfg . . . . .	2000.. 30 521	852 719	695 621	157 098	3
		1999.. 34 546	935 371	763 926	171 446	3
		1998.. 37 563	964 404	783 263	181 141	2
		1997.. 41 744	1 021 710	827 526	194 184	X
31621	Footwear mfg . . . . .	2000.. 30 521	852 719	695 621	157 098	3
		1999.. 34 546	935 371	763 926	171 446	3
		1998.. 37 563	964 404	783 263	181 141	2
		1997.. 41 744	1 021 710	827 526	194 184	X
316211	Rubber & plastics footwear mfg . . . . .	2000.. 6 425	193 422	153 624	39 798	6
		1999.. 6 997	198 535	156 726	41 809	4
		1998.. 8 198	240 441	192 220	48 221	4
		1997.. 8 292	211 982	168 185	43 797	X
316212	House slipper mfg . . . . .	2000.. 1 780	51 571	43 029	8 542	1
		1999.. 1 946	54 769	45 921	8 848	1
		1998.. 2 246	57 735	46 786	10 949	2
		1997.. 2 501	62 808	51 471	11 337	X
316213	Men's footwear (except athletic) mfg . . . . .	2000.. 14 155	399 364	319 216	80 148	5
		1999.. 15 293	428 310	343 768	84 542	4
		1998.. 14 971	391 625	314 264	77 361	5
		1997.. 17 182	455 508	367 831	87 677	X
316214	Women's footwear (except athletic) mfg . . . . .	2000.. 6 114	157 983	137 426	20 558	8
		1999.. 7 417	183 992	160 214	23 778	5
		1998.. 9 370	210 716	179 913	30 803	2
		1997.. 10 442	218 868	183 020	35 848	X
316219	Other footwear mfg . . . . .	2000.. 2 047	50 379	42 326	8 053	13
		1999.. 2 893	69 766	57 297	12 470	5
		1998.. 2 778	63 886	50 080	13 806	4
		1997.. 3 327	72 544	57 019	15 525	X
3169	Other leather & allied product mfg . . . . .	2000.. 23 621	621 002	518 856	102 146	3
		1999.. 24 168	646 580	548 933	97 647	3
		1998.. 28 004	720 881	609 817	111 064	1
		1997.. 28 473	707 354	596 043	111 311	X
31699	Other leather & allied product mfg . . . . .	2000.. 23 621	621 002	518 856	102 146	3
		1999.. 24 168	646 580	548 933	97 647	3
		1998.. 28 004	720 881	609 817	111 064	1
		1997.. 28 473	707 354	596 043	111 311	X
316991	Luggage mfg . . . . .	2000.. 8 195	229 749	188 938	40 810	5
		1999.. 8 944	256 818	214 526	42 292	4
		1998.. 9 275	256 964	213 438	43 526	2
		1997.. 9 550	264 967	219 951	45 016	X
316992	Women's handbag & purse mfg . . . . .	2000.. 2 302	77 914	64 664	13 250	3
		1999.. 2 623	75 917	68 863	7 053	6
		1998.. 3 651	90 514	80 588	9 926	2
		1997.. 3 492	89 307	78 998	10 309	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
316	Leather & allied product mfg—Con.					
3169	Other leather & allied product mfg—Con.					
31699	Other leather & allied product mfg—Con.					
316993	Personal leather good (except women's handbag & purse) mfg .....	2000.. 4 600	112 634	95 955	16 678	4
		1999.. 4 557	107 210	93 245	13 965	6
		1998.. 4 957	128 329	110 742	17 588	3
		1997.. 5 215	128 740	109 840	18 900	X
316999	All other leather good mfg .....	2000.. 8 524	200 705	169 299	31 407	8
		1999.. 8 043	206 635	172 299	34 336	5
		1998.. 10 121	245 073	205 049	40 024	1
		1997.. 10 216	224 340	187 254	37 086	X
321	Wood product mfg .....	2000.. 585 035	19 724 190	16 135 745	3 588 445	1
		1999.. 588 609	19 621 517	15 988 598	3 632 919	1
		1998.. 577 900	18 591 556	15 112 611	3 478 945	1
		1997.. 570 034	17 698 996	14 319 193	3 379 803	X
3211	Sawmills & wood preservation .....	2000.. 128 517	4 517 421	3 648 017	869 405	2
		1999.. 130 222	4 543 456	3 632 196	911 260	1
		1998.. 128 128	4 361 830	3 476 001	885 830	1
		1997.. 130 935	4 376 967	3 478 548	898 419	X
32111	Sawmills & wood preservation .....	2000.. 128 517	4 517 421	3 648 017	869 405	2
		1999.. 130 222	4 543 456	3 632 196	911 260	1
		1998.. 128 128	4 361 830	3 476 001	885 830	1
		1997.. 130 935	4 376 967	3 478 548	898 419	X
321113	Sawmills .....	2000.. 116 904	4 136 260	3 332 504	803 756	2
		1999.. 118 012	4 152 611	3 310 220	842 391	1
		1998.. 116 304	3 995 125	3 177 159	817 966	1
		1997.. 119 267	4 011 823	3 180 425	831 398	X
321114	Wood preservation .....	2000.. 11 613	381 161	315 513	65 648	4
		1999.. 12 210	390 846	321 976	68 870	2
		1998.. 11 823	366 706	298 841	67 864	2
		1997.. 11 668	365 144	298 123	67 021	X
3212	Veneer, plywood, & engineered wood product mfg .....	2000.. 120 163	4 576 576	3 659 812	916 765	1
		1999.. 115 701	4 327 607	3 458 044	869 563	1
		1998.. 112 532	4 135 116	3 310 807	824 309	1
		1997.. 113 085	3 962 492	3 155 921	806 571	X
32121	Veneer, plywood, & engineered wood product mfg .....	2000.. 120 163	4 576 576	3 659 812	916 765	1
		1999.. 115 701	4 327 607	3 458 044	869 563	1
		1998.. 112 532	4 135 116	3 310 807	824 309	1
		1997.. 113 085	3 962 492	3 155 921	806 571	X
321211	Hardwood veneer & plywood mfg .....	2000.. 23 768	761 771	617 121	144 650	3
		1999.. 21 968	685 089	556 315	128 773	3
		1998.. 21 236	681 111	550 599	130 512	3
		1997.. 22 029	647 571	523 831	123 740	X
321212	Softwood veneer & plywood mfg .....	2000.. 27 573	1 175 892	911 219	264 674	1
		1999.. 25 793	1 107 613	861 335	246 278	1
		1998.. 26 219	1 093 920	859 116	234 804	2
		1997.. 28 435	1 147 624	895 756	251 868	X
321213	Engineered wood member (except truss) mfg ..	2000.. 5 709	241 354	185 192	56 162	4
		1999.. 5 884	249 931	192 765	57 165	4
		1998.. 5 811	225 156	173 489	51 667	1
		1997.. 5 372	197 980	154 564	43 416	X
321214	Truss mfg .....	2000.. 38 595	1 288 499	1 083 406	205 092	3
		1999.. 37 649	1 206 770	1 009 567	197 203	2
		1998.. 34 661	1 099 815	920 735	179 080	3
		1997.. 32 069	943 512	784 839	158 673	X
321219	Reconstituted wood product mfg .....	2000.. 24 517	1 109 060	862 874	246 186	1
		1999.. 24 408	1 078 205	838 062	240 143	1
		1998.. 24 605	1 035 114	806 868	228 246	1
		1997.. 25 180	1 025 805	796 931	228 874	X
3219	Other wood product mfg .....	2000.. 336 356	10 630 193	8 827 917	1 802 276	3
		1999.. 342 686	10 750 453	8 898 358	1 852 096	1
		1998.. 337 240	10 094 610	8 325 804	1 768 806	1
		1997.. 326 014	9 359 537	7 684 724	1 674 813	X
32191	Millwork .....	2000.. 151 648	5 139 800	4 227 762	912 037	5
		1999.. 151 659	5 019 454	4 101 319	918 135	2
		1998.. 145 125	4 534 991	3 696 253	838 738	1
		1997.. 140 506	4 237 561	3 434 757	802 804	X
321911	Wood window & door mfg .....	2000.. 68 305	2 605 261	2 133 736	471 525	9
		1999.. 69 473	2 593 791	2 107 860	485 931	3
		1998.. 66 817	2 278 688	1 877 279	401 409	1
		1997.. 63 806	2 093 069	1 702 872	390 197	X
321912	Cut stock, resawing lumber, & planing .....	2000.. 41 803	1 253 032	1 029 994	223 038	3
		1999.. 41 561	1 212 768	989 376	223 392	2
		1998.. 39 744	1 149 968	918 608	231 360	4
		1997.. 39 205	1 092 922	878 081	214 841	X
321918	Other millwork (including flooring) .....	2000.. 41 540	1 281 507	1 064 032	217 475	2
		1999.. 40 626	1 212 895	1 004 083	208 812	3
		1998.. 38 564	1 106 336	900 366	205 970	1
		1997.. 37 495	1 051 570	853 804	197 766	X
32192	Wood container & pallet mfg .....	2000.. 51 311	1 309 659	1 122 605	187 053	2
		1999.. 49 899	1 240 125	1 062 422	177 703	2
		1998.. 52 564	1 215 702	1 033 297	182 404	1
		1997.. 51 173	1 148 114	971 865	176 249	X
321920	Wood container & pallet mfg .....	2000.. 51 311	1 309 659	1 122 605	187 053	2
		1999.. 49 899	1 240 125	1 062 422	177 703	2
		1998.. 52 564	1 215 702	1 033 297	182 404	1
		1997.. 51 173	1 148 114	971 865	176 249	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
321	Wood product mfg—Con.					
3219	Other wood product mfg—Con.					
32199	All other wood product mfg .....	2000.. 133 398	4 180 735	3 477 549	703 185	1
		1999.. 141 129	4 490 874	3 734 616	756 258	1
		1998.. 139 551	4 343 917	3 596 254	747 664	1
		1997.. 134 335	3 973 862	3 278 102	695 760	X
321991	Manufactured home (mobile home) mfg .....	2000.. 62 104	2 006 971	1 679 914	327 057	1
		1999.. 71 747	2 389 983	1 995 956	394 027	2
		1998.. 71 424	2 403 096	2 005 262	397 835	1
		1997.. 67 470	2 131 242	1 771 302	359 940	X
321992	Prefabricated wood building mfg .....	2000.. 26 363	895 927	748 492	147 435	3
		1999.. 25 612	841 151	704 775	136 376	3
		1998.. 23 579	757 519	624 900	132 619	3
		1997.. 23 187	714 722	592 344	122 378	X
321999	All other miscellaneous wood product mfg .....	2000.. 44 931	1 277 837	1 049 143	228 694	2
		1999.. 43 769	1 259 740	1 033 885	225 855	2
		1998.. 44 548	1 183 302	966 092	217 210	1
		1997.. 43 678	1 127 898	914 456	213 442	X
322	Paper mfg .....	2000.. 551 560	28 516 374	22 818 930	5 697 444	1
		1999.. 560 662	28 472 010	22 837 400	5 634 610	1
		1998.. 572 371	28 237 942	22 529 483	5 708 459	1
		1997.. 574 274	27 902 123	22 311 971	5 590 152	X
3221	Pulp, paper, & paperboard mills .....	2000.. 181 917	12 107 438	9 569 676	2 537 763	1
		1999.. 187 518	12 281 216	9 759 270	2 521 945	1
		1998.. 195 053	12 359 654	9 785 963	2 573 692	1
		1997.. 201 540	12 488 726	10 001 730	2 486 996	X
32211	Pulp mills .....	2000.. 7 337	536 121	411 307	124 813	1
		1999.. 7 311	504 612	389 985	114 627	1
		1998.. 7 433	505 743	397 165	108 578	1
		1997.. 8 048	523 928	417 689	106 239	X
322110	Pulp mills .....	2000.. 7 337	536 121	411 307	124 813	1
		1999.. 7 311	504 612	389 985	114 627	1
		1998.. 7 433	505 743	397 165	108 578	1
		1997.. 8 048	523 928	417 689	106 239	X
32212	Paper mills .....	2000.. 123 663	8 177 546	6 463 416	1 714 129	1
		1999.. 129 011	8 406 848	6 688 680	1 718 168	1
		1998.. 133 939	8 466 782	6 675 971	1 790 811	2
		1997.. 138 985	8 634 089	6 915 579	1 718 510	X
322121	Paper (except newsprint) mills .....	2000.. 113 346	7 405 257	5 861 222	1 544 035	1
		1999.. 117 721	7 593 785	6 062 652	1 531 133	1
		1998.. 121 298	7 581 050	5 973 936	1 607 114	2
		1997.. 125 935	7 735 327	6 197 015	1 538 312	X
322122	Newsprint mills .....	2000.. 10 317	772 289	602 195	170 094	2
		1999.. 11 291	813 062	626 027	187 035	1
		1998.. 12 641	885 732	702 035	183 697	1
		1997.. 13 050	898 762	718 564	180 198	X
32213	Paperboard mills .....	2000.. 50 918	3 393 772	2 694 952	698 821	1
		1999.. 51 196	3 369 756	2 680 605	689 151	1
		1998.. 53 681	3 387 129	2 712 826	674 302	1
		1997.. 54 507	3 330 709	2 668 462	662 247	X
322130	Paperboard mills .....	2000.. 50 918	3 393 772	2 694 952	698 821	1
		1999.. 51 196	3 369 756	2 680 605	689 151	1
		1998.. 53 681	3 387 129	2 712 826	674 302	1
		1997.. 54 507	3 330 709	2 668 462	662 247	X
3222	Converted paper product mfg .....	2000.. 369 642	16 408 936	13 249 255	3 159 681	1
		1999.. 373 144	16 190 794	13 078 130	3 112 664	1
		1998.. 377 317	15 878 288	12 743 521	3 134 767	1
		1997.. 372 734	15 413 397	12 310 241	3 103 156	X
32221	Paperboard container mfg .....	2000.. 212 537	9 474 106	7 669 379	1 804 727	1
		1999.. 211 488	9 290 107	7 530 283	1 759 825	1
		1998.. 211 799	9 013 729	7 251 137	1 762 593	1
		1997.. 207 346	8 695 893	6 939 598	1 756 295	X
322211	Corrugated & solid fiber box mfg .....	2000.. 134 521	6 056 536	4 917 573	1 138 963	1
		1999.. 132 517	5 892 903	4 799 280	1 093 622	1
		1998.. 129 387	5 545 566	4 475 762	1 069 804	2
		1997.. 124 641	5 313 757	4 260 630	1 053 127	X
322212	Folding paperboard box mfg .....	2000.. 47 063	2 230 175	1 798 820	431 355	2
		1999.. 47 584	2 188 683	1 759 206	429 477	1
		1998.. 50 798	2 254 230	1 794 138	460 092	2
		1997.. 50 465	2 217 943	1 745 178	472 765	X
322213	Setup paperboard box mfg .....	2000.. 5 688	174 179	147 817	26 361	11
		1999.. 5 345	159 243	135 096	24 147	4
		1998.. S	S	S	S	X
		1997.. 6 033	171 355	142 263	29 092	X
322214	Fiber can, tube, drum, & similar products mfg ..	2000.. 11 378	476 168	381 291	94 877	4
		1999.. 11 787	504 767	403 757	101 010	3
		1998.. 11 311	475 510	376 801	98 709	1
		1997.. 11 498	451 627	355 517	96 110	X
322215	Nonfolding sanitary food container mfg .....	2000.. 13 886	537 048	423 877	113 170	3
		1999.. 14 254	544 511	432 943	111 568	3
		1998.. 14 701	547 839	447 284	100 555	7
		1997.. 14 709	541 211	436 010	105 201	X

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**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—	
		All employees	Total	Payroll	Total fringe benefits		
							A
322	Paper mfg—Con.						
3222	Converted paper product mfg—Con.						
32222	Paper bag & coated & treated paper mfg . . . . .	2000 . . . . .	70 614	3 350 133	2 678 470	671 663	2
		1999 . . . . .	72 312	3 388 375	2 706 515	681 861	1
		1998 . . . . .	75 290	3 395 933	2 699 017	696 916	1
		1997 . . . . .	75 370	3 322 114	2 624 531	697 583	X
322221	Coated & laminated packaging paper & plastics film mfg . . . . .	2000 . . . . .	5 897	269 683	215 348	54 336	4
		1999 . . . . .	5 864	258 599	205 744	52 854	2
		1998 . . . . .	4 974	221 896	175 342	46 554	4
		1997 . . . . .	5 385	232 666	183 786	48 880	X
322222	Coated & laminated paper mfg . . . . .	2000 . . . . .	38 824	1 963 928	1 582 849	381 080	2
		1999 . . . . .	40 101	1 987 131	1 601 254	385 877	2
		1998 . . . . .	41 548	1 980 333	1 584 975	395 358	1
		1997 . . . . .	41 550	1 957 063	1 552 642	404 421	X
322223	Plastics, foil, & coated paper bag mfg . . . . .	2000 . . . . .	2 389	99 428	81 362	18 066	4
		1999 . . . . .	2 626	108 793	88 085	20 708	3
		1998 . . . . .	3 129	120 287	96 131	24 156	1
		1997 . . . . .	2 991	120 648	94 810	25 838	X
322224	Uncoated paper & multiwall bag mfg . . . . .	2000 . . . . .	15 766	610 049	482 702	127 346	3
		1999 . . . . .	15 878	610 238	482 804	127 435	2
		1998 . . . . .	17 119	617 523	490 330	127 193	1
		1997 . . . . .	16 808	586 530	461 405	125 125	X
322225	Laminated aluminum foil mfg for flexible packaging uses . . . . .	2000 . . . . .	4 504	267 451	205 281	62 171	3
		1999 . . . . .	4 751	277 117	210 317	66 800	2
		1998 . . . . .	5 241	301 810	228 700	73 110	2
		1997 . . . . .	5 342	269 569	205 766	63 803	X
322226	Surface-coated paperboard mfg . . . . .	2000 . . . . .	3 234	139 593	110 929	28 665	4
		1999 . . . . .	3 092	146 497	118 311	28 187	5
		1998 . . . . .	3 280	154 085	123 539	30 546	1
		1997 . . . . .	3 294	155 638	126 122	29 516	X
32223	Stationery product mfg . . . . .	2000 . . . . .	46 831	1 859 723	1 498 748	360 976	2
		1999 . . . . .	47 881	1 796 096	1 445 464	350 632	1
		1998 . . . . .	48 245	1 721 937	1 388 770	333 167	2
		1997 . . . . .	47 750	1 697 154	1 375 317	321 837	X
322231	Die-cut paper & paperboard office supplies mfg . . . . .	2000 . . . . .	13 352	486 766	399 614	87 152	7
		1999 . . . . .	13 859	479 259	386 228	93 032	4
		1998 . . . . .	13 194	434 903	347 777	87 125	2
		1997 . . . . .	12 552	422 596	337 559	85 037	X
322232	Envelope mfg . . . . .	2000 . . . . .	25 208	1 062 675	852 700	209 976	2
		1999 . . . . .	25 428	1 005 818	812 952	192 866	1
		1998 . . . . .	26 362	999 326	807 908	191 418	4
		1997 . . . . .	25 981	981 010	796 765	184 245	X
322233	Stationery, tablet, & related product mfg . . . . .	2000 . . . . .	8 271	310 282	246 435	63 847	4
		1999 . . . . .	8 594	311 019	246 285	64 734	3
		1998 . . . . .	8 689	287 708	233 085	54 623	2
		1997 . . . . .	9 217	293 548	240 993	52 555	X
32229	Other converted paper product mfg . . . . .	2000 . . . . .	39 661	1 724 974	1 402 658	322 316	3
		1999 . . . . .	41 463	1 716 216	1 395 868	320 347	3
		1998 . . . . .	41 983	1 746 689	1 404 597	342 092	1
		1997 . . . . .	42 268	1 698 236	1 370 795	327 441	X
322291	Sanitary paper product mfg . . . . .	2000 . . . . .	15 431	756 439	609 088	147 352	4
		1999 . . . . .	16 233	783 243	630 570	152 673	4
		1998 . . . . .	18 864	916 103	730 945	185 158	1
		1997 . . . . .	18 360	844 755	680 102	164 653	X
322299	All other converted paper product mfg . . . . .	2000 . . . . .	24 230	968 535	793 570	174 965	4
		1999 . . . . .	25 230	932 973	765 299	167 674	4
		1998 . . . . .	23 119	830 587	673 652	156 934	3
		1997 . . . . .	23 908	853 481	690 693	162 788	X
323	Printing & related support activities . . . . .	2000 . . . . .	830 379	33 160 498	28 060 096	5 100 402	1
		1999 . . . . .	835 053	32 467 776	27 329 098	5 138 678	1
		1998 . . . . .	843 254	32 032 226	26 846 805	5 185 421	1
		1997 . . . . .	834 404	31 148 808	26 022 991	5 125 817	X
3231	Printing & related support activities . . . . .	2000 . . . . .	830 379	33 160 498	28 060 096	5 100 402	1
		1999 . . . . .	835 053	32 467 776	27 329 098	5 138 678	1
		1998 . . . . .	843 254	32 032 226	26 846 805	5 185 421	1
		1997 . . . . .	834 404	31 148 808	26 022 991	5 125 817	X
32311	Printing . . . . .	2000 . . . . .	752 456	29 958 325	25 297 279	4 661 046	2
		1999 . . . . .	756 706	29 270 633	24 593 588	4 677 045	1
		1998 . . . . .	760 983	28 692 273	24 001 590	4 690 682	1
		1997 . . . . .	751 027	27 877 920	23 250 806	4 627 114	X
323110	Commercial lithographic printing . . . . .	2000 . . . . .	416 547	17 525 640	14 938 277	2 587 363	3
		1999 . . . . .	417 693	17 273 043	14 635 024	2 638 019	2
		1998 . . . . .	422 579	16 986 579	14 356 414	2 630 165	1
		1997 . . . . .	413 680	16 298 706	13 708 665	2 590 041	X
323111	Commercial gravure printing . . . . .	2000 . . . . .	21 892	1 022 843	820 793	202 050	2
		1999 . . . . .	21 879	999 745	798 999	200 745	1
		1998 . . . . .	23 116	1 026 261	827 300	198 961	1
		1997 . . . . .	23 126	995 201	802 731	192 470	X
323112	Commercial flexographic printing . . . . .	2000 . . . . .	32 991	1 468 450	1 230 342	238 108	2
		1999 . . . . .	32 056	1 336 115	1 117 035	219 080	2
		1998 . . . . .	30 733	1 278 879	1 061 921	216 958	2
		1997 . . . . .	30 348	1 239 829	1 027 927	211 902	X
323113	Commercial screen printing . . . . .	2000 . . . . .	68 829	2 194 289	1 874 924	319 365	3
		1999 . . . . .	69 007	2 099 168	1 771 047	328 121	2
		1998 . . . . .	70 835	2 042 938	1 705 381	337 557	2
		1997 . . . . .	72 479	2 071 383	1 731 971	339 412	X

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
323	Printing & related support activities—Con.					
3231	Printing & related support activities—Con.					
32311	Printing—Con.					
323114	Quick printing .....	2000.. 55 291	1 753 031	1 497 884	255 148	4
		1999.. 56 264	1 680 315	1 429 309	251 006	2
		1998.. 52 954	1 532 984	1 299 726	233 258	1
		1997.. 52 069	1 475 034	1 248 931	226 103	X
323115	Digital printing .....	2000.. 5 984	222 376	189 095	33 281	5
		1999.. 5 216	186 248	158 539	27 708	5
		1998.. 4 582	155 391	130 574	24 817	3
		1997.. 4 222	145 678	122 560	23 118	X
323116	Manifold business form printing .....	2000.. 49 525	1 976 843	1 593 532	383 312	2
		1999.. 52 911	1 978 776	1 592 743	386 032	2
		1998.. 54 721	2 045 959	1 640 299	405 660	4
		1997.. 55 884	2 079 125	1 678 053	401 072	X
323117	Book printing .....	2000.. 50 501	2 026 889	1 670 455	356 434	2
		1999.. 50 518	2 008 840	1 659 177	349 663	2
		1998.. 49 453	1 901 956	1 549 499	352 457	1
		1997.. 49 047	1 873 428	1 530 539	342 889	X
323118	Blankbook, looseleaf binder, & device mfg.....	2000.. 15 693	597 138	487 533	109 605	4
		1999.. 16 781	604 261	493 852	110 409	4
		1998.. 17 485	644 229	522 868	121 361	2
		1997.. 17 565	623 967	496 481	127 486	X
323119	Other commercial printing .....	2000.. 35 204	1 170 825	994 445	176 380	5
		1999.. 34 381	1 104 124	937 862	166 262	5
		1998.. 34 524	1 077 098	907 607	169 491	3
		1997.. 32 607	1 075 569	902 948	172 621	X
32312	Support activities for printing .....	2000.. 77 922	3 202 173	2 762 817	439 356	3
		1999.. 78 347	3 197 143	2 735 510	461 633	3
		1998.. 82 271	3 339 953	2 845 214	494 739	2
		1997.. 83 377	3 270 888	2 772 185	498 703	X
323121	Tradebinding & related work .....	2000.. 31 967	990 609	862 610	127 998	6
		1999.. 30 582	947 700	813 813	133 887	4
		1998.. 30 982	931 702	797 864	133 838	2
		1997.. 30 831	886 915	755 060	131 855	X
323122	Prepress services .....	2000.. 45 956	2 211 565	1 900 207	311 357	4
		1999.. 47 765	2 249 444	1 921 697	327 747	3
		1998.. 51 289	2 408 251	2 047 350	360 901	3
		1997.. 52 546	2 383 973	2 017 125	366 848	X
324	Petroleum & coal products mfg .....	2000.. 101 201	7 100 234	5 619 048	1 481 186	1
		1999.. 103 407	7 111 302	5 613 124	1 498 178	1
		1998.. 107 980	7 220 262	5 678 001	1 542 260	1
		1997.. 107 625	7 125 300	5 546 082	1 579 218	X
3241	Petroleum & coal products mfg .....	2000.. 101 201	7 100 234	5 619 048	1 481 186	1
		1999.. 103 407	7 111 302	5 613 124	1 498 178	1
		1998.. 107 980	7 220 262	5 678 001	1 542 260	1
		1997.. 107 625	7 125 300	5 546 082	1 579 218	X
32411	Petroleum refineries .....	2000.. 62 229	5 076 678	3 994 893	1 081 785	1
		1999.. 63 619	5 086 654	3 983 102	1 103 553	1
		1998.. 64 920	5 084 300	3 964 664	1 119 637	1
		1997.. 65 448	5 035 389	3 884 869	1 150 520	X
324110	Petroleum refineries .....	2000.. 62 229	5 076 678	3 994 893	1 081 785	1
		1999.. 63 619	5 086 654	3 983 102	1 103 553	1
		1998.. 64 920	5 084 300	3 964 664	1 119 637	1
		1997.. 65 448	5 035 389	3 884 869	1 150 520	X
32412	Asphalt paving, roofing, & saturated materials mfg .....	2000.. 25 430	1 282 855	1 028 354	254 502	2
		1999.. 26 156	1 308 134	1 049 669	258 465	2
		1998.. 27 962	1 359 721	1 095 663	264 059	1
		1997.. 27 301	1 319 492	1 059 768	259 724	X
324121	Asphalt paving mixture & block mfg .....	2000.. 12 742	661 100	524 909	136 191	3
		1999.. 13 188	665 493	532 740	132 753	3
		1998.. 14 660	705 880	572 980	132 900	2
		1997.. 13 946	695 135	560 441	134 694	X
324122	Asphalt shingle & coating materials mfg .....	2000.. 12 688	621 755	503 444	118 311	2
		1999.. 12 969	642 641	516 929	125 712	1
		1998.. 13 302	653 842	522 682	131 159	1
		1997.. 13 355	624 357	499 327	125 030	X
32419	Other petroleum & coal products mfg .....	2000.. 13 542	740 701	595 802	144 899	2
		1999.. 13 632	716 514	580 354	136 160	2
		1998.. 15 099	776 240	617 675	158 565	2
		1997.. 14 876	770 419	601 445	168 974	X
324191	Petroleum lubricating oil & grease mfg .....	2000.. 10 344	575 566	468 197	107 368	2
		1999.. 10 850	573 913	469 666	104 247	2
		1998.. 11 542	583 647	471 421	112 226	2
		1997.. 11 242	562 016	448 857	113 159	X
324199	All other petroleum & coal products mfg .....	2000.. 3 198	165 135	127 604	37 531	3
		1999.. 2 782	142 601	110 688	31 913	3
		1998.. 3 557	192 593	146 254	46 338	3
		1997.. 3 634	208 403	152 588	55 815	X
325	Chemical mfg .....	2000.. 889 683	54 773 280	43 710 981	11 062 299	1
		1999.. 885 695	53 598 901	42 643 928	10 954 973	1
		1998.. 895 452	52 362 174	41 581 035	10 781 138	1
		1997.. 882 645	50 310 027	39 835 717	10 474 310	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
325	Chemical mfg—Con.					
3251	Basic chemical mfg.....	2000.. 192 765	13 529 267	10 644 116	2 885 151	1
		1999.. 196 568	13 479 071	10 504 759	2 974 312	1
		1998.. 202 185	13 345 828	10 498 422	2 847 405	1
		1997.. 200 766	13 091 426	10 290 943	2 800 483	X
32511	Petrochemical mfg.....	2000.. 11 344	917 517	712 762	204 755	1
		1999.. 11 762	947 280	718 135	229 145	1
		1998.. 10 377	831 146	646 692	184 454	1
		1997.. 10 192	813 832	620 132	193 700	X
325110	Petrochemical mfg.....	2000.. 11 344	917 517	712 762	204 755	1
		1999.. 11 762	947 280	718 135	229 145	1
		1998.. 10 377	831 146	646 692	184 454	1
		1997.. 10 192	813 832	620 132	193 700	X
32512	Industrial gas mfg.....	2000.. 12 133	754 955	572 889	182 065	2
		1999.. 11 901	751 180	575 695	175 485	3
		1998.. 12 548	748 486	581 876	166 610	1
		1997.. 12 636	746 006	579 853	166 153	X
325120	Industrial gas mfg.....	2000.. 12 133	754 955	572 889	182 065	2
		1999.. 11 901	751 180	575 695	175 485	3
		1998.. 12 548	748 486	581 876	166 610	1
		1997.. 12 636	746 006	579 853	166 153	X
32513	Dye & pigment mfg.....	2000.. 17 669	1 077 679	856 423	221 255	3
		1999.. 17 078	1 020 520	801 761	218 758	4
		1998.. 16 964	991 127	780 322	210 805	2
		1997.. 17 318	1 000 621	782 624	217 997	X
325131	Inorganic dye & pigment mfg.....	2000.. 8 311	549 043	432 886	116 157	6
		1999.. 8 205	532 832	411 860	120 972	5
		1998.. 8 524	509 845	401 354	108 492	1
		1997.. 8 629	505 276	394 603	110 673	X
325132	Synthetic organic dye & pigment mfg.....	2000.. 9 358	528 636	423 537	105 098	3
		1999.. 8 872	487 688	389 901	97 787	5
		1998.. 8 440	481 281	378 968	102 313	3
		1997.. 8 689	495 345	388 021	107 324	X
32518	Other basic inorganic chemical mfg.....	2000.. 56 898	3 952 857	3 087 797	865 060	1
		1999.. 59 978	4 078 278	3 123 242	955 036	1
		1998.. 62 784	4 061 554	3 186 819	874 734	1
		1997.. 60 055	3 779 753	2 971 865	807 888	X
325181	Alkalies & chlorine mfg.....	2000.. 4 846	370 276	291 928	78 348	1
		1999.. 4 878	350 769	277 595	73 174	1
		1998.. 4 899	349 193	279 018	70 175	1
		1997.. 4 859	339 677	272 779	66 898	X
325182	Carbon black mfg.....	2000.. 1 860	123 831	99 159	24 672	2
		1999.. 1 875	119 791	97 813	21 978	2
		1998.. 1 732	119 927	93 012	26 915	1
		1997.. 1 769	117 458	90 694	26 764	X
325188	All other basic inorganic chemical mfg.....	2000.. 50 192	3 458 750	2 696 710	762 040	1
		1999.. 53 225	3 607 717	2 747 833	859 884	1
		1998.. 56 153	3 592 434	2 814 789	777 645	1
		1997.. 53 427	3 322 618	2 608 392	714 226	X
32519	Other basic organic chemical mfg.....	2000.. 94 722	6 826 260	5 414 244	1 412 016	1
		1999.. 95 850	6 681 814	5 285 926	1 395 888	1
		1998.. 99 512	6 713 515	5 302 713	1 410 802	1
		1997.. 100 565	6 751 214	5 336 469	1 414 745	X
325191	Gum & wood chemical mfg.....	2000.. 2 216	116 554	90 668	25 886	1
		1999.. 2 494	121 694	96 807	24 887	1
		1998.. 2 486	115 501	93 987	21 515	1
		1997.. 2 261	104 809	84 253	20 556	X
325192	Cyclic crude & intermediate mfg.....	2000.. 8 320	699 423	544 406	155 017	2
		1999.. 8 280	651 378	504 356	147 022	1
		1998.. 8 557	602 648	463 580	139 068	1
		1997.. 8 641	605 172	467 132	138 040	X
325193	Ethyl alcohol mfg.....	2000.. 1 649	85 373	67 082	18 291	4
		1999.. 1 720	83 574	64 950	18 624	4
		1998.. 1 542	78 048	60 133	17 915	6
		1997.. 1 503	74 633	58 421	16 212	X
325199	All other basic organic chemical mfg.....	2000.. 82 537	5 924 910	4 712 088	1 212 822	1
		1999.. 83 356	5 825 168	4 619 814	1 205 355	1
		1998.. 86 927	5 917 318	4 685 013	1 232 304	1
		1997.. 88 160	5 966 600	4 726 663	1 239 937	X
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg.....	2000.. 107 256	7 151 240	5 566 244	1 584 996	1
		1999.. 109 409	7 303 734	5 618 019	1 685 715	1
		1998.. 114 427	7 163 532	5 509 683	1 653 849	1
		1997.. 115 691	7 029 436	5 397 924	1 631 512	X
32521	Resin & synthetic rubber mfg.....	2000.. 74 431	5 350 637	4 214 132	1 136 505	2
		1999.. 73 499	5 304 618	4 112 604	1 192 014	1
		1998.. 73 701	5 024 666	3 893 560	1 131 107	1
		1997.. 73 804	4 903 377	3 788 883	1 114 494	X
325211	Plastics material & resin mfg.....	2000.. 63 793	4 583 244	3 620 030	963 214	2
		1999.. 62 287	4 505 254	3 499 089	1 006 165	1
		1998.. 62 789	4 243 548	3 297 106	946 442	1
		1997.. 61 632	4 068 330	3 160 542	907 788	X
325212	Synthetic rubber mfg.....	2000.. 10 638	767 393	594 102	173 291	3
		1999.. 11 212	799 364	613 516	185 848	3
		1998.. 10 912	781 118	596 454	184 664	1
		1997.. 12 172	835 047	628 341	206 706	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
325	Chemical mfg—Con.					
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg—Con.					
32522	Artificial & synthetic fibers & filaments mfg . . . . .	2000.. 32 825	1 800 603	1 352 112	448 491	1
		1999.. 35 910	1 999 116	1 505 414	493 702	1
		1998.. 40 726	2 138 866	1 616 123	522 743	1
		1997.. 41 887	2 126 059	1 609 041	517 018	X
325221	Cellulosic organic fiber mfg . . . . .	2000.. 2 098	111 979	81 076	30 903	1
		1999.. 3 187	168 256	122 877	45 379	1
		1998.. 4 055	198 848	147 082	51 766	1
		1997.. 4 802	236 905	174 879	62 026	X
325222	Noncellulosic organic fiber mfg . . . . .	2000.. 30 727	1 688 624	1 271 036	417 588	1
		1999.. 32 724	1 830 860	1 382 537	448 323	1
		1998.. 36 671	1 940 018	1 469 041	470 977	1
		1997.. 37 085	1 889 154	1 434 162	454 992	X
3253	Pesticide, fertilizer, & other agricultural chemical mfg . . . . .	2000.. 35 855	2 064 299	1 652 097	412 202	2
		1999.. 36 673	2 039 072	1 629 486	409 586	2
		1998.. 37 437	1 956 547	1 557 357	399 190	2
		1997.. 37 123	1 902 960	1 515 969	386 991	X
32531	Fertilizer mfg . . . . .	2000.. 22 019	1 190 174	959 989	230 185	2
		1999.. 22 971	1 198 539	963 321	235 218	2
		1998.. 23 140	1 136 984	911 851	225 133	3
		1997.. 23 150	1 091 982	880 977	211 005	X
325311	Nitrogenous fertilizer mfg . . . . .	2000.. 5 252	330 918	274 175	56 743	4
		1999.. 5 292	319 277	262 548	56 728	4
		1998.. 5 204	360 193	295 207	64 987	2
		1997.. 5 811	346 127	286 132	59 995	X
325312	Phosphatic fertilizer mfg . . . . .	2000.. 7 497	489 411	374 013	115 398	1
		1999.. 8 682	527 038	411 189	115 849	1
		1998.. 8 565	469 346	364 007	105 339	7
		1997.. 8 482	456 266	357 905	98 361	X
325314	Fertilizer (mixing only) mfg . . . . .	2000.. 9 270	369 845	311 800	58 045	6
		1999.. 8 996	352 224	289 584	62 641	5
		1998.. 9 371	307 445	252 637	54 808	1
		1997.. 8 857	289 589	236 940	52 649	X
32532	Pesticide & other agricultural chemical mfg . . . . .	2000.. 13 836	874 125	692 108	182 017	5
		1999.. 13 702	840 533	666 165	174 368	4
		1998.. 14 297	819 563	645 506	174 057	1
		1997.. 13 973	810 978	634 992	175 986	X
325320	Pesticide & other agricultural chemical mfg . . . . .	2000.. 13 836	874 125	692 108	182 017	5
		1999.. 13 702	840 533	666 165	174 368	4
		1998.. 14 297	819 563	645 506	174 057	1
		1997.. 13 973	810 978	634 992	175 986	X
3254	Pharmaceutical & medicine mfg . . . . .	2000.. 240 711	16 004 978	13 017 374	2 987 604	2
		1999.. 228 866	15 145 828	12 334 924	2 810 904	1
		1998.. 212 655	13 815 119	11 203 070	2 612 048	1
		1997.. 203 337	12 592 956	10 111 751	2 481 205	X
32541	Pharmaceutical & medicine mfg . . . . .	2000.. 240 711	16 004 978	13 017 374	2 987 604	2
		1999.. 228 866	15 145 828	12 334 924	2 810 904	1
		1998.. 212 655	13 815 119	11 203 070	2 612 048	1
		1997.. 203 337	12 592 956	10 111 751	2 481 205	X
325411	Medicinal & botanical mfg . . . . .	2000.. 21 582	1 446 234	1 198 417	247 816	8
		1999.. 21 351	1 404 183	1 146 762	257 421	8
		1998.. 30 023	2 127 927	1 728 518	399 409	1
		1997.. 27 764	1 881 055	1 530 029	351 026	X
325412	Pharmaceutical preparation mfg . . . . .	2000.. 155 602	10 098 191	8 227 945	1 870 246	3
		1999.. 145 697	9 637 993	7 878 039	1 759 954	1
		1998.. 117 707	7 505 552	6 085 472	1 420 081	1
		1997.. 114 119	6 888 097	5 522 283	1 365 814	X
325413	In-vitro diagnostic substance mfg . . . . .	2000.. 41 581	3 063 041	2 444 950	618 091	1
		1999.. 40 633	2 910 644	2 352 133	558 510	1
		1998.. 40 790	2 829 300	2 292 512	536 789	2
		1997.. 38 485	2 557 328	2 051 030	506 298	X
325414	Biological product (except diagnostic) mfg . . . . .	2000.. 21 947	1 397 513	1 146 062	251 451	4
		1999.. 21 185	1 193 009	957 990	235 019	4
		1998.. 24 134	1 352 340	1 096 569	255 770	1
		1997.. 22 969	1 266 476	1 008 409	258 067	X
3255	Paint, coating, & adhesive mfg . . . . .	2000.. 75 661	3 943 848	3 195 815	748 032	3
		1999.. 73 671	3 814 008	3 071 460	742 548	2
		1998.. 75 911	3 710 851	2 954 535	756 316	1
		1997.. 74 464	3 649 657	2 903 042	746 615	X
32551	Paint & coating mfg . . . . .	2000.. 52 867	2 716 793	2 215 998	500 795	3
		1999.. 51 114	2 642 690	2 139 169	503 521	2
		1998.. 53 876	2 622 845	2 099 770	523 075	2
		1997.. 52 772	2 595 113	2 071 651	523 462	X
325510	Paint & coating mfg . . . . .	2000.. 52 867	2 716 793	2 215 998	500 795	3
		1999.. 51 114	2 642 690	2 139 169	503 521	2
		1998.. 53 876	2 622 845	2 099 770	523 075	2
		1997.. 52 772	2 595 113	2 071 651	523 462	X
32552	Adhesive mfg . . . . .	2000.. 22 794	1 227 055	979 817	247 237	6
		1999.. 22 556	1 171 319	932 291	239 027	7
		1998.. 22 035	1 088 006	854 765	233 241	1
		1997.. 21 692	1 054 544	831 391	223 153	X
325520	Adhesive mfg . . . . .	2000.. 22 794	1 227 055	979 817	247 237	6
		1999.. 22 556	1 171 319	932 291	239 027	7
		1998.. 22 035	1 088 006	854 765	233 241	1
		1997.. 21 692	1 054 544	831 391	223 153	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
325	Chemical mfg—Con.					
3256	Soap, cleaning compound, & toilet preparation mfg					
	..... 2000..	119 705	5 744 992	4 532 171	1 212 820	2
	..... 1999..	118 677	5 537 850	4 405 558	1 132 292	1
	..... 1998..	130 672	5 979 033	4 742 716	1 236 317	1
	..... 1997..	126 446	5 735 489	4 567 517	1 167 972	X
32561	Soap & cleaning compound mfg					
	..... 2000..	53 239	2 733 037	2 164 472	568 565	2
	..... 1999..	54 784	2 746 582	2 186 716	559 866	2
	..... 1998..	63 852	3 136 352	2 495 332	641 020	2
	..... 1997..	62 479	3 080 208	2 454 050	626 158	X
325611	Soap & other detergent mfg					
	..... 2000..	24 084	1 254 366	983 185	271 181	2
	..... 1999..	24 069	1 263 212	989 838	273 374	2
	..... 1998..	30 771	1 603 081	1 265 897	337 185	4
	..... 1997..	31 052	1 603 152	1 268 061	335 091	X
325612	Polish & other sanitation good mfg					
	..... 2000..	20 357	920 516	730 210	190 305	3
	..... 1999..	21 093	912 230	732 577	179 653	3
	..... 1998..	23 633	932 030	750 814	181 216	2
	..... 1997..	21 985	896 799	724 411	172 388	X
325613	Surface active agent mfg					
	..... 2000..	8 799	558 156	451 076	107 080	4
	..... 1999..	9 622	571 140	464 301	106 839	5
	..... 1998..	9 448	601 241	478 621	122 619	1
	..... 1997..	9 442	580 257	461 578	118 679	X
32562	Toilet preparation mfg					
	..... 2000..	66 466	3 011 955	2 367 700	644 255	3
	..... 1999..	63 893	2 791 268	2 218 842	572 425	2
	..... 1998..	66 820	2 842 681	2 247 384	595 297	2
	..... 1997..	63 967	2 655 281	2 113 467	541 814	X
325620	Toilet preparation mfg					
	..... 2000..	66 466	3 011 955	2 367 700	644 255	3
	..... 1999..	63 893	2 791 268	2 218 842	572 425	2
	..... 1998..	66 820	2 842 681	2 247 384	595 297	2
	..... 1997..	63 967	2 655 281	2 113 467	541 814	X
3259	Other chemical product mfg					
	..... 2000..	117 729	6 334 657	5 103 164	1 231 493	1
	..... 1999..	121 832	6 279 338	5 079 722	1 199 616	1
	..... 1998..	122 165	6 391 265	5 115 253	1 276 013	1
	..... 1997..	124 818	6 308 103	5 048 571	1 259 532	X
32591	Printing ink mfg					
	..... 2000..	13 317	700 197	568 350	131 847	3
	..... 1999..	13 904	725 484	590 734	134 750	2
	..... 1998..	13 429	673 518	542 350	131 168	4
	..... 1997..	13 196	638 825	509 564	129 261	X
325910	Printing ink mfg					
	..... 2000..	13 317	700 197	568 350	131 847	3
	..... 1999..	13 904	725 484	590 734	134 750	2
	..... 1998..	13 429	673 518	542 350	131 168	4
	..... 1997..	13 196	638 825	509 564	129 261	X
32592	Explosives mfg					
	..... 2000..	7 957	375 273	301 832	73 440	4
	..... 1999..	8 680	385 885	301 334	84 551	3
	..... 1998..	8 410	383 547	296 903	86 643	1
	..... 1997..	8 972	407 441	312 301	95 140	X
325920	Explosives mfg					
	..... 2000..	7 957	375 273	301 832	73 440	4
	..... 1999..	8 680	385 885	301 334	84 551	3
	..... 1998..	8 410	383 547	296 903	86 643	1
	..... 1997..	8 972	407 441	312 301	95 140	X
32599	All other chemical product & preparation mfg					
	..... 2000..	96 455	5 259 187	4 232 982	1 026 205	1
	..... 1999..	99 248	5 167 969	4 187 655	980 315	1
	..... 1998..	100 326	5 334 200	4 275 999	1 058 201	1
	..... 1997..	102 650	5 261 837	4 226 706	1 035 131	X
325991	Custom compounding of purchased resin					
	..... 2000..	28 003	1 311 774	1 054 198	257 576	2
	..... 1999..	26 960	1 238 461	990 222	248 239	2
	..... 1998..	27 415	1 244 045	986 948	257 097	1
	..... 1997..	27 664	1 221 881	969 961	251 920	X
325992	Photographic film, paper, plate, & chemical mfg					
	..... 2000..	30 888	1 958 742	1 581 160	377 583	1
	..... 1999..	34 466	2 053 086	1 696 597	356 489	1
	..... 1998..	35 751	2 215 794	1 788 536	427 258	1
	..... 1997..	39 090	2 265 000	1 836 912	428 088	X
325998	All other miscellaneous chemical product & preparation mfg					
	..... 2000..	37 565	1 988 671	1 597 624	391 047	2
	..... 1999..	37 822	1 876 422	1 500 835	375 587	2
	..... 1998..	37 160	1 874 361	1 500 515	373 846	1
	..... 1997..	35 896	1 774 956	1 419 833	355 123	X
326	Plastics & rubber products mfg					
	..... 2000..	1 088 314	42 649 555	34 091 295	8 558 260	1
	..... 1999..	1 070 078	41 007 858	32 733 060	8 274 798	1
	..... 1998..	1 040 446	39 057 484	31 027 376	8 030 108	1
	..... 1997..	1 023 060	37 564 944	29 804 904	7 760 040	X
3261	Plastics product mfg					
	..... 2000..	876 848	32 696 147	26 575 601	6 120 546	1
	..... 1999..	860 536	31 397 246	25 505 540	5 891 706	1
	..... 1998..	835 558	29 840 272	24 096 922	5 743 350	1
	..... 1997..	820 707	28 648 749	23 029 570	5 619 179	X
32611	Unsupported plastics film, sheet, & bag mfg					
	..... 2000..	112 841	4 955 570	3 989 622	965 948	1
	..... 1999..	111 130	4 817 863	3 869 000	948 863	1
	..... 1998..	109 821	4 624 430	3 698 205	926 225	1
	..... 1997..	110 292	4 573 724	3 646 537	927 187	X
326111	Unsupported plastics bag mfg					
	..... 2000..	40 196	1 559 880	1 271 341	288 539	1
	..... 1999..	41 189	1 558 506	1 269 848	288 658	1
	..... 1998..	41 169	1 493 524	1 211 123	282 401	2
	..... 1997..	40 671	1 443 018	1 168 260	274 758	X
326112	Unsupported plastics packaging film & sheet mfg					
	..... 2000..	17 235	815 507	649 956	165 551	3
	..... 1999..	16 447	755 804	605 225	150 579	2
	..... 1998..	15 288	708 776	567 022	141 754	3
	..... 1997..	15 428	683 465	550 628	132 837	X

See footnotes at end of table.



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NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
326	Plastics & rubber products mfg—Con.					
3261	Plastics product mfg—Con.					
32611	Unsupported plastics film, sheet, & bag mfg—Con.					
326113	Unsupported plastics film & sheet (except packaging) mfg .....	2000.. 55 410	2 580 183	2 068 325	511 858	2
		1999.. 53 494	2 503 553	1 993 927	509 626	2
		1998.. 53 364	2 422 130	1 920 060	502 070	1
		1997.. 54 193	2 447 241	1 927 649	519 592	X
32612	Plastics pipe, pipe fitting, & unsupported profile shape mfg .....	2000.. 53 684	2 199 612	1 808 608	391 004	2
		1999.. 48 695	1 862 165	1 529 688	332 478	2
		1998.. 47 864	1 844 919	1 490 807	354 112	2
		1997.. 47 419	1 756 321	1 409 531	346 790	X
326121	Unsupported plastics profile shape mfg .....	2000.. 30 614	1 342 939	1 103 363	239 576	3
		1999.. 27 053	1 068 736	878 771	189 965	3
		1998.. 27 657	1 083 152	866 589	216 563	4
		1997.. 27 449	1 068 172	857 876	210 296	X
326122	Plastics pipe & pipe fitting mfg .....	2000.. 23 071	856 672	705 245	151 427	3
		1999.. 21 642	793 429	650 916	142 513	4
		1998.. 20 207	761 768	624 218	137 550	2
		1997.. 19 970	688 149	551 655	136 494	X
32613	Laminated plastics plate, sheet, & shape mfg .....	2000.. 15 916	698 424	556 860	141 563	3
		1999.. 14 832	666 239	534 730	131 510	2
		1998.. 15 689	679 861	542 124	137 737	3
		1997.. 16 517	702 570	545 933	156 637	X
326130	Laminated plastics plate, sheet, & shape mfg ..	2000.. 15 916	698 424	556 860	141 563	3
		1999.. 14 832	666 239	534 730	131 510	2
		1998.. 15 689	679 861	542 124	137 737	3
		1997.. 16 517	702 570	545 933	156 637	X
32614	Polystyrene foam product mfg .....	2000.. 34 065	1 199 077	978 045	221 032	4
		1999.. 33 116	1 186 511	965 051	221 460	5
		1998.. 30 564	1 030 434	837 401	193 033	2
		1997.. 27 142	940 094	759 412	180 682	X
326140	Polystyrene foam product mfg .....	2000.. 34 065	1 199 077	978 045	221 032	4
		1999.. 33 116	1 186 511	965 051	221 460	5
		1998.. 30 564	1 030 434	837 401	193 033	2
		1997.. 27 142	940 094	759 412	180 682	X
32615	Urethane & other foam product (except polystyrene) mfg .....	2000.. 38 443	1 371 638	1 098 449	273 190	4
		1999.. 36 416	1 319 022	1 051 696	267 326	3
		1998.. 35 985	1 292 775	1 027 980	264 795	2
		1997.. 37 362	1 273 267	1 008 426	264 841	X
326150	Urethane & other foam product (except polystyrene) mfg .....	2000.. 38 443	1 371 638	1 098 449	273 190	4
		1999.. 36 416	1 319 022	1 051 696	267 326	3
		1998.. 35 985	1 292 775	1 027 980	264 795	2
		1997.. 37 362	1 273 267	1 008 426	264 841	X
32616	Plastics bottle mfg .....	2000.. 36 920	1 388 170	1 110 396	277 774	2
		1999.. 36 844	1 335 193	1 070 003	265 190	2
		1998.. 35 160	1 279 003	1 016 353	262 650	1
		1997.. 33 933	1 220 050	963 813	256 237	X
326160	Plastics bottle mfg .....	2000.. 36 920	1 388 170	1 110 396	277 774	2
		1999.. 36 844	1 335 193	1 070 003	265 190	2
		1998.. 35 160	1 279 003	1 016 353	262 650	1
		1997.. 33 933	1 220 050	963 813	256 237	X
32619	Other plastics product mfg .....	2000.. 584 979	20 883 657	17 033 621	3 850 036	1
		1999.. 579 503	20 210 253	16 485 373	3 724 880	1
		1998.. 560 475	19 088 849	15 484 052	3 604 798	1
		1997.. 548 042	18 182 723	14 695 918	3 486 805	X
326191	Plastics plumbing fixture mfg .....	2000.. 24 031	732 535	612 236	120 299	4
		1999.. 23 090	723 965	601 321	122 644	3
		1998.. 19 269	608 241	496 085	112 157	5
		1997.. 19 254	559 026	452 514	106 512	X
326192	Resilient floor covering mfg .....	2000.. 5 344	306 605	243 008	63 597	2
		1999.. 5 502	289 423	226 370	63 053	1
		1998.. 6 484	341 545	277 255	64 289	1
		1997.. 6 070	336 880	270 689	66 191	X
326199	All other plastics product mfg .....	2000.. 555 604	19 844 517	16 178 377	3 666 139	1
		1999.. 550 910	19 196 865	15 657 681	3 539 184	1
		1998.. 534 723	18 139 064	14 710 712	3 428 352	1
		1997.. 522 718	17 286 817	13 972 715	3 314 102	X
3262	Rubber product mfg .....	2000.. 211 465	9 953 408	7 515 694	2 437 714	1
		1999.. 209 542	9 610 612	7 227 520	2 383 092	1
		1998.. 204 888	9 217 212	6 930 454	2 286 758	1
		1997.. 202 353	8 916 195	6 775 334	2 140 861	X
32621	Tire mfg .....	2000.. 74 051	4 476 901	3 229 002	1 247 899	1
		1999.. 71 693	4 261 768	3 068 592	1 193 175	1
		1998.. 73 577	4 189 965	3 028 618	1 161 347	1
		1997.. 72 189	3 996 662	2 962 564	1 034 098	X
326211	Tire mfg (except retreading) .....	2000.. 66 396	4 227 246	3 024 605	1 202 641	1
		1999.. 64 112	4 022 864	2 873 071	1 149 794	1
		1998.. 65 429	3 937 299	2 824 020	1 113 279	1
		1997.. 64 334	3 758 274	2 772 569	985 705	X
326212	Tire retreading .....	2000.. 7 655	249 654	204 397	45 258	4
		1999.. 7 580	238 903	195 522	43 382	4
		1998.. 8 148	252 666	204 598	48 068	3
		1997.. 7 855	238 388	189 995	48 393	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
326	Plastics & rubber products mfg—Con.					
3262	Rubber product mfg—Con.					
32622	Rubber & plastics hoses & belting mfg . . . . .	2000.. 25 175	1 075 715	821 307	254 408	2
		1999.. 26 030	1 102 206	841 208	260 999	2
		1998.. 24 181	1 025 673	775 834	249 840	3
		1997.. 24 182	1 011 301	749 220	262 081	X
326220	Rubber & plastics hoses & belting mfg . . . . .	2000.. 25 175	1 075 715	821 307	254 408	2
		1999.. 26 030	1 102 206	841 208	260 999	2
		1998.. 24 181	1 025 673	775 834	249 840	3
		1997.. 24 182	1 011 301	749 220	262 081	X
32629	Other rubber product mfg . . . . .	2000.. 112 239	4 400 793	3 465 385	935 407	2
		1999.. 111 819	4 246 638	3 317 720	928 918	2
		1998.. 107 130	4 001 574	3 126 003	875 572	1
		1997.. 105 982	3 908 232	3 063 550	844 682	X
326291	Rubber product mfg for mechanical use . . . . .	2000.. 60 447	2 421 693	1 888 046	533 647	2
		1999.. 60 323	2 317 255	1 778 214	539 041	2
		1998.. 56 741	2 149 935	1 658 528	491 407	2
		1997.. 55 397	2 061 185	1 593 564	467 621	X
326299	All other rubber product mfg . . . . .	2000.. 51 792	1 979 100	1 577 339	401 761	4
		1999.. 51 496	1 929 382	1 539 505	389 877	3
		1998.. 50 390	1 851 639	1 467 474	384 165	1
		1997.. 50 585	1 847 047	1 469 986	377 061	X
327	Nonmetallic mineral product mfg . . . . .	2000.. 522 265	23 375 660	18 532 739	4 842 921	1
		1999.. 523 019	22 624 544	17 914 663	4 709 881	1
		1998.. 507 938	21 427 438	16 865 696	4 561 742	1
		1997.. 501 471	20 546 013	16 172 049	4 373 964	X
3271	Clay product & refractory mfg . . . . .	2000.. 74 934	2 952 932	2 346 419	606 513	2
		1999.. 76 658	2 908 086	2 304 587	603 499	1
		1998.. 77 657	2 824 513	2 229 006	595 507	1
		1997.. 80 441	2 833 434	2 235 382	598 052	X
32711	Pottery, ceramics, & plumbing fixture mfg . . . . .	2000.. 37 390	1 419 206	1 121 496	297 710	3
		1999.. 39 070	1 419 922	1 119 162	300 760	2
		1998.. 41 155	1 428 364	1 125 359	303 005	1
		1997.. 42 557	1 415 569	1 114 784	300 785	X
327111	Vitreous china plumbing fixture & bathroom accessories mfg . . . . .	2000.. 8 601	371 957	290 532	81 424	6
		1999.. 8 979	375 004	290 673	84 332	5
		1998.. 9 604	399 683	306 131	93 552	1
		1997.. 9 222	370 041	284 871	85 170	X
327112	Vitreous china, fine earthenware, & other pottery product mfg . . . . .	2000.. 18 696	612 503	489 471	123 032	7
		1999.. 20 479	633 960	503 885	130 075	3
		1998.. 22 103	643 201	510 009	133 192	1
		1997.. 23 253	639 411	504 659	134 752	X
327113	Porcelain electrical supply mfg . . . . .	2000.. 10 093	434 746	341 493	93 253	3
		1999.. 9 612	410 957	324 604	86 353	3
		1998.. 9 448	385 480	309 219	76 261	4
		1997.. 10 082	406 117	325 254	80 863	X
32712	Clay building material & refractories mfg . . . . .	2000.. 37 544	1 533 726	1 224 923	308 803	2
		1999.. 37 589	1 488 164	1 185 426	302 739	2
		1998.. 36 502	1 396 149	1 103 647	292 502	1
		1997.. 37 884	1 417 865	1 120 598	297 267	X
327121	Brick & structural clay tile mfg . . . . .	2000.. 14 382	522 555	429 741	92 813	3
		1999.. 14 170	510 186	415 292	94 894	3
		1998.. 13 182	448 788	363 358	85 430	4
		1997.. 13 694	445 951	360 947	85 004	X
327122	Ceramic wall & floor tile mfg . . . . .	2000.. 9 082	301 915	250 446	51 469	7
		1999.. 8 705	278 712	229 154	49 558	6
		1998.. 8 337	251 909	203 764	48 145	3
		1997.. 8 755	267 862	214 860	53 002	X
327123	Other structural clay product mfg . . . . .	2000.. 1 473	54 656	43 148	11 508	4
		1999.. 1 452	51 469	41 457	10 012	5
		1998.. 1 490	50 117	38 270	11 847	1
		1997.. 1 332	45 938	35 163	10 775	X
327124	Clay refractory mfg . . . . .	2000.. 4 673	226 662	176 575	50 086	7
		1999.. 4 916	231 722	182 557	49 165	7
		1998.. 5 617	259 054	201 829	57 225	1
		1997.. 5 781	254 207	199 274	54 933	X
327125	Nonclay refractory mfg . . . . .	2000.. 7 933	427 939	325 012	102 926	5
		1999.. 8 345	416 075	316 966	99 109	3
		1998.. 7 876	386 282	296 426	89 856	1
		1997.. 8 322	403 907	310 354	93 553	X
3272	Glass & glass product mfg . . . . .	2000.. 127 451	6 269 396	4 805 541	1 463 855	1
		1999.. 127 321	6 022 002	4 645 579	1 376 423	1
		1998.. 127 206	5 773 157	4 442 821	1 330 337	1
		1997.. 128 565	5 744 758	4 428 351	1 316 407	X
32721	Glass & glass product mfg . . . . .	2000.. 127 451	6 269 396	4 805 541	1 463 855	1
		1999.. 127 321	6 022 002	4 645 579	1 376 423	1
		1998.. 127 206	5 773 157	4 442 821	1 330 337	1
		1997.. 128 565	5 744 758	4 428 351	1 316 407	X
327211	Flat glass mfg . . . . .	2000.. 11 652	705 460	541 291	164 168	1
		1999.. 11 387	716 192	568 879	147 313	1
		1998.. 11 500	686 639	540 673	145 966	1
		1997.. 11 579	696 394	535 454	160 940	X
327212	Other pressed & blown glass & glassware mfg . . . . .	2000.. 35 009	1 803 549	1 337 237	466 313	1
		1999.. 34 301	1 657 726	1 227 151	430 575	1
		1998.. 35 089	1 638 383	1 218 756	419 627	1
		1997.. 35 383	1 628 734	1 228 719	400 015	X

See footnotes at end of table.

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
327	Nonmetallic mineral product mfg—Con.					
3272	Glass & glass product mfg—Con.					
32721	Glass & glass product mfg—Con.					
327213	Glass container mfg .....	2000.. 16 846	1 060 386	773 256	287 130	1
		1999.. 19 220	1 111 572	818 898	292 673	1
		1998.. 19 935	1 106 792	822 235	284 557	1
		1997.. 21 184	1 129 899	840 703	289 196	X
327215	Glass product mfg made of purchased glass ...	2000.. 63 945	2 700 000	2 153 757	546 244	2
		1999.. 62 414	2 536 513	2 030 651	505 862	2
		1998.. 60 682	2 341 343	1 861 156	480 186	2
		1997.. 60 419	2 289 731	1 823 475	466 256	X
3273	Cement & concrete product mfg .....	2000.. 221 052	9 593 893	7 738 641	1 855 252	1
		1999.. 217 515	9 215 264	7 408 374	1 806 890	1
		1998.. 201 890	8 425 338	6 713 871	1 711 467	1
		1997.. 194 970	7 799 989	6 190 454	1 609 535	X
32731	Cement mfg .....	2000.. 17 118	1 072 233	829 025	243 208	1
		1999.. 17 323	1 044 589	815 732	228 857	1
		1998.. 17 227	984 866	756 333	228 533	1
		1997.. 16 925	952 940	734 226	218 714	X
327310	Cement mfg .....	2000.. 17 118	1 072 233	829 025	243 208	1
		1999.. 17 323	1 044 589	815 732	228 857	1
		1998.. 17 227	984 866	756 333	228 533	1
		1997.. 16 925	952 940	734 226	218 714	X
32732	Ready-mix concrete mfg .....	2000.. 101 457	4 466 708	3 625 212	841 496	2
		1999.. 102 044	4 366 786	3 529 981	836 805	1
		1998.. 94 401	3 969 631	3 177 079	792 552	1
		1997.. 93 136	3 715 663	2 965 346	750 317	X
327320	Ready-mix concrete mfg .....	2000.. 101 457	4 466 708	3 625 212	841 496	2
		1999.. 102 044	4 366 786	3 529 981	836 805	1
		1998.. 94 401	3 969 631	3 177 079	792 552	1
		1997.. 93 136	3 715 663	2 965 346	750 317	X
32733	Concrete pipe, brick, & block mfg .....	2000.. 37 046	1 563 558	1 263 436	300 121	5
		1999.. 37 166	1 555 029	1 247 146	307 883	4
		1998.. 34 108	1 391 856	1 108 273	283 583	2
		1997.. 32 164	1 250 431	990 225	260 206	X
327331	Concrete block & brick mfg .....	2000.. 22 365	950 161	768 003	182 158	7
		1999.. 22 653	937 484	749 140	188 343	6
		1998.. 19 602	806 186	636 918	169 268	3
		1997.. 18 079	712 712	559 417	153 295	X
327332	Concrete pipe mfg .....	2000.. 14 681	613 396	495 434	117 963	5
		1999.. 14 512	617 545	498 006	119 540	5
		1998.. 14 506	585 670	471 355	114 315	3
		1997.. 14 085	537 719	430 808	106 911	X
32739	Other concrete product mfg .....	2000.. 65 430	2 491 394	2 020 968	470 426	3
		1999.. 60 982	2 248 860	1 815 515	433 345	2
		1998.. 56 155	2 078 984	1 672 186	406 798	1
		1997.. 52 745	1 880 955	1 500 657	380 298	X
327390	Other concrete product mfg .....	2000.. 65 430	2 491 394	2 020 968	470 426	3
		1999.. 60 982	2 248 860	1 815 515	433 345	2
		1998.. 56 155	2 078 984	1 672 186	406 798	1
		1997.. 52 745	1 880 955	1 500 657	380 298	X
3274	Lime & gypsum product mfg .....	2000.. 20 350	965 565	782 356	183 209	2
		1999.. 20 837	977 879	789 492	188 387	1
		1998.. 20 562	966 391	776 129	190 263	5
		1997.. 18 856	852 416	691 349	161 067	X
32741	Lime mfg .....	2000.. 5 385	269 429	211 223	58 206	3
		1999.. 5 674	277 673	219 882	57 791	3
		1998.. 5 748	282 577	222 163	60 414	7
		1997.. 5 313	246 578	194 786	51 792	X
327410	Lime mfg .....	2000.. 5 385	269 429	211 223	58 206	3
		1999.. 5 674	277 673	219 882	57 791	3
		1998.. 5 748	282 577	222 163	60 414	7
		1997.. 5 313	246 578	194 786	51 792	X
32742	Gypsum product mfg .....	2000.. 14 965	696 136	571 133	125 003	2
		1999.. 15 163	700 206	569 610	130 596	2
		1998.. 14 813	683 814	553 966	129 849	6
		1997.. 13 543	605 838	496 563	109 275	X
327420	Gypsum product mfg .....	2000.. 14 965	696 136	571 133	125 003	2
		1999.. 15 163	700 206	569 610	130 596	2
		1998.. 14 813	683 814	553 966	129 849	6
		1997.. 13 543	605 838	496 563	109 275	X
3279	Other nonmetallic mineral product mfg .....	2000.. 78 479	3 593 874	2 859 781	734 093	2
		1999.. 80 686	3 501 313	2 766 631	734 682	1
		1998.. 80 623	3 438 038	2 703 870	734 168	1
		1997.. 78 639	3 315 416	2 626 513	688 903	X
32791	Abrasive product mfg .....	2000.. 19 212	938 161	757 402	180 759	4
		1999.. 20 785	932 757	744 347	188 411	3
		1998.. 21 551	969 862	756 109	213 754	2
		1997.. 22 571	992 493	782 054	210 439	X
327910	Abrasive product mfg .....	2000.. 19 212	938 161	757 402	180 759	4
		1999.. 20 785	932 757	744 347	188 411	3
		1998.. 21 551	969 862	756 109	213 754	2
		1997.. 22 571	992 493	782 054	210 439	X

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
327	Nonmetallic mineral product mfg—Con.					
3279	Other nonmetallic mineral product mfg—Con.					
32799	All other nonmetallic mineral product mfg.....					
	2000..	59 267	2 655 713	2 102 379	553 334	2
	1999..	59 901	2 568 556	2 022 284	546 272	2
	1998..	59 072	2 468 176	1 947 762	520 414	1
	1997..	56 068	2 322 923	1 844 459	478 464	X
327991	Cut stone & stone product mfg.....					
	2000..	15 903	594 867	475 020	119 847	4
	1999..	15 756	533 531	423 528	110 003	6
	1998..	14 332	466 381	369 175	97 207	5
	1997..	13 109	439 192	350 549	88 643	X
327992	Ground or treated mineral & earth mfg.....					
	2000..	10 045	468 829	368 392	100 437	3
	1999..	10 130	475 564	370 657	104 907	3
	1998..	9 757	451 109	353 037	98 072	4
	1997..	10 115	462 947	360 995	101 952	X
327993	Mineral wool mfg.....					
	2000..	21 029	1 115 872	873 050	242 822	3
	1999..	21 773	1 104 098	862 381	241 717	2
	1998..	22 498	1 094 118	862 871	231 247	2
	1997..	21 610	1 021 107	811 380	209 727	X
327999	All other miscellaneous nonmetallic mineral product mfg.....					
	2000..	12 290	476 144	385 916	90 228	5
	1999..	12 242	455 363	365 718	89 645	3
	1998..	12 486	456 567	362 679	93 888	2
	1997..	11 234	399 677	321 535	78 142	X
331	Primary metal mfg.....					
	2000..	578 025	31 898 399	24 121 645	7 776 754	1
	1999..	582 775	31 336 399	23 722 389	7 614 010	1
	1998..	602 292	32 024 864	24 146 138	7 878 726	1
	1997..	605 085	31 787 971	23 811 233	7 976 738	X
3311	Iron & steel mills & ferroalloy mfg.....					
	2000..	144 091	10 607 820	7 619 989	2 987 831	1
	1999..	141 942	10 205 341	7 327 094	2 878 248	1
	1998..	148 392	10 678 683	7 661 084	3 017 599	1
	1997..	149 875	10 770 672	7 604 810	3 165 862	X
33111	Iron & steel mills & ferroalloy mfg.....					
	2000..	144 091	10 607 820	7 619 989	2 987 831	1
	1999..	141 942	10 205 341	7 327 094	2 878 248	1
	1998..	148 392	10 678 683	7 661 084	3 017 599	1
	1997..	149 875	10 770 672	7 604 810	3 165 862	X
331111	Iron & steel mills.....					
	2000..	140 857	10 412 500	7 470 751	2 941 750	1
	1999..	138 995	10 030 759	7 193 490	2 837 269	1
	1998..	144 723	10 466 844	7 501 782	2 965 062	1
	1997..	146 215	10 567 760	7 450 380	3 117 380	X
331112	Electrometallurgical ferroalloy product mfg.....					
	2000..	3 234	195 320	149 238	46 082	7
	1999..	2 947	174 582	133 604	40 979	5
	1998..	3 669	211 839	159 302	52 537	1
	1997..	3 660	202 912	154 430	48 482	X
3312	Steel product mfg from purchased steel.....					
	2000..	62 650	3 103 357	2 407 676	695 681	2
	1999..	61 722	2 980 060	2 309 651	670 409	2
	1998..	64 483	3 087 598	2 380 165	707 433	1
	1997..	64 200	3 003 421	2 306 920	696 501	X
33121	Iron & steel pipes & tubes mfg from purchased steel.....					
	2000..	27 180	1 311 553	1 027 276	284 277	5
	1999..	26 246	1 232 229	967 367	264 862	6
	1998..	27 313	1 270 104	994 813	275 291	1
	1997..	26 864	1 222 053	956 735	265 318	X
331210	Iron & steel pipes & tubes mfg from purchased steel.....					
	2000..	27 180	1 311 553	1 027 276	284 277	5
	1999..	26 246	1 232 229	967 367	264 862	6
	1998..	27 313	1 270 104	994 813	275 291	1
	1997..	26 864	1 222 053	956 735	265 318	X
33122	Rolling & drawing of purchased steel.....					
	2000..	35 470	1 791 804	1 380 400	411 404	1
	1999..	35 476	1 747 832	1 342 284	405 547	1
	1998..	37 170	1 817 494	1 385 352	432 143	2
	1997..	37 336	1 781 368	1 350 185	431 183	X
331221	Cold-rolled steel shape mfg.....					
	2000..	12 852	800 857	593 176	207 680	2
	1999..	12 000	750 155	553 052	197 103	2
	1998..	14 319	870 938	637 705	233 233	2
	1997..	14 106	861 626	630 082	231 544	X
331222	Steel wire drawing.....					
	2000..	22 618	990 948	787 224	203 724	2
	1999..	23 476	997 677	789 232	208 445	2
	1998..	22 851	946 556	747 646	198 910	5
	1997..	23 230	919 742	720 103	199 639	X
3313	Alumina & aluminum production & processing.....					
	2000..	81 833	4 444 882	3 294 821	1 150 061	1
	1999..	83 477	4 410 683	3 295 264	1 115 419	1
	1998..	85 462	4 483 742	3 335 937	1 147 806	1
	1997..	84 487	4 436 415	3 345 036	1 091 379	X
33131	Alumina & aluminum production & processing.....					
	2000..	81 833	4 444 882	3 294 821	1 150 061	1
	1999..	83 477	4 410 683	3 295 264	1 115 419	1
	1998..	85 462	4 483 742	3 335 937	1 147 806	1
	1997..	84 487	4 436 415	3 345 036	1 091 379	X
331311	Alumina refining.....					
	2000..	2 981	201 066	142 444	58 622	1
	1999..	2 863	190 637	132 912	57 725	1
	1998..	3 004	195 096	140 710	54 386	1
	1997..	3 035	205 266	150 696	54 570	X
331312	Primary aluminum production.....					
	2000..	14 797	917 827	658 909	258 918	1
	1999..	16 168	949 984	687 678	262 306	1
	1998..	16 317	1 016 513	730 453	286 060	1
	1997..	15 763	969 268	707 402	261 866	X
331314	Secondary smelting & alloying of aluminum.....					
	2000..	7 634	340 803	263 449	77 354	3
	1999..	7 380	326 030	252 856	73 174	3
	1998..	6 918	305 990	237 122	68 869	1
	1997..	6 614	290 561	226 469	64 092	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
331	Primary metal mfg—Con.					
3313	Alumina & aluminum production & processing—Con.					
33131	Alumina & aluminum production & processing—Con.					
331315	Aluminum sheet, plate, & foil mfg . . . . .	2000.. 21 556	1 463 170	1 046 997	416 173	2
		1999.. 22 332	1 458 547	1 072 817	385 730	2
		1998.. 23 416	1 484 591	1 083 592	400 999	1
		1997.. 24 709	1 568 200	1 175 506	392 694	X
331316	Aluminum extruded product mfg . . . . .	2000.. 30 713	1 338 366	1 040 827	297 539	2
		1999.. 30 727	1 304 508	1 007 963	296 545	1
		1998.. 31 690	1 299 791	1 001 575	298 217	1
		1997.. 30 357	1 221 182	944 829	276 353	X
331319	Other aluminum rolling & drawing . . . . .	2000.. 4 153	183 651	142 195	41 455	2
		1999.. 4 007	180 978	141 038	39 939	1
		1998.. 4 115	181 761	142 485	39 276	2
		1997.. 4 009	181 938	140 134	41 804	X
3314	Nonferrous metal (except aluminum) production & processing . . . . .	2000.. 71 879	3 711 271	2 884 964	826 307	2
		1999.. 73 505	3 750 800	2 913 914	836 886	1
		1998.. 80 519	3 929 290	3 062 091	867 199	1
		1997.. 81 162	3 928 586	3 048 301	880 285	X
33141	Nonferrous metal (except aluminum) smelting & refining . . . . .	2000.. 12 056	663 951	520 851	143 101	3
		1999.. 13 703	747 362	573 105	174 258	3
		1998.. 16 102	812 937	628 798	184 139	1
		1997.. 16 568	843 941	651 108	192 833	X
331411	Primary smelting & refining of copper . . . . .	2000.. 2 859	156 705	119 883	36 822	1
		1999.. 4 744	263 752	193 262	70 490	1
		1998.. 6 539	326 163	249 314	76 849	1
		1997.. 7 360	372 254	287 382	84 872	X
331419	Other nonferrous metal primary smelting & refining . . . . .	2000.. 9 197	507 247	400 968	106 278	5
		1999.. 8 959	483 610	379 842	103 768	4
		1998.. 9 563	486 774	379 484	107 290	2
		1997.. 9 208	471 687	363 726	107 961	X
33142	Copper rolling, drawing, extruding, & alloying . . . . .	2000.. 25 824	1 280 750	991 706	289 044	2
		1999.. 25 356	1 235 053	963 053	271 999	1
		1998.. 27 874	1 310 650	1 020 359	290 291	1
		1997.. 27 583	1 279 568	996 132	283 436	X
331421	Copper rolling, drawing, & extruding . . . . .	2000.. 19 955	1 007 320	775 114	232 206	1
		1999.. 19 796	989 317	768 986	220 331	1
		1998.. 21 112	1 029 172	798 339	230 834	1
		1997.. 21 012	1 006 098	780 787	225 311	X
331422	Copper wire (except mechanical) drawing . . . . .	2000.. 3 808	166 516	131 998	34 517	8
		1999.. 3 493	138 932	110 208	28 724	7
		1998.. 4 476	167 294	132 770	34 524	4
		1997.. 4 238	157 353	124 240	33 113	X
331423	Secondary smelting, refining, & alloying of copper . . . . .	2000.. 2 061	106 914	84 593	22 321	5
		1999.. 2 066	106 803	83 859	22 944	3
		1998.. 2 285	114 184	89 251	24 933	4
		1997.. 2 333	116 117	91 105	25 012	X
33149	Other nonferrous metal rolling, drawing, extruding, & alloying . . . . .	2000.. 33 999	1 766 569	1 372 407	394 162	3
		1999.. 34 446	1 768 385	1 377 756	390 629	2
		1998.. 36 544	1 805 703	1 412 933	392 769	1
		1997.. 37 011	1 805 077	1 401 061	404 016	X
331491	Other nonferrous metal rolling, drawing, & extruding . . . . .	2000.. 23 828	1 262 218	968 897	293 321	1
		1999.. 24 432	1 260 832	976 845	283 987	1
		1998.. 25 581	1 277 118	997 651	279 467	1
		1997.. 25 484	1 266 000	977 877	288 123	X
331492	Other nonferrous metal secondary smelting, refining, & alloying . . . . .	2000.. 10 170	504 351	403 510	100 841	10
		1999.. 10 013	507 553	400 912	106 641	6
		1998.. 10 963	528 584	415 282	113 302	1
		1997.. 11 527	539 077	423 184	115 893	X
3315	Foundries . . . . .	2000.. 217 572	10 031 069	7 914 196	2 116 873	1
		1999.. 222 130	9 989 515	7 876 467	2 113 048	1
		1998.. 223 436	9 845 551	7 706 861	2 138 690	1
		1997.. 225 361	9 648 877	7 506 166	2 142 711	X
33151	Ferrous metal foundries . . . . .	2000.. 125 786	6 285 644	4 930 640	1 355 005	1
		1999.. 129 184	6 261 060	4 890 198	1 370 862	1
		1998.. 127 298	6 032 072	4 699 658	1 332 414	2
		1997.. 131 574	6 004 091	4 630 562	1 373 529	X
331511	Iron foundries . . . . .	2000.. 80 899	4 330 985	3 389 901	941 084	2
		1999.. 82 711	4 310 284	3 348 621	961 663	1
		1998.. 80 456	4 119 774	3 185 121	934 653	3
		1997.. 85 429	4 189 932	3 211 357	978 575	X
331512	Steel investment foundries . . . . .	2000.. 22 318	957 859	741 660	216 199	1
		1999.. 22 521	932 767	723 523	209 245	1
		1998.. 22 282	905 389	707 848	197 541	2
		1997.. 22 673	867 613	669 452	198 161	X
331513	Steel foundries (except investment) . . . . .	2000.. 22 568	996 800	799 078	197 722	3
		1999.. 23 952	1 018 009	818 054	199 955	3
		1998.. 24 560	1 006 909	806 689	200 220	1
		1997.. 23 472	946 546	749 753	196 793	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
331	Primary metal mfg—Con.					
3315	Foundries—Con.					
33152	Nonferrous metal foundries . . . . .	2000.. 91 787	3 745 425	2 983 557	761 868	2
		1999.. 92 946	3 728 455	2 986 269	742 186	2
		1998.. 96 138	3 813 479	3 007 203	806 276	1
		1997.. 93 787	3 644 786	2 875 604	769 182	X
331521	Aluminum die-casting foundries . . . . .	2000.. 27 051	1 138 914	896 044	242 870	3
		1999.. 27 534	1 172 202	936 373	235 829	3
		1998.. 28 067	1 190 557	931 554	259 003	3
		1997.. 27 516	1 143 964	899 544	244 420	X
331522	Nonferrous (except aluminum) die-casting foundries . . . . .	2000.. 16 084	619 994	507 017	112 977	4
		1999.. 16 669	610 469	501 675	108 794	3
		1998.. 17 477	631 153	509 048	122 105	3
		1997.. 16 840	601 025	488 196	112 829	X
331524	Aluminum foundries (except die-casting) . . . . .	2000.. 35 108	1 433 824	1 145 579	288 245	3
		1999.. 34 839	1 385 503	1 108 696	276 807	3
		1998.. 35 234	1 335 994	1 056 853	279 141	1
		1997.. 33 768	1 274 587	1 006 954	267 633	X
331525	Copper foundries (except die-casting) . . . . .	2000.. 9 126	336 128	266 881	69 248	4
		1999.. 9 341	341 990	269 530	72 460	3
		1998.. 9 353	351 666	271 763	79 904	1
		1997.. 8 868	337 936	258 151	79 785	X
331528	Other nonferrous foundries (except die-casting) . . . . .	2000.. 4 418	216 564	168 035	48 529	5
		1999.. 4 564	218 290	169 994	48 296	4
		1998.. 6 008	304 107	237 985	66 122	5
		1997.. 6 795	287 274	222 759	64 515	X
332	Fabricated metal product mfg . . . . .	2000.. 1 820 595	76 493 967	62 569 908	13 924 059	1
		1999.. 1 795 909	73 773 992	60 055 114	13 718 877	1
		1998.. 1 811 231	73 374 951	59 343 525	14 031 427	1
		1997.. 1 763 772	70 092 703	56 631 583	13 461 120	X
3321	Forging & stamping . . . . .	2000.. 167 950	7 420 575	6 047 895	1 372 680	1
		1999.. 163 122	7 069 854	5 721 192	1 348 661	1
		1998.. 163 571	7 146 109	5 737 171	1 408 938	1
		1997.. 158 944	6 804 088	5 461 638	1 342 450	X
33211	Forging & stamping . . . . .	2000.. 167 950	7 420 575	6 047 895	1 372 680	1
		1999.. 163 122	7 069 854	5 721 192	1 348 661	1
		1998.. 163 571	7 146 109	5 737 171	1 408 938	1
		1997.. 158 944	6 804 088	5 461 638	1 342 450	X
332111	Iron & steel forging . . . . .	2000.. 26 418	1 331 907	1 047 934	283 972	2
		1999.. 25 929	1 296 074	1 017 222	278 852	1
		1998.. 28 404	1 442 156	1 133 210	308 946	1
		1997.. 26 156	1 315 575	1 020 473	295 102	X
332112	Nonferrous forging . . . . .	2000.. 9 570	506 102	386 534	119 568	3
		1999.. 9 558	490 128	377 637	112 491	3
		1998.. 9 258	466 316	353 955	112 361	1
		1997.. 8 991	466 903	363 301	103 602	X
332114	Custom roll forming . . . . .	2000.. 16 562	697 642	571 931	125 710	3
		1999.. 15 978	664 000	541 722	122 278	2
		1998.. 15 538	678 371	542 067	136 304	7
		1997.. 15 852	643 609	522 950	120 659	X
332115	Crown & closure mfg . . . . .	2000.. 4 026	193 726	153 772	39 953	1
		1999.. 4 107	197 723	158 597	39 127	1
		1998.. 3 757	201 664	155 817	45 847	8
		1997.. 4 576	211 797	161 511	50 286	X
332116	Metal stamping . . . . .	2000.. 100 063	4 157 227	3 467 518	689 710	2
		1999.. 96 713	3 923 146	3 231 147	691 998	1
		1998.. 95 402	3 872 690	3 159 060	713 630	1
		1997.. 92 511	3 711 681	3 022 396	689 285	X
332117	Powder metallurgy part mfg . . . . .	2000.. 11 311	533 972	420 206	113 766	11
		1999.. 10 837	498 783	394 867	103 916	7
		1998.. 11 212	484 912	393 062	91 849	1
		1997.. 10 858	454 523	371 007	83 516	X
3322	Cutlery & handtool mfg . . . . .	2000.. 78 695	3 387 481	2 683 656	703 825	1
		1999.. 78 780	3 295 470	2 608 331	687 139	1
		1998.. 77 814	3 272 316	2 575 141	697 174	2
		1997.. 77 337	3 170 174	2 484 032	686 142	X
33221	Cutlery & handtool mfg . . . . .	2000.. 78 695	3 387 481	2 683 656	703 825	1
		1999.. 78 780	3 295 470	2 608 331	687 139	1
		1998.. 77 814	3 272 316	2 575 141	697 174	2
		1997.. 77 337	3 170 174	2 484 032	686 142	X
332211	Cutlery & flatware (except precious) mfg . . . . .	2000.. 9 640	441 052	332 873	108 178	2
		1999.. 9 760	449 667	341 475	108 192	2
		1998.. 10 233	451 091	336 432	114 659	1
		1997.. 10 301	442 845	331 471	111 374	X
332212	Hand & edge tool mfg . . . . .	2000.. 53 345	2 258 214	1 810 561	447 652	2
		1999.. 53 188	2 173 836	1 739 315	434 521	2
		1998.. 51 362	2 149 352	1 709 131	440 222	2
		1997.. 50 598	2 069 767	1 639 098	430 669	X
332213	Saw blade & handsaw mfg . . . . .	2000.. 9 724	430 900	343 403	87 497	4
		1999.. 9 344	404 130	320 927	83 203	3
		1998.. 9 168	391 975	312 386	79 590	19
		1997.. 9 127	383 421	300 001	83 420	X
332214	Kitchen utensil, pot, & pan mfg . . . . .	2000.. 5 986	257 316	196 818	60 497	2
		1999.. 6 488	267 838	206 614	61 223	2
		1998.. 7 050	279 897	217 193	62 703	5
		1997.. 7 311	274 141	213 462	60 679	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
332	Fabricated metal product mfg—Con.					
3323	Architectural & structural metals mfg . . . . .	2000.. 417 966	16 468 234	13 604 278	2 863 955	1
		1999.. 411 100	15 770 038	12 933 311	2 836 727	1
		1998.. 396 089	15 017 575	12 255 149	2 762 426	1
		1997.. 381 573	14 069 748	11 447 903	2 621 845	X
33231	Plate work & fabricated structural product mfg . . . . .	2000.. 153 650	6 394 145	5 261 086	1 133 058	2
		1999.. 155 526	6 334 428	5 161 236	1 173 192	2
		1998.. 148 496	5 900 082	4 797 731	1 102 351	1
		1997.. 144 843	5 580 464	4 528 931	1 051 533	X
332311	Prefabricated metal building & component mfg . . . . .	2000.. 28 811	1 092 240	888 592	203 648	5
		1999.. 1 086 904	886 457	200 448	200 448	4
		1998.. 26 465	1 011 889	835 808	176 081	4
		1997.. 27 167	963 718	798 192	165 526	X
332312	Fabricated structural metal mfg . . . . .	2000.. 98 960	4 253 469	3 500 139	753 330	2
		1999.. 101 721	4 234 297	3 443 692	790 605	3
		1998.. 96 408	3 889 333	3 149 886	739 447	1
		1997.. 92 471	3 641 460	2 942 908	698 552	X
332313	Plate work mfg . . . . .	2000.. 25 879	1 048 436	872 356	176 080	3
		1999.. 25 349	1 013 227	831 087	182 139	2
		1998.. 25 624	998 861	812 038	186 823	2
		1997.. 25 205	975 286	787 831	187 455	X
33232	Ornamental & architectural metal products mfg . . . . .	2000.. 264 317	10 074 089	8 343 192	1 730 897	1
		1999.. 255 574	9 435 610	7 772 075	1 663 535	1
		1998.. 247 592	9 117 493	7 457 418	1 660 075	1
		1997.. 236 730	8 489 284	6 918 972	1 570 312	X
332321	Metal window & door mfg . . . . .	2000.. 83 885	2 852 529	2 328 846	523 684	2
		1999.. 83 063	2 739 661	2 242 494	497 167	2
		1998.. 77 916	2 597 321	2 121 416	475 905	1
		1997.. 74 063	2 384 533	1 941 363	443 170	X
332322	Sheet metal work mfg . . . . .	2000.. 142 682	5 767 005	4 818 627	948 378	2
		1999.. 134 155	5 304 851	4 389 549	915 302	2
		1998.. 133 229	5 189 194	4 255 130	934 063	1
		1997.. 127 791	4 887 288	3 991 922	895 366	X
332323	Ornamental & architectural metal work mfg . . . . .	2000.. 37 749	1 454 555	1 195 719	258 836	2
		1999.. 38 356	1 391 098	1 140 032	251 066	2
		1998.. 36 447	1 330 979	1 080 872	250 107	1
		1997.. 34 876	1 217 463	985 687	231 776	X
3324	Boiler, tank, & shipping container mfg . . . . .	2000.. 97 425	4 651 934	3 676 404	975 529	1
		1999.. 101 408	4 806 943	3 806 097	1 000 846	1
		1998.. 102 038	4 770 541	3 779 201	991 340	1
		1997.. 102 191	4 628 031	3 675 396	952 635	X
33241	Power boiler & heat exchanger mfg . . . . .	2000.. 26 469	1 139 405	922 790	216 615	3
		1999.. 26 789	1 162 893	940 570	222 324	3
		1998.. 28 604	1 236 906	999 352	237 554	5
		1997.. 27 576	1 184 713	947 859	236 854	X
332410	Power boiler & heat exchanger mfg . . . . .	2000.. 26 469	1 139 405	922 790	216 615	3
		1999.. 26 789	1 162 893	940 570	222 324	3
		1998.. 28 604	1 236 906	999 352	237 554	5
		1997.. 27 576	1 184 713	947 859	236 854	X
33242	Metal tank (heavy gauge) mfg . . . . .	2000.. 29 868	1 409 173	1 147 993	261 180	3
		1999.. 33 414	1 509 849	1 228 442	281 408	3
		1998.. 32 556	1 430 018	1 155 777	274 241	2
		1997.. 33 300	1 399 113	1 129 336	269 777	X
332420	Metal tank (heavy gauge) mfg . . . . .	2000.. 29 868	1 409 173	1 147 993	261 180	3
		1999.. 33 414	1 509 849	1 228 442	281 408	3
		1998.. 32 556	1 430 018	1 155 777	274 241	2
		1997.. 33 300	1 399 113	1 129 336	269 777	X
33243	Metal can, box, & other metal container (light gauge) mfg . . . . .	2000.. 41 087	2 103 355	1 605 621	497 734	1
		1999.. 41 205	2 134 200	1 637 086	497 115	1
		1998.. 40 879	2 103 617	1 624 072	479 545	1
		1997.. 41 315	2 044 205	1 598 201	446 004	X
332431	Metal can mfg . . . . .	2000.. 23 581	1 423 982	1 048 702	375 280	1
		1999.. 24 557	1 488 025	1 109 274	378 750	1
		1998.. 25 098	1 488 389	1 124 249	364 140	1
		1997.. 26 747	1 504 304	1 167 821	336 483	X
332439	Other metal container mfg . . . . .	2000.. 17 507	679 374	556 919	122 455	3
		1999.. 16 648	646 176	527 811	118 364	3
		1998.. 15 780	615 228	499 822	115 406	3
		1997.. 14 568	539 901	430 380	109 521	X
3325	Hardware mfg . . . . .	2000.. 71 107	2 936 971	2 320 801	616 170	2
		1999.. 70 844	2 885 568	2 284 950	600 618	2
		1998.. 73 075	2 887 552	2 273 941	613 611	1
		1997.. 75 437	2 974 174	2 327 164	647 010	X
33251	Hardware mfg . . . . .	2000.. 71 107	2 936 971	2 320 801	616 170	2
		1999.. 70 844	2 885 568	2 284 950	600 618	2
		1998.. 73 075	2 887 552	2 273 941	613 611	1
		1997.. 75 437	2 974 174	2 327 164	647 010	X
332510	Hardware mfg . . . . .	2000.. 71 107	2 936 971	2 320 801	616 170	2
		1999.. 70 844	2 885 568	2 284 950	600 618	2
		1998.. 73 075	2 887 552	2 273 941	613 611	1
		1997.. 75 437	2 974 174	2 327 164	647 010	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
332	Fabricated metal product mfg—Con.					
3326	Spring & wire product mfg .....	2000.. 73 636	2 616 747	2 165 412	451 336	2
		1999.. 71 826	2 511 998	2 071 250	440 749	2
		1998.. 71 581	2 543 210	2 067 379	475 831	2
		1997.. 70 193	2 352 897	1 906 503	446 394	X
33261	Spring & wire product mfg .....	2000.. 73 636	2 616 747	2 165 412	451 336	2
		1999.. 71 826	2 511 998	2 071 250	440 749	2
		1998.. 71 581	2 543 210	2 067 379	475 831	2
		1997.. 70 193	2 352 897	1 906 503	446 394	X
332611	Spring (heavy gauge) mfg .....	2000.. 5 723	253 916	207 627	46 289	3
		1999.. 5 718	241 468	199 268	42 200	4
		1998.. 6 144	264 729	215 557	49 172	1
		1997.. 5 581	227 011	183 180	43 831	X
332612	Spring (light gauge) mfg .....	2000.. 20 780	807 028	664 671	142 357	6
		1999.. 20 267	759 696	623 071	136 624	5
		1998.. 20 013	767 530	613 324	154 206	5
		1997.. 18 798	698 818	564 372	134 446	X
332618	Other fabricated wire product mfg .....	2000.. 47 134	1 555 803	1 293 113	262 690	3
		1999.. 45 841	1 510 834	1 248 910	261 924	2
		1998.. 45 424	1 510 951	1 238 498	272 453	3
		1997.. 45 814	1 427 068	1 158 951	268 117	X
3327	Machine shops, turned product, & screw, nut, & bolt mfg .....	2000.. 429 763	18 196 490	15 308 540	2 887 950	1
		1999.. 423 983	17 369 933	14 522 375	2 847 557	1
		1998.. 440 840	17 553 397	14 611 494	2 941 903	1
		1997.. 423 004	16 901 344	14 029 104	2 872 240	X
33271	Machine shops .....	2000.. 298 608	12 223 618	10 402 117	1 821 501	2
		1999.. 291 482	11 531 237	9 744 727	1 786 510	1
		1998.. 303 126	11 691 058	9 844 537	1 846 521	1
		1997.. 289 437	11 244 072	9 446 782	1 797 290	X
332710	Machine shops .....	2000.. 298 608	12 223 618	10 402 117	1 821 501	2
		1999.. 291 482	11 531 237	9 744 727	1 786 510	1
		1998.. 303 126	11 691 058	9 844 537	1 846 521	1
		1997.. 289 437	11 244 072	9 446 782	1 797 290	X
33272	Turned product & screw, nut, & bolt mfg .....	2000.. 131 154	5 972 871	4 906 422	1 066 449	2
		1999.. 132 501	5 838 696	4 777 648	1 061 048	1
		1998.. 137 714	5 862 339	4 766 957	1 095 382	1
		1997.. 133 567	5 657 272	4 582 322	1 074 950	X
332721	Precision turned product mfg .....	2000.. 77 860	3 346 099	2 797 180	548 918	2
		1999.. 77 165	3 233 748	2 690 491	543 257	2
		1998.. 81 380	3 308 644	2 720 775	587 869	2
		1997.. 80 225	3 205 945	2 629 738	576 207	X
332722	Bolt, nut, screw, rivet, & washer mfg .....	2000.. 53 295	2 626 773	2 109 242	517 531	3
		1999.. 55 336	2 604 948	2 087 157	517 790	2
		1998.. 56 334	2 553 695	2 046 182	507 513	1
		1997.. 53 342	2 451 327	1 952 584	498 743	X
3328	Coating, engraving, heat treating, & allied activities .....	2000.. 160 516	6 069 631	5 045 806	1 023 825	1
		1999.. 155 060	5 791 866	4 780 284	1 011 582	1
		1998.. 159 122	5 887 255	4 817 728	1 069 527	1
		1997.. 152 884	5 507 410	4 513 791	993 619	X
33281	Coating, engraving, heat treating, & allied activities .....	2000.. 160 516	6 069 631	5 045 806	1 023 825	1
		1999.. 155 060	5 791 866	4 780 284	1 011 582	1
		1998.. 159 122	5 887 255	4 817 728	1 069 527	1
		1997.. 152 884	5 507 410	4 513 791	993 619	X
332811	Metal heat treating .....	2000.. 24 752	1 078 328	889 255	189 073	3
		1999.. 23 368	1 030 351	847 732	182 619	3
		1998.. 23 482	1 075 775	872 238	203 537	2
		1997.. 22 299	976 987	789 233	187 754	X
332812	Metal coating/engraving (exc jewelry/silverware)/allied services .....	2000.. 60 462	2 285 998	1 882 753	403 245	3
		1999.. 59 361	2 214 459	1 809 333	405 126	3
		1998.. 60 476	2 180 917	1 764 582	416 335	1
		1997.. 55 954	2 007 386	1 634 627	372 759	X
332813	Electroplating, plating, polishing, anodizing, & coloring .....	2000.. 75 302	2 705 305	2 273 798	431 507	2
		1999.. 72 330	2 547 055	2 123 218	423 837	2
		1998.. 75 163	2 630 563	2 180 909	449 654	2
		1997.. 74 631	2 523 037	2 089 931	433 106	X
3329	Other fabricated metal product mfg .....	2000.. 323 538	14 745 905	11 717 116	3 028 789	1
		1999.. 319 787	14 272 322	11 327 325	2 944 997	1
		1998.. 327 102	14 296 997	11 226 321	3 070 676	1
		1997.. 322 209	13 684 837	10 786 052	2 898 785	X
33291	Metal valve mfg .....	2000.. 121 507	5 725 745	4 503 720	1 222 025	1
		1999.. 122 517	5 643 892	4 438 399	1 205 493	1
		1998.. 127 695	5 798 006	4 492 996	1 305 009	1
		1997.. 126 245	5 582 567	4 364 424	1 218 143	X
332911	Industrial valve mfg .....	2000.. 52 707	2 560 340	2 015 581	544 759	1
		1999.. 53 549	2 566 827	2 014 647	552 179	1
		1998.. 56 237	2 636 316	2 055 360	580 956	3
		1997.. 54 294	2 468 545	1 947 182	521 363	X
332912	Fluid power valve & hose fitting mfg .....	2000.. 37 298	1 810 227	1 413 667	396 560	2
		1999.. 37 872	1 801 624	1 417 801	383 823	2
		1998.. 38 757	1 829 383	1 398 063	431 319	1
		1997.. 37 280	1 742 047	1 327 456	414 591	X
332913	Plumbing fixture fitting & trim mfg .....	2000.. 14 750	628 079	498 706	129 374	2
		1999.. 14 781	591 870	463 810	128 060	2
		1998.. 15 651	644 015	499 276	144 739	4
		1997.. 16 133	636 976	498 551	138 425	X

See footnotes at end of table.



**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
332	Fabricated metal product mfg—Con.					
3329	Other fabricated metal product mfg—Con.					
33291	Metal valve mfg—Con.					
332919	Other metal valve & pipe fitting mfg .....	2000.. 16 751	727 099	575 767	151 332	3
		1999.. 16 316	683 572	542 140	141 431	3
		1998.. 17 051	688 291	540 297	147 994	4
		1997.. 18 538	734 999	591 235	143 764	X
33299	All other fabricated metal product mfg .....	2000.. 202 031	9 020 160	7 213 396	1 806 764	1
		1999.. 197 270	8 628 430	6 888 926	1 739 504	1
		1998.. 199 406	8 498 992	6 733 325	1 765 667	1
		1997.. 195 964	8 102 270	6 421 628	1 680 642	X
332991	Ball & roller bearing mfg .....	2000.. 35 847	1 943 326	1 468 433	474 893	1
		1999.. 35 964	1 873 242	1 427 753	445 489	1
		1998.. 36 948	1 843 148	1 402 650	440 498	1
		1997.. 36 547	1 783 428	1 368 804	414 624	X
332992	Small arms ammunition mfg .....	2000.. 7 222	358 994	277 847	81 147	1
		1999.. 7 235	357 113	277 616	79 497	1
		1998.. 7 145	333 880	257 981	75 898	1
		1997.. 7 135	325 162	254 731	70 431	X
332993	Ammunition (except small arms) mfg .....	2000.. 7 324	397 612	323 088	74 524	5
		1999.. 8 335	434 063	341 551	92 512	4
		1998.. 9 487	491 306	381 724	109 583	1
		1997.. 9 281	476 916	371 808	105 108	X
332994	Small arms mfg .....	2000.. 9 815	417 916	332 309	85 607	3
		1999.. 9 826	415 871	325 358	90 513	2
		1998.. 9 616	412 621	321 025	91 597	1
		1997.. 9 841	414 965	319 663	95 302	X
332995	Other ordnance & accessories mfg .....	2000.. 8 022	497 163	398 346	98 817	3
		1999.. 8 362	469 840	383 873	85 967	3
		1998.. 8 722	462 780	377 751	85 029	1
		1997.. 8 545	456 867	362 201	94 666	X
332996	Fabricated pipe & pipe fitting mfg .....	2000.. 32 344	1 229 842	1 012 752	217 091	4
		1999.. 30 416	1 158 077	953 968	204 110	3
		1998.. 30 096	1 139 402	931 846	207 556	2
		1997.. 29 746	1 077 722	879 723	197 999	X
332997	Industrial pattern mfg .....	2000.. 7 629	344 289	290 335	53 953	3
		1999.. 7 367	342 801	287 147	55 654	2
		1998.. 8 101	375 839	317 545	58 294	4
		1997.. 7 952	342 110	284 879	57 231	X
332998	Enameled iron & metal sanitary ware mfg .....	2000.. 10 275	462 133	365 769	96 364	2
		1999.. 9 535	445 191	350 814	94 377	2
		1998.. 9 947	418 773	321 355	97 418	1
		1997.. 9 792	355 498	275 889	79 609	X
332999	All other miscellaneous fabricated metal product mfg .....	2000.. 83 554	3 368 884	2 744 516	624 368	2
		1999.. 80 229	3 132 231	2 540 846	591 385	2
		1998.. 79 345	3 021 242	2 421 448	599 794	2
		1997.. 77 125	2 869 602	2 303 930	565 672	X
333	Machinery mfg .....	2000.. 1 402 534	69 695 542	56 028 282	13 667 259	1
		1999.. 1 401 751	67 694 967	54 339 741	13 355 226	1
		1998.. 1 433 463	67 673 133	54 038 645	13 634 488	1
		1997.. 1 420 512	66 367 624	53 012 226	13 355 398	X
3331	Agriculture, construction, & mining machinery mfg ..	2000.. 195 470	9 465 476	7 353 254	2 112 222	2
		1999.. 197 865	9 565 700	7 322 390	2 243 310	1
		1998.. 211 728	10 261 496	7 873 191	2 388 306	1
		1997.. 211 200	10 052 141	7 689 706	2 362 435	X
33311	Agricultural implement mfg .....	2000.. 85 416	3 780 765	2 891 370	899 395	2
		1999.. 85 619	3 832 559	2 849 291	983 268	1
		1998.. 93 568	4 164 598	3 125 846	1 038 753	1
		1997.. 94 711	4 125 597	3 102 280	1 023 317	X
333111	Farm machinery & equipment mfg .....	2000.. 60 684	2 840 792	2 157 741	683 051	3
		1999.. 59 121	2 840 600	2 093 769	746 830	2
		1998.. 66 312	3 183 578	2 385 716	797 862	1
		1997.. 66 370	3 173 064	2 370 599	802 465	X
333112	Lawn & garden tractor & home lawn & garden equipment mfg .....	2000.. 24 731	939 972	723 629	216 344	1
		1999.. 26 499	991 959	755 521	236 438	1
		1998.. 27 255	981 020	740 129	240 891	1
		1997.. 28 341	952 533	731 681	220 852	X
33312	Construction machinery mfg .....	2000.. 71 777	3 723 847	2 891 623	832 224	2
		1999.. 72 176	3 808 986	2 923 783	885 203	2
		1998.. 74 353	3 989 944	3 058 775	931 169	1
		1997.. 74 741	3 931 170	2 990 139	941 031	X
333120	Construction machinery mfg .....	2000.. 71 777	3 723 847	2 891 623	832 224	2
		1999.. 72 176	3 808 986	2 923 783	885 203	2
		1998.. 74 353	3 989 944	3 058 775	931 169	1
		1997.. 74 741	3 931 170	2 990 139	941 031	X
33313	Mining & oil & gas field machinery mfg .....	2000.. 38 277	1 960 864	1 580 261	380 603	4
		1999.. 40 070	1 924 155	1 549 316	374 839	5
		1998.. 43 808	2 106 954	1 688 570	418 384	1
		1997.. 41 748	1 995 374	1 597 287	398 087	X
333131	Mining machinery & equipment mfg .....	2000.. 11 237	563 635	441 920	121 715	3
		1999.. 12 591	577 642	454 710	122 932	3
		1998.. 14 599	657 603	520 958	136 645	3
		1997.. 13 507	614 312	485 338	128 974	X
333132	Oil & gas field machinery & equipment mfg .....	2000.. 27 040	1 397 229	1 138 341	258 889	6
		1999.. 27 479	1 346 513	1 094 605	251 907	7
		1998.. 29 209	1 449 351	1 167 612	281 739	1
		1997.. 28 241	1 381 062	1 111 949	269 113	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
333	Machinery mfg—Con.					
3332	Industrial machinery mfg .....	198 470	10 757 010	8 843 852	1 913 158	1
	2000..	189 147	9 798 228	8 025 336	1 772 892	1
	1999..	197 811	9 472 758	7 699 600	1 773 158	1
	1998..	194 210	9 401 439	7 616 113	1 785 326	X
	1997..					
33321	Sawmill & woodworking machinery mfg .....	8 851	400 984	327 286	73 698	4
	2000..	8 747	380 780	311 958	68 821	3
	1999..	9 227	401 187	318 015	83 172	7
	1998..	8 973	368 227	297 430	70 797	X
	1997..					
333210	Sawmill & woodworking machinery mfg .....	8 851	400 984	327 286	73 698	4
	2000..	8 747	380 780	311 958	68 821	3
	1999..	9 227	401 187	318 015	83 172	7
	1998..	8 973	368 227	297 430	70 797	X
	1997..					
33322	Plastics & rubber industry machinery mfg .....	17 596	949 959	759 887	190 073	5
	2000..	17 304	896 972	720 215	176 757	4
	1999..	18 783	895 961	719 535	176 426	2
	1998..	18 530	931 124	741 819	189 305	X
	1997..					
333220	Plastics & rubber industry machinery mfg .....	17 596	949 959	759 887	190 073	5
	2000..	17 304	896 972	720 215	176 757	4
	1999..	18 783	895 961	719 535	176 426	2
	1998..	18 530	931 124	741 819	189 305	X
	1997..					
33329	Other industrial machinery mfg .....	172 023	9 406 067	7 756 679	1 649 387	1
	2000..	163 096	8 520 476	6 993 163	1 527 313	1
	1999..	169 800	8 175 610	6 662 050	1 513 560	1
	1998..	166 707	8 102 088	6 576 864	1 525 224	X
	1997..					
333291	Paper industry machinery mfg .....	15 806	907 784	730 890	176 894	5
	2000..	16 400	919 009	739 920	179 089	4
	1999..	18 539	956 958	771 823	185 135	2
	1998..	18 313	950 710	761 458	189 252	X
	1997..					
333292	Textile machinery mfg .....	12 409	537 460	437 542	99 918	6
	2000..	12 513	508 920	423 082	85 838	3
	1999..	12 813	525 769	441 680	84 088	5
	1998..	13 511	532 977	445 381	87 596	X
	1997..					
333293	Printing machinery & equipment mfg .....	19 998	1 111 154	911 782	199 372	2
	2000..	19 596	1 056 144	865 268	190 876	2
	1999..	21 140	1 070 881	871 206	199 675	1
	1998..	22 390	1 128 250	924 863	203 387	X
	1997..					
333294	Food product machinery mfg .....	18 110	881 679	721 330	160 349	3
	2000..	19 102	893 707	725 190	168 518	3
	1999..	19 054	894 064	728 644	165 420	3
	1998..	18 898	873 510	711 852	161 658	X
	1997..					
333295	Semiconductor machinery mfg .....	51 427	3 278 460	2 744 838	533 622	3
	2000..	41 586	2 528 024	2 105 480	422 543	2
	1999..	43 995	2 200 444	1 777 586	422 858	2
	1998..	40 104	2 128 563	1 702 788	425 775	X
	1997..					
333298	All other industrial machinery mfg .....	54 273	2 689 530	2 210 298	479 232	3
	2000..	53 899	2 614 673	2 134 222	480 451	2
	1999..	54 259	2 527 495	2 071 112	456 383	3
	1998..	53 491	2 488 078	2 030 522	457 556	X
	1997..					
3333	Commercial & service industry machinery mfg .....	124 685	5 936 582	4 746 519	1 190 063	2
	2000..	129 479	5 954 997	4 774 988	1 180 009	1
	1999..	129 557	5 839 291	4 694 721	1 144 570	1
	1998..	129 691	5 828 694	4 698 826	1 129 868	X
	1997..					
33331	Commercial & service industry machinery mfg .....	124 685	5 936 582	4 746 519	1 190 063	2
	2000..	129 479	5 954 997	4 774 988	1 180 009	1
	1999..	129 557	5 839 291	4 694 721	1 144 570	1
	1998..	129 691	5 828 694	4 698 826	1 129 868	X
	1997..					
333311	Automatic vending machine mfg .....	8 840	310 284	252 160	58 125	4
	2000..	9 477	328 411	261 928	66 483	5
	1999..	8 806	283 382	224 858	58 524	2
	1998..	8 220	270 777	216 397	54 380	X
	1997..					
333312	Commercial laundry, drycleaning, & pressing machine mfg .....	3 781	153 478	124 375	29 103	6
	2000..	4 204	159 120	129 929	29 191	5
	1999..	4 434	164 671	134 405	30 266	1
	1998..	4 523	168 346	136 783	31 563	X
	1997..					
333313	Office machinery mfg .....	11 472	464 589	376 434	88 155	5
	2000..	13 063	500 896	409 343	91 553	4
	1999..	13 403	516 403	434 135	82 268	3
	1998..	14 586	529 686	452 165	77 521	X
	1997..					
333314	Optical instrument & lens mfg .....	22 085	1 193 208	957 346	235 862	10
	2000..	23 398	1 168 340	948 190	220 149	7
	1999..	20 397	1 021 058	841 457	179 602	3
	1998..	20 351	993 429	812 428	181 001	X
	1997..					
333315	Photographic & photocopying equipment mfg .....	19 672	1 102 005	868 138	233 866	2
	2000..	19 750	1 110 511	876 772	233 738	2
	1999..	23 611	1 305 290	1 030 362	274 928	1
	1998..	24 143	1 346 211	1 074 710	271 501	X
	1997..					
333319	Other commercial & service industry machinery mfg .....	58 835	2 713 019	2 168 066	544 952	2
	2000..	59 588	2 687 719	2 148 826	538 893	1
	1999..	58 906	2 548 486	2 029 504	518 982	1
	1998..	57 868	2 520 245	2 006 343	513 902	X
	1997..					

See footnotes at end of table.

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
333	Machinery mfg—Con.					
3334	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 184 513	7 762 980	6 146 283	1 616 697	2
		1999.. 180 399	7 313 794	5 810 285	1 503 509	2
		1998.. 174 324	6 931 769	5 504 294	1 427 475	1
		1997.. 174 136	6 710 638	5 344 894	1 365 744	X
33341	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 184 513	7 762 980	6 146 283	1 616 697	2
		1999.. 180 399	7 313 794	5 810 285	1 503 509	2
		1998.. 174 324	6 931 769	5 504 294	1 427 475	1
		1997.. 174 136	6 710 638	5 344 894	1 365 744	X
333411	Air purification equipment mfg .....	2000.. 15 725	584 564	480 855	103 709	5
		1999.. 15 901	541 613	445 450	96 162	5
		1998.. 16 270	564 504	464 383	100 121	2
		1997.. 16 447	581 954	479 162	102 792	X
333412	Industrial & commercial fan & blower mfg .....	2000.. 15 096	626 211	509 789	116 422	4
		1999.. 15 656	628 704	513 224	115 479	3
		1998.. 14 534	585 936	476 050	109 887	7
		1997.. 13 706	528 128	431 622	96 506	X
333414	Heating equipment (except warm air furnaces) mfg .....	2000.. 26 010	1 061 156	857 124	204 032	3
		1999.. 24 880	1 008 241	808 546	199 695	3
		1998.. 23 510	900 198	719 194	181 003	3
		1997.. 24 597	936 247	755 114	181 133	X
333415	AC & warm air heating & commercial/industrial refrig equip mfg .....	2000.. 127 682	5 491 049	4 298 515	1 192 534	2
		1999.. 123 962	5 135 237	4 043 064	1 092 172	2
		1998.. 120 011	4 881 131	3 844 667	1 036 464	1
		1997.. 119 386	4 664 309	3 678 996	985 313	X
3335	Metalworking machinery mfg .....	2000.. 235 496	11 981 000	10 011 867	1 969 133	1
		1999.. 239 862	11 849 251	9 835 871	2 013 380	1
		1998.. 247 187	12 132 672	10 002 017	2 130 655	1
		1997.. 242 963	11 902 914	9 827 519	2 075 395	X
33351	Metalworking machinery mfg .....	2000.. 235 496	11 981 000	10 011 867	1 969 133	1
		1999.. 239 862	11 849 251	9 835 871	2 013 380	1
		1998.. 247 187	12 132 672	10 002 017	2 130 655	1
		1997.. 242 963	11 902 914	9 827 519	2 075 395	X
333511	Industrial mold mfg .....	2000.. 49 895	2 565 494	2 182 870	382 624	2
		1999.. 50 789	2 522 217	2 120 867	401 350	2
		1998.. 48 931	2 480 114	2 072 760	407 353	1
		1997.. 48 113	2 467 952	2 067 403	400 549	X
333512	Machine tool (metal cutting types) mfg .....	2000.. 23 896	1 371 479	1 120 503	250 976	3
		1999.. 25 497	1 418 096	1 159 444	258 652	3
		1998.. 27 539	1 476 253	1 196 365	279 888	1
		1997.. 29 577	1 572 796	1 274 460	298 336	X
333513	Machine tool (metal forming types) mfg .....	2000.. 13 391	736 727	602 871	133 857	4
		1999.. 13 529	737 886	596 008	141 878	3
		1998.. 15 154	792 998	640 710	152 288	2
		1997.. 14 141	737 492	596 804	140 688	X
333514	Special die & tool, die set, jig, & fixture mfg .....	2000.. 77 958	3 808 465	3 229 921	578 544	2
		1999.. 80 159	3 839 244	3 227 356	611 888	2
		1998.. 82 269	3 915 690	3 274 181	641 509	1
		1997.. 79 994	3 857 540	3 226 074	631 466	X
333515	Cutting tool & machine tool accessory mfg .....	2000.. 46 182	2 124 952	1 721 515	403 437	3
		1999.. 45 898	2 014 727	1 634 654	380 073	2
		1998.. 49 706	2 126 735	1 712 647	414 088	1
		1997.. 48 017	2 033 357	1 644 426	388 931	X
333516	Rolling mill machinery & equipment mfg .....	2000.. 3 233	193 063	159 626	33 438	15
		1999.. 3 094	155 196	127 447	27 749	6
		1998.. 4 290	219 452	179 144	40 308	5
		1997.. 4 149	206 589	167 312	39 277	X
333518	Other metalworking machinery mfg .....	2000.. 20 941	1 180 818	994 561	186 257	3
		1999.. 20 897	1 161 883	970 094	191 790	2
		1998.. 19 298	1 121 431	926 210	195 221	3
		1997.. 18 972	1 027 188	851 040	176 148	X
3336	Engine, turbine, & power transmission equipment mfg .....	2000.. 113 909	6 495 570	5 038 575	1 456 995	2
		1999.. 116 434	6 403 905	5 009 441	1 394 464	1
		1998.. 112 399	6 088 767	4 704 387	1 384 381	1
		1997.. 113 802	6 002 034	4 638 042	1 363 992	X
33361	Engine, turbine, & power transmission equipment mfg .....	2000.. 113 909	6 495 570	5 038 575	1 456 995	2
		1999.. 116 434	6 403 905	5 009 441	1 394 464	1
		1998.. 112 399	6 088 767	4 704 387	1 384 381	1
		1997.. 113 802	6 002 034	4 638 042	1 363 992	X
333611	Turbine & turbine generator set unit mfg .....	2000.. 17 494	1 161 231	936 781	224 450	6
		1999.. 19 236	1 134 043	912 358	221 685	3
		1998.. 18 062	1 060 394	837 210	223 184	1
		1997.. 19 529	1 156 469	910 316	246 153	X
333612	Speed changer, industrial high-speed drive, & gear mfg .....	2000.. 15 477	771 010	613 614	157 396	5
		1999.. 16 011	781 735	623 525	158 211	4
		1998.. 15 784	766 257	607 540	158 717	1
		1997.. 16 182	752 318	594 251	158 067	X
333613	Mechanical power transmission equipment mfg .....	2000.. 21 644	1 050 780	823 347	227 433	5
		1999.. 21 966	1 003 245	782 969	220 276	5
		1998.. 21 713	1 006 186	788 564	217 622	1
		1997.. 21 271	967 374	759 037	208 337	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
333	Machinery mfg—Con.					
3336	Engine, turbine, & power transmission equipment mfg—Con.					
33361	Engine, turbine, & power transmission equipment mfg—Con.					
333618	Other engine equipment mfg .....	2000.. 59 294	3 512 549	2 664 832	847 716	2
		1999.. 59 221	3 484 882	2 690 589	794 292	1
		1998.. 56 839	3 255 931	2 471 072	784 858	1
		1997.. 56 820	3 125 873	2 374 438	751 435	X
3339	Other general-purpose machinery mfg .....	2000.. 349 991	17 296 923	13 887 932	3 408 992	1
		1999.. 348 564	16 809 093	13 561 430	3 247 663	1
		1998.. 360 458	16 946 380	13 560 436	3 385 944	1
		1997.. 354 510	16 469 764	13 197 126	3 272 638	X
33391	Pump & compressor mfg .....	2000.. 61 175	3 214 832	2 550 574	664 258	2
		1999.. 65 035	3 266 934	2 615 179	651 755	1
		1998.. 69 611	3 419 585	2 691 140	728 445	2
		1997.. 67 263	3 254 783	2 571 850	682 933	X
333911	Pump & pumping equipment mfg .....	2000.. 33 543	1 795 629	1 433 349	362 280	2
		1999.. 34 840	1 779 574	1 432 074	347 500	2
		1998.. 37 234	1 882 821	1 491 460	391 361	3
		1997.. 36 020	1 758 992	1 402 147	356 845	X
333912	Air & gas compressor mfg .....	2000.. 21 559	1 127 564	884 392	243 172	3
		1999.. 23 348	1 149 908	917 922	231 986	2
		1998.. 25 925	1 214 103	947 337	266 766	2
		1997.. 24 582	1 182 984	925 655	257 329	X
333913	Measuring & dispensing pump mfg .....	2000.. 6 074	291 639	232 833	58 806	2
		1999.. 6 846	337 452	265 183	72 269	1
		1998.. 6 452	322 660	252 342	70 318	1
		1997.. 6 661	312 807	244 048	68 759	X
33392	Material handling equipment mfg .....	2000.. 99 859	4 779 523	3 838 297	941 226	2
		1999.. 95 980	4 534 152	3 661 890	872 262	1
		1998.. 94 390	4 280 904	3 447 418	833 486	1
		1997.. 92 600	4 148 226	3 330 707	817 519	X
333921	Elevator & moving stairway mfg .....	2000.. 10 515	476 251	378 044	98 207	4
		1999.. 9 481	435 106	345 311	89 795	3
		1998.. 9 489	414 813	333 280	81 533	4
		1997.. 9 442	428 381	340 525	87 856	X
333922	Conveyor & conveying equipment mfg .....	2000.. 40 370	2 122 604	1 722 091	400 512	2
		1999.. 39 291	2 046 424	1 675 605	370 818	2
		1998.. 39 134	1 912 030	1 551 065	360 964	3
		1997.. 39 421	1 894 745	1 531 932	362 813	X
333923	Overhead traveling crane, hoist, & monorail system mfg .....	2000.. 22 528	970 455	766 738	203 717	5
		1999.. 20 275	872 714	697 932	174 782	4
		1998.. 18 993	784 286	618 890	165 395	1
		1997.. 17 784	715 388	564 482	150 906	X
333924	Industrial truck, tractor, trailer, & stacker machinery mfg .....	2000.. 26 447	1 210 213	971 423	238 790	2
		1999.. 26 933	1 179 909	943 042	236 866	2
		1998.. 26 774	1 169 776	944 182	225 594	1
		1997.. 25 953	1 109 712	893 768	215 944	X
33399	All other general-purpose machinery mfg .....	2000.. 188 957	9 302 568	7 499 061	1 803 508	1
		1999.. 187 549	9 008 007	7 284 361	1 723 646	1
		1998.. 196 457	9 245 891	7 421 878	1 824 013	1
		1997.. 194 647	9 066 755	7 294 569	1 772 186	X
333991	Power-driven handtool mfg .....	2000.. 17 216	725 570	565 494	160 076	2
		1999.. 16 389	671 525	523 447	148 078	1
		1998.. 16 793	709 454	553 440	156 015	1
		1997.. 16 816	676 296	531 378	144 918	X
333992	Welding & soldering equipment mfg .....	2000.. 20 087	999 408	813 344	186 065	4
		1999.. 18 488	937 461	758 202	179 259	3
		1998.. 21 128	1 032 332	840 387	191 945	1
		1997.. 22 505	1 114 116	918 180	195 936	X
333993	Packaging machinery mfg .....	2000.. 29 252	1 543 358	1 263 212	280 146	2
		1999.. 31 000	1 575 606	1 294 363	281 243	2
		1998.. 32 385	1 613 321	1 307 899	305 423	1
		1997.. 32 109	1 577 209	1 278 345	298 864	X
333994	Industrial process furnace & oven mfg .....	2000.. 16 345	788 939	632 925	156 014	4
		1999.. 16 834	771 312	624 847	146 465	3
		1998.. 17 929	830 133	670 345	159 788	2
		1997.. 17 575	814 914	657 327	157 587	X
333995	Fluid power cylinder & actuator mfg .....	2000.. 23 710	1 238 471	980 485	257 986	3
		1999.. 24 801	1 265 644	1 002 336	263 308	2
		1998.. 24 484	1 247 313	965 324	281 989	1
		1997.. 23 030	1 170 843	898 428	272 415	X
333996	Fluid power pump & motor mfg .....	2000.. 15 934	824 714	634 297	190 417	2
		1999.. 15 620	787 593	611 710	175 883	2
		1998.. 17 189	850 372	672 415	177 956	1
		1997.. 15 963	787 383	620 397	166 986	X
333997	Scale & balance (except laboratory) mfg .....	2000.. 4 613	202 945	163 102	39 843	11
		1999.. 4 896	205 353	165 976	39 377	10
		1998.. 4 849	199 227	157 030	42 196	6
		1997.. 4 856	190 839	148 487	42 352	X
333999	All other miscellaneous general-purpose machinery mfg .....	2000.. 61 801	2 979 163	2 446 203	532 960	2
		1999.. 59 521	2 793 513	2 303 480	490 033	1
		1998.. 61 699	2 763 740	2 255 037	508 703	1
		1997.. 61 793	2 735 155	2 242 027	493 128	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
334	Computer & electronic product mfg .....	2000.. 1 644 373	98 293 036	80 288 570	18 004 466	1
		1999.. 1 610 202	91 453 494	74 943 060	16 510 433	1
		1998.. 1 686 623	91 167 837	73 976 389	17 191 448	1
		1997.. 1 691 146	89 471 578	72 483 848	16 987 730	X
3341	Computer & peripheral equipment mfg .....	2000.. 190 307	12 464 211	10 377 936	2 086 275	1
		1999.. 207 666	13 045 710	10 984 050	2 061 660	2
		1998.. 239 921	13 646 582	11 233 494	2 413 088	2
		1997.. 240 307	13 284 865	10 899 245	2 385 620	X
33411	Computer & peripheral equipment mfg .....	2000.. 190 307	12 464 211	10 377 936	2 086 275	1
		1999.. 207 666	13 045 710	10 984 050	2 061 660	2
		1998.. 239 921	13 646 582	11 233 494	2 413 088	2
		1997.. 240 307	13 284 865	10 899 245	2 385 620	X
334111	Electronic computer mfg .....	2000.. 73 730	5 078 196	4 318 974	759 222	1
		1999.. 83 677	5 432 188	4 715 056	717 132	1
		1998.. 95 806	5 132 254	4 277 845	854 409	1
		1997.. 99 427	5 195 503	4 239 347	956 156	X
334112	Computer storage device mfg .....	2000.. 32 296	2 176 865	1 731 262	445 603	3
		1999.. 37 044	2 128 183	1 712 821	415 362	2
		1998.. 45 361	2 565 852	2 066 595	499 258	1
		1997.. 42 012	2 345 847	1 910 310	435 537	X
334113	Computer terminal mfg .....	2000.. 3 270	179 454	149 636	29 818	9
		1999.. 4 409	222 050	183 737	38 313	5
		1998.. 5 167	262 714	218 247	44 466	5
		1997.. 5 764	303 566	253 086	50 480	X
334119	Other computer peripheral equipment mfg .....	2000.. 81 011	5 029 696	4 178 064	851 632	2
		1999.. 82 536	5 263 289	4 372 437	890 853	5
		1998.. 93 587	5 685 762	4 670 807	1 014 954	4
		1997.. 93 104	5 439 949	4 496 502	943 447	X
3342	Communications equipment mfg .....	2000.. 291 122	20 292 829	16 591 288	3 701 541	6
		1999.. 274 161	17 395 567	14 259 489	3 136 078	1
		1998.. 286 973	17 004 965	13 804 299	3 200 666	1
		1997.. 294 865	17 013 352	13 826 630	3 186 722	X
33421	Telephone apparatus mfg .....	2000.. 108 799	8 460 259	6 983 865	1 476 394	4
		1999.. 108 459	7 687 858	6 261 789	1 426 069	2
		1998.. 101 364	6 681 506	5 378 812	1 302 695	1
		1997.. 103 874	6 635 405	5 377 394	1 258 011	X
334210	Telephone apparatus mfg .....	2000.. 108 799	8 460 259	6 983 865	1 476 394	4
		1999.. 108 459	7 687 858	6 261 789	1 426 069	2
		1998.. 101 364	6 681 506	5 378 812	1 302 695	1
		1997.. 103 874	6 635 405	5 377 394	1 258 011	X
33422	Radio & TV broadcasting & wireless communications equipment mfg .....	2000.. 159 441	10 790 470	8 746 005	2 044 465	10
		1999.. 141 726	8 679 150	7 155 428	1 523 722	2
		1998.. 161 264	9 207 098	7 514 117	1 692 982	1
		1997.. 166 801	9 309 679	7 572 853	1 736 826	X
334220	Radio & TV broadcasting & wireless communications equipment mfg .....	2000.. 159 441	10 790 470	8 746 005	2 044 465	10
		1999.. 141 726	8 679 150	7 155 428	1 523 722	2
		1998.. 161 264	9 207 098	7 514 117	1 692 982	1
		1997.. 166 801	9 309 679	7 572 853	1 736 826	X
33429	Other communications equipment mfg .....	2000.. 22 882	1 042 101	861 418	180 682	3
		1999.. 23 977	1 028 559	842 271	186 287	3
		1998.. 24 345	1 116 360	911 371	204 989	1
		1997.. 24 190	1 068 268	876 383	191 885	X
334290	Other communications equipment mfg .....	2000.. 22 882	1 042 101	861 418	180 682	3
		1999.. 23 977	1 028 559	842 271	186 287	3
		1998.. 24 345	1 116 360	911 371	204 989	1
		1997.. 24 190	1 068 268	876 383	191 885	X
3343	Audio & video equipment mfg .....	2000.. 28 692	1 179 702	975 307	204 395	4
		1999.. 29 760	1 211 371	990 808	220 563	3
		1998.. 32 373	1 201 552	958 676	242 876	2
		1997.. 30 306	1 151 516	918 069	233 447	X
33431	Audio & video equipment mfg .....	2000.. 28 692	1 179 702	975 307	204 395	4
		1999.. 29 760	1 211 371	990 808	220 563	3
		1998.. 32 373	1 201 552	958 676	242 876	2
		1997.. 30 306	1 151 516	918 069	233 447	X
334310	Audio & video equipment mfg .....	2000.. 28 692	1 179 702	975 307	204 395	4
		1999.. 29 760	1 211 371	990 808	220 563	3
		1998.. 32 373	1 201 552	958 676	242 876	2
		1997.. 30 306	1 151 516	918 069	233 447	X
3344	Semiconductor & other electronic component mfg ..	2000.. 620 927	32 547 711	26 663 227	5 884 484	1
		1999.. 586 221	29 324 556	24 043 676	5 280 880	1
		1998.. 585 395	27 458 385	22 320 889	5 137 496	1
		1997.. 587 313	27 196 768	22 142 761	5 054 007	X
33441	Semiconductor & other electronic component mfg .....	2000.. 620 927	32 547 711	26 663 227	5 884 484	1
		1999.. 586 221	29 324 556	24 043 676	5 280 880	1
		1998.. 585 395	27 458 385	22 320 889	5 137 496	1
		1997.. 587 313	27 196 768	22 142 761	5 054 007	X
334411	Electron tube mfg .....	2000.. 16 187	833 567	633 281	200 286	1
		1999.. 17 619	852 218	663 279	188 938	1
		1998.. 21 443	949 837	736 774	213 063	1
		1997.. 21 656	934 729	726 712	208 017	X
334412	Bare printed circuit board mfg .....	2000.. 84 013	3 475 273	2 934 958	540 315	4
		1999.. 81 416	3 198 060	2 661 239	536 822	3
		1998.. 78 774	2 884 516	2 395 819	488 697	1
		1997.. 72 282	2 532 565	2 110 176	422 389	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
334	Computer & electronic product mfg—Con.					
3344	Semiconductor & other electronic component mfg—Con.					
33441	Semiconductor & other electronic component mfg—Con.					
334413	Semiconductor & related device mfg . . . . .	2000.. 233 873	15 991 885	13 074 995	2 916 890	2
		1999.. 214 667	14 213 767	11 651 290	2 562 478	1
		1998.. 203 058	12 882 844	10 449 335	2 433 509	1
		1997.. 199 037	12 371 162	10 101 783	2 269 379	X
334414	Electronic capacitor mfg . . . . .	2000.. 18 013	722 332	579 244	143 088	5
		1999.. 16 159	609 166	481 969	127 197	3
		1998.. 18 197	640 899	510 415	130 484	1
		1997.. 19 317	673 062	539 446	133 616	X
334415	Electronic resistor mfg . . . . .	2000.. 9 473	338 169	273 134	65 035	4
		1999.. 9 470	331 219	268 259	62 960	4
		1998.. 10 755	358 087	288 205	69 882	2
		1997.. 11 624	376 350	305 365	70 985	X
334416	Electronic coil, transformer, & other inductor mfg . . . . .	2000.. 17 283	562 175	463 516	98 659	4
		1999.. 17 052	524 691	429 551	95 140	3
		1998.. 19 034	575 387	467 118	108 269	2
		1997.. 18 999	553 843	450 514	103 329	X
334417	Electronic connector mfg . . . . .	2000.. 33 918	1 557 764	1 276 021	281 743	3
		1999.. 32 844	1 380 997	1 128 374	252 623	3
		1998.. 39 358	1 479 615	1 187 395	292 220	3
		1997.. 37 589	1 465 298	1 171 568	293 730	X
334418	Printed circuit assembly (electronic assembly) mfg . . . . .	2000.. 116 806	5 385 217	4 411 585	973 632	3
		1999.. 105 956	4 696 406	3 865 530	830 876	2
		1998.. 104 960	4 328 232	3 549 080	779 151	2
		1997.. 115 076	4 954 244	4 007 610	946 634	X
334419	Other electronic component mfg . . . . .	2000.. 91 361	3 681 329	3 016 493	664 836	3
		1999.. 91 038	3 518 031	2 894 186	623 845	2
		1998.. 89 815	3 358 967	2 736 746	622 221	1
		1997.. 91 733	3 335 515	2 729 587	605 928	X
3345	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 469 407	29 894 752	24 105 486	5 789 265	1
		1999.. 466 032	28 514 756	23 052 018	5 462 739	1
		1998.. 483 865	29 430 021	23 668 120	5 761 901	1
		1997.. 484 438	28 556 358	22 843 455	5 712 903	X
33451	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 469 407	29 894 752	24 105 486	5 789 265	1
		1999.. 466 032	28 514 756	23 052 018	5 462 739	1
		1998.. 483 865	29 430 021	23 668 120	5 761 901	1
		1997.. 484 438	28 556 358	22 843 455	5 712 903	X
334510	Electromedical & electrotherapeutic apparatus mfg . . . . .	2000.. 52 280	3 258 049	2 675 043	583 006	2
		1999.. 53 237	3 107 498	2 588 044	519 454	2
		1998.. 55 333	3 201 870	2 670 194	531 676	5
		1997.. 55 044	3 171 177	2 635 085	536 092	X
334511	Search, detection, navigation, & guidance instrument mfg . . . . .	2000.. 179 508	12 722 233	10 120 039	2 602 194	1
		1999.. 172 452	11 982 789	9 571 931	2 410 857	1
		1998.. 188 299	12 867 553	10 257 901	2 609 652	1
		1997.. 188 325	12 642 907	9 977 629	2 665 278	X
334512	Automatic environmental control mfg . . . . .	2000.. 20 357	902 174	721 152	181 021	2
		1999.. 20 480	879 010	697 647	181 363	2
		1998.. 20 477	862 359	670 457	191 901	4
		1997.. 21 470	858 755	666 464	192 291	X
334513	Industrial process control instrument mfg . . . . .	2000.. 44 147	2 370 608	1 945 793	424 815	2
		1999.. 45 887	2 397 788	1 959 555	438 233	2
		1998.. 46 957	2 460 293	2 013 993	446 300	2
		1997.. 48 237	2 412 991	1 958 046	454 945	X
334514	Totalizing fluid meter & counting device mfg . . . . .	2000.. 19 210	1 127 558	891 927	235 631	3
		1999.. 19 644	1 156 991	937 130	219 861	3
		1998.. 16 726	889 658	695 847	193 811	1
		1997.. 17 155	873 870	666 032	207 838	X
334515	Electricity measuring & testing instrument mfg . . . . .	2000.. 62 136	4 191 344	3 396 082	795 263	2
		1999.. 63 181	3 871 480	3 143 835	727 645	2
		1998.. 63 976	4 037 601	3 222 892	814 709	3
		1997.. 63 891	3 782 652	3 045 208	737 444	X
334516	Analytical laboratory instrument mfg . . . . .	2000.. 36 183	2 303 229	1 883 491	419 737	3
		1999.. 36 113	2 202 445	1 784 706	417 739	2
		1998.. 36 278	2 179 165	1 767 898	411 267	1
		1997.. 36 820	2 137 988	1 728 708	409 280	X
334517	Irradiation apparatus mfg . . . . .	2000.. 12 312	804 391	663 082	141 309	3
		1999.. 12 717	834 343	689 773	144 569	2
		1998.. 13 929	835 228	692 336	142 893	1
		1997.. 13 547	777 695	642 088	135 607	X
334518	Watch, clock, & part mfg . . . . .	2000.. 7 343	268 755	218 154	50 601	6
		1999.. 7 480	261 517	211 189	50 329	4
		1998.. 6 521	250 549	199 384	51 165	2
		1997.. 6 333	225 441	178 487	46 954	X
334519	Other measuring & controlling device mfg . . . . .	2000.. 35 931	1 946 411	1 590 722	355 689	4
		1999.. 34 840	1 820 897	1 468 209	352 688	4
		1998.. 35 368	1 845 746	1 477 220	368 527	1
		1997.. 33 616	1 672 882	1 345 708	327 174	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
334	Computer & electronic product mfg—Con.					
3346	Mfg & reproducing magnetic & optical media . . . . .					
	2000 . . . . .	43 918	1 913 831	1 575 326	338 506	4
	1999 . . . . .	46 361	1 961 533	1 613 020	348 513	3
	1998 . . . . .	58 097	2 426 331	1 990 910	435 422	2
	1997 . . . . .	53 917	2 268 719	1 853 688	415 031	X
33461	Mfg & reproducing magnetic & optical media . . . . .					
	2000 . . . . .	43 918	1 913 831	1 575 326	338 506	4
	1999 . . . . .	46 361	1 961 533	1 613 020	348 513	3
	1998 . . . . .	58 097	2 426 331	1 990 910	435 422	2
	1997 . . . . .	53 917	2 268 719	1 853 688	415 031	X
334611	Software reproducing . . . . .					
	2000 . . . . .	1 835	93 094	80 402	12 692	65
	1999 . . . . .	2 785	113 341	98 862	14 479	52
	1998 . . . . .	12 432	544 210	466 143	78 067	5
	1997 . . . . .	7 868	365 442	302 863	62 579	X
334612	Prerecorded CD (except software), tape, & record reproducing . . . . .					
	2000 . . . . .	27 053	1 068 937	883 399	185 538	5
	1999 . . . . .	26 359	1 003 030	832 806	170 224	5
	1998 . . . . .	26 481	987 115	808 900	178 216	1
	1997 . . . . .	25 180	904 048	747 551	156 497	X
334613	Magnetic & optical recording media mfg . . . . .					
	2000 . . . . .	15 030	751 800	611 525	140 275	4
	1999 . . . . .	17 217	845 162	681 352	163 810	4
	1998 . . . . .	19 184	895 006	715 867	179 139	4
	1997 . . . . .	20 869	999 229	803 274	195 955	X
335	Electrical equipment, appliance, & component mfg . . . . .					
	2000 . . . . .	592 885	26 282 955	20 672 113	5 610 842	1
	1999 . . . . .	592 639	25 412 141	20 040 791	5 371 350	1
	1998 . . . . .	593 347	24 976 174	19 528 559	5 447 616	1
	1997 . . . . .	593 802	24 252 037	18 972 741	5 279 296	X
3351	Electric lighting equipment mfg . . . . .					
	2000 . . . . .	76 282	2 994 444	2 414 912	579 532	3
	1999 . . . . .	78 252	2 940 638	2 367 612	573 027	3
	1998 . . . . .	72 849	2 730 558	2 170 324	560 234	1
	1997 . . . . .	74 987	2 766 409	2 204 508	561 901	X
33511	Electric lamp bulb & part mfg . . . . .					
	2000 . . . . .	12 768	721 639	543 357	178 282	9
	1999 . . . . .	12 969	665 134	497 408	167 726	9
	1998 . . . . .	15 946	745 605	556 505	189 100	1
	1997 . . . . .	15 903	760 947	574 696	186 251	X
335110	Electric lamp bulb & part mfg . . . . .					
	2000 . . . . .	12 768	721 639	543 357	178 282	9
	1999 . . . . .	12 969	665 134	497 408	167 726	9
	1998 . . . . .	15 946	745 605	556 505	189 100	1
	1997 . . . . .	15 903	760 947	574 696	186 251	X
33512	Lighting fixture mfg . . . . .					
	2000 . . . . .	63 514	2 272 805	1 871 555	401 250	2
	1999 . . . . .	65 283	2 275 504	1 870 204	405 301	3
	1998 . . . . .	56 903	1 984 953	1 613 819	371 134	2
	1997 . . . . .	59 084	2 005 462	1 629 812	375 650	X
335121	Residential electric lighting fixture mfg . . . . .					
	2000 . . . . .	18 071	540 689	463 594	77 094	6
	1999 . . . . .	19 383	539 805	457 838	81 967	7
	1998 . . . . .	17 871	543 866	456 504	87 363	1
	1997 . . . . .	17 681	515 454	430 595	84 859	X
335122	Commercial/industrial/institutional electric lighting fixture mfg . . . . .					
	2000 . . . . .	23 836	899 439	736 215	163 224	4
	1999 . . . . .	24 711	886 892	732 607	154 285	4
	1998 . . . . .	22 273	788 489	632 564	155 926	1
	1997 . . . . .	23 098	811 444	657 592	153 852	X
335129	Other lighting equipment mfg . . . . .					
	2000 . . . . .	21 607	832 677	671 746	160 931	2
	1999 . . . . .	21 189	848 807	679 759	169 048	3
	1998 . . . . .	16 759	652 597	524 751	127 846	6
	1997 . . . . .	18 305	678 564	541 625	136 939	X
3352	Household appliance mfg . . . . .					
	2000 . . . . .	99 223	4 341 205	3 274 290	1 066 915	1
	1999 . . . . .	97 871	4 105 803	3 113 069	992 733	1
	1998 . . . . .	99 531	4 072 038	3 089 525	982 513	1
	1997 . . . . .	97 232	3 869 096	2 916 830	952 266	X
33521	Small electrical appliance mfg . . . . .					
	2000 . . . . .	24 477	958 305	747 552	210 753	3
	1999 . . . . .	23 987	862 497	677 382	185 116	3
	1998 . . . . .	26 419	957 914	742 960	214 954	1
	1997 . . . . .	27 505	967 089	748 041	219 048	X
335211	Electric housewares & household fan mfg . . . . .					
	2000 . . . . .	12 928	449 035	362 171	86 864	7
	1999 . . . . .	13 823	421 465	333 878	87 588	6
	1998 . . . . .	15 480	478 357	372 274	106 083	1
	1997 . . . . .	17 058	525 830	411 389	114 441	X
335212	Household vacuum cleaner mfg . . . . .					
	2000 . . . . .	11 549	509 270	385 381	123 889	1
	1999 . . . . .	10 164	441 032	343 504	97 528	2
	1998 . . . . .	10 939	479 557	370 685	108 871	1
	1997 . . . . .	10 447	441 259	336 652	104 607	X
33522	Major appliance mfg . . . . .					
	2000 . . . . .	74 746	3 382 900	2 526 738	856 162	1
	1999 . . . . .	73 884	3 243 305	2 435 687	807 618	1
	1998 . . . . .	73 113	3 114 125	2 346 565	767 559	1
	1997 . . . . .	69 727	2 902 007	2 168 789	733 218	X
335221	Household cooking appliance mfg . . . . .					
	2000 . . . . .	17 727	642 141	505 133	137 009	1
	1999 . . . . .	19 120	703 242	555 294	147 948	1
	1998 . . . . .	18 237	659 979	523 078	136 900	8
	1997 . . . . .	17 481	607 675	477 587	130 088	X
335222	Household refrigerator & home freezer mfg . . . . .					
	2000 . . . . .	27 428	1 330 092	978 161	351 931	1
	1999 . . . . .	25 683	1 208 004	873 720	334 284	1
	1998 . . . . .	24 921	1 156 227	837 302	318 925	1
	1997 . . . . .	24 597	1 117 658	801 717	315 941	X
335224	Household laundry equipment mfg . . . . .					
	2000 . . . . .	15 503	768 540	568 853	199 687	1
	1999 . . . . .	15 915	743 344	554 132	189 213	1
	1998 . . . . .	16 740	746 796	565 166	181 630	1
	1997 . . . . .	14 801	639 435	480 076	159 359	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
335	Electrical equipment, appliance, & component mfg—Con.					
3352	Household appliance mfg—Con.					
33522	Major appliance mfg—Con.					
335228	Other major household appliance mfg .....	2000.. 14 088	642 127	474 591	167 536	2
		1999.. 13 166	588 715	452 542	136 173	1
		1998.. 13 215	551 123	421 019	130 104	1
		1997.. 12 848	537 239	409 409	127 830	X
3353	Electrical equipment mfg .....	2000.. 196 425	8 927 186	7 079 038	1 848 148	1
		1999.. 201 491	8 914 508	7 071 304	1 843 205	1
		1998.. 205 756	8 973 245	7 013 831	1 959 414	2
		1997.. 209 311	8 758 471	6 845 920	1 912 551	X
33531	Electrical equipment mfg .....	2000.. 196 425	8 927 186	7 079 038	1 848 148	1
		1999.. 201 491	8 914 508	7 071 304	1 843 205	1
		1998.. 205 756	8 973 245	7 013 831	1 959 414	2
		1997.. 209 311	8 758 471	6 845 920	1 912 551	X
335311	Power, distribution, & specialty transformer mfg .....	2000.. 26 300	1 097 599	879 920	217 679	3
		1999.. 25 541	1 055 883	839 336	216 547	2
		1998.. 26 758	1 052 391	831 006	221 385	10
		1997.. 26 897	1 038 573	825 550	213 023	X
335312	Motor & generator mfg .....	2000.. 65 116	2 611 679	2 038 055	573 623	2
		1999.. 69 300	2 706 519	2 131 915	574 605	1
		1998.. 70 105	2 796 529	2 149 600	646 929	3
		1997.. 74 171	2 830 979	2 172 250	658 729	X
335313	Switchgear & switchboard apparatus mfg .....	2000.. 43 274	2 132 273	1 663 719	468 554	2
		1999.. 42 929	2 055 142	1 606 796	448 346	2
		1998.. 41 859	1 956 615	1 507 992	448 623	3
		1997.. 40 358	1 843 863	1 430 985	412 878	X
335314	Relay & industrial control mfg .....	2000.. 61 735	3 085 636	2 497 344	588 291	2
		1999.. 63 721	3 096 964	2 493 257	603 706	1
		1998.. 67 034	3 167 710	2 525 233	642 477	1
		1997.. 67 885	3 045 056	2 417 135	627 921	X
3359	Other electrical equipment & component mfg .....	2000.. 220 956	10 020 120	7 903 872	2 116 248	1
		1999.. 215 025	9 451 192	7 488 807	1 962 385	1
		1998.. 215 210	9 200 333	7 254 879	1 945 454	1
		1997.. 212 272	8 858 061	7 005 483	1 852 578	X
33591	Battery mfg.....	2000.. 32 477	1 538 268	1 182 935	355 333	2
		1999.. 31 727	1 467 278	1 148 977	318 301	2
		1998.. 30 686	1 378 909	1 061 894	317 015	1
		1997.. 32 507	1 405 994	1 087 746	318 248	X
335911	Storage battery mfg .....	2000.. 23 346	1 094 028	834 257	259 772	2
		1999.. 23 029	1 050 268	817 510	232 758	2
		1998.. 21 900	982 204	751 880	230 324	2
		1997.. 23 318	1 025 364	790 839	234 525	X
335912	Primary battery mfg .....	2000.. 9 131	444 240	348 679	95 561	3
		1999.. 8 699	417 010	331 468	85 543	2
		1998.. 8 786	396 705	310 014	86 691	1
		1997.. 9 189	380 630	296 907	83 723	X
33592	Communication & energy wire & cable mfg .....	2000.. 62 139	2 971 200	2 302 430	668 770	2
		1999.. 58 000	2 713 150	2 108 390	604 760	1
		1998.. 56 126	2 566 398	2 003 744	582 655	1
		1997.. 54 987	2 418 507	1 896 479	522 028	X
335921	Fiber optic cable mfg .....	2000.. 12 040	627 828	490 180	137 648	2
		1999.. 9 860	550 580	430 761	119 819	1
		1998.. 8 990	505 639	390 142	115 498	1
		1997.. 8 630	471 881	366 045	105 836	X
335929	Other communication & energy wire mfg .....	2000.. 50 099	2 343 372	1 812 250	531 122	3
		1999.. 48 140	2 162 570	1 677 628	484 942	1
		1998.. 47 136	2 060 759	1 613 602	447 157	1
		1997.. 46 357	1 946 626	1 530 434	416 192	X
33593	Wiring device mfg .....	2000.. 68 599	2 807 402	2 230 899	576 503	2
		1999.. 69 037	2 759 781	2 189 692	570 089	2
		1998.. 70 605	2 736 277	2 166 451	569 826	1
		1997.. 68 447	2 631 858	2 080 658	551 200	X
335931	Current-carrying wiring device mfg .....	2000.. 44 629	1 757 162	1 400 116	357 046	3
		1999.. 45 479	1 752 188	1 385 488	366 700	3
		1998.. 46 125	1 734 456	1 368 999	365 456	1
		1997.. 44 907	1 648 513	1 293 583	354 930	X
335932	Noncurrent-carrying wiring device mfg .....	2000.. 23 970	1 050 240	830 783	219 457	1
		1999.. 23 558	1 007 593	804 204	203 389	1
		1998.. 24 480	1 001 821	797 451	204 370	1
		1997.. 23 540	983 345	787 075	196 270	X
33599	All other electrical equipment & component mfg ..	2000.. 57 740	2 703 250	2 187 607	515 643	2
		1999.. 56 261	2 510 983	2 041 748	469 235	2
		1998.. 57 794	2 518 749	2 022 791	495 958	1
		1997.. 56 331	2 401 702	1 940 600	461 102	X
335991	Carbon & graphite product mfg .....	2000.. 9 959	479 201	371 014	108 188	6
		1999.. 10 290	489 145	378 493	110 653	4
		1998.. 10 562	525 159	397 049	128 109	2
		1997.. 10 691	523 243	397 781	125 462	X
335999	All other miscellaneous electrical equipment & component mfg .....	2000.. 47 781	2 224 048	1 816 593	407 455	2
		1999.. 45 971	2 021 838	1 663 255	358 582	2
		1998.. 47 232	1 993 590	1 625 742	367 849	2
		1997.. 45 640	1 878 459	1 542 819	335 640	X

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NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
336	Transportation equipment mfg .....	2000.. 1 839 281	112 449 548	86 876 819	25 572 729	1
		1999.. 1 873 543	111 468 103	87 236 224	24 231 879	1
		1998.. 1 886 700	105 241 643	82 177 792	23 063 851	1
		1997.. 1 842 315	104 066 528	79 616 518	24 450 010	X
3361	Motor vehicle mfg .....	2000.. 230 525	19 634 766	14 558 873	5 075 893	1
		1999.. 233 052	19 122 053	14 413 748	4 708 305	1
		1998.. 234 960	17 082 446	12 957 724	4 124 722	1
		1997.. 236 247	18 243 699	13 022 700	5 220 999	X
33611	Automobile & light duty motor vehicle mfg .....	2000.. 195 492	17 461 530	12 947 243	4 514 287	1
		1999.. 196 035	16 816 100	12 681 263	4 134 837	1
		1998.. 201 366	15 200 669	11 518 511	3 682 158	1
		1997.. 207 838	16 589 657	11 804 330	4 785 327	X
336111	Automobile mfg .....	2000.. 94 883	8 024 265	6 018 065	2 006 200	1
		1999.. 96 744	7 738 002	5 861 174	1 876 828	1
		1998.. 109 196	8 092 613	6 054 334	2 038 279	1
		1997.. 113 820	8 981 236	6 404 445	2 576 791	X
336112	Light truck & utility vehicle mfg .....	2000.. 100 609	9 437 265	6 929 178	2 508 087	1
		1999.. 99 291	9 078 098	6 820 089	2 258 009	1
		1998.. 92 170	7 108 055	5 464 176	1 643 879	1
		1997.. 94 018	7 608 421	5 399 885	2 208 536	X
33612	Heavy duty truck mfg .....	2000.. 35 033	2 173 235	1 611 629	561 606	1
		1999.. 37 018	2 305 953	1 732 485	573 468	1
		1998.. 33 594	1 881 778	1 439 213	442 564	1
		1997.. 28 409	1 654 042	1 218 370	435 672	X
336120	Heavy duty truck mfg .....	2000.. 35 033	2 173 235	1 611 629	561 606	1
		1999.. 37 018	2 305 953	1 732 485	573 468	1
		1998.. 33 594	1 881 778	1 439 213	442 564	1
		1997.. 28 409	1 654 042	1 218 370	435 672	X
3362	Motor vehicle body & trailer mfg .....	2000.. 136 621	5 052 495	4 193 787	858 708	2
		1999.. 137 608	4 937 270	4 109 735	827 535	2
		1998.. 129 031	4 399 386	3 631 182	768 204	1
		1997.. 125 015	4 163 604	3 386 084	777 520	X
33621	Motor vehicle body & trailer mfg .....	2000.. 136 621	5 052 495	4 193 787	858 708	2
		1999.. 137 608	4 937 270	4 109 735	827 535	2
		1998.. 129 031	4 399 386	3 631 182	768 204	1
		1997.. 125 015	4 163 604	3 386 084	777 520	X
336211	Motor vehicle body mfg .....	2000.. 44 360	1 746 162	1 447 260	298 902	2
		1999.. 43 170	1 654 562	1 374 014	280 548	3
		1998.. 43 306	1 526 721	1 267 038	259 683	3
		1997.. 42 773	1 496 394	1 225 282	271 112	X
336212	Truck trailer mfg .....	2000.. 34 259	1 237 952	1 010 487	227 465	3
		1999.. 34 984	1 212 752	988 478	224 273	4
		1998.. 31 909	1 115 081	905 967	209 114	2
		1997.. 30 648	1 076 221	835 977	240 244	X
336213	Motor home mfg .....	2000.. 18 160	658 188	541 627	116 561	4
		1999.. 20 391	773 785	651 724	122 062	3
		1998.. 18 306	655 122	542 184	112 938	1
		1997.. 17 801	599 548	499 374	100 174	X
336214	Travel trailer & camper mfg .....	2000.. 39 843	1 410 192	1 194 413	215 780	4
		1999.. 39 062	1 296 170	1 095 519	200 651	3
		1998.. 35 510	1 102 462	915 992	186 469	2
		1997.. 33 793	991 441	825 451	165 990	X
3363	Motor vehicle parts mfg .....	2000.. 803 048	46 329 863	35 279 664	11 050 199	1
		1999.. 799 174	44 521 294	34 606 160	9 915 134	1
		1998.. 789 564	40 645 218	31 382 928	9 262 290	1
		1997.. 779 913	41 187 305	30 960 765	10 226 540	X
33631	Motor vehicle gasoline engine & engine parts mfg .....	2000.. 97 306	6 204 511	4 741 705	1 462 806	2
		1999.. 97 551	6 102 457	4 726 986	1 375 471	1
		1998.. 98 593	5 486 867	4 214 555	1 272 312	1
		1997.. 97 823	5 517 721	4 184 639	1 333 082	X
336311	Carburetor, piston, piston ring, & valve mfg .....	2000.. 18 581	1 025 380	784 483	240 897	4
		1999.. 17 341	933 112	735 552	197 560	4
		1998.. 17 706	908 790	709 099	199 691	3
		1997.. 17 241	867 001	663 961	203 040	X
336312	Gasoline engine & engine parts mfg .....	2000.. 78 725	5 179 131	3 957 222	1 221 909	2
		1999.. 80 209	5 169 345	3 991 435	1 177 911	1
		1998.. 80 887	4 578 077	3 505 457	1 072 620	1
		1997.. 80 582	4 650 720	3 520 678	1 130 042	X
33632	Motor vehicle electrical & electronic equipment mfg .....	2000.. 118 826	6 011 888	4 604 974	1 406 914	5
		1999.. 117 577	5 642 803	4 359 549	1 283 255	4
		1998.. 114 955	5 105 917	3 928 384	1 177 533	1
		1997.. 114 196	5 362 193	3 981 222	1 380 971	X
336321	Vehicular lighting equipment mfg .....	2000.. 15 055	864 410	645 641	218 769	2
		1999.. 17 233	857 102	681 882	175 219	3
		1998.. 15 660	790 384	603 249	187 135	1
		1997.. 16 624	867 685	631 881	235 804	X
336322	Other motor vehicle electrical & electronic equipment mfg .....	2000.. 103 771	5 147 478	3 959 333	1 188 145	6
		1999.. 100 345	4 785 702	3 677 666	1 108 035	5
		1998.. 99 295	4 315 534	3 325 135	990 398	1
		1997.. 97 572	4 494 508	3 349 341	1 145 167	X

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NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
336	Transportation equipment mfg—Con.					
3363	Motor vehicle parts mfg—Con.					
33633	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 51 010	3 303 353	2 507 258	796 096	2
		1999.. 48 747	3 202 123	2 508 828	693 295	1
		1998.. 47 682	2 970 795	2 269 812	700 983	1
		1997.. 48 676	3 168 210	2 341 273	826 937	X
336330	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 51 010	3 303 353	2 507 258	796 096	2
		1999.. 48 747	3 202 123	2 508 828	693 295	1
		1998.. 47 682	2 970 795	2 269 812	700 983	1
		1997.. 48 676	3 168 210	2 341 273	826 937	X
33634	Motor vehicle brake system mfg .....	2000.. 44 156	2 127 739	1 599 437	528 303	2
		1999.. 44 638	2 196 411	1 690 889	505 522	2
		1998.. 45 807	2 041 012	1 551 511	489 501	1
		1997.. 43 146	1 998 779	1 503 210	495 569	X
336340	Motor vehicle brake system mfg .....	2000.. 44 156	2 127 739	1 599 437	528 303	2
		1999.. 44 638	2 196 411	1 690 889	505 522	2
		1998.. 45 807	2 041 012	1 551 511	489 501	1
		1997.. 43 146	1 998 779	1 503 210	495 569	X
33635	Motor vehicle transmission & power train parts mfg .....	2000.. 112 244	8 270 020	6 146 968	2 123 053	1
		1999.. 111 338	7 709 603	5 913 253	1 796 350	1
		1998.. 102 538	6 713 121	5 182 986	1 530 135	1
		1997.. 100 605	6 635 881	4 982 175	1 653 706	X
336350	Motor vehicle transmission & power train parts mfg .....	2000.. 112 244	8 270 020	6 146 968	2 123 053	1
		1999.. 111 338	7 709 603	5 913 253	1 796 350	1
		1998.. 102 538	6 713 121	5 182 986	1 530 135	1
		1997.. 100 605	6 635 881	4 982 175	1 653 706	X
33636	Motor vehicle seating & interior trim mfg .....	2000.. 56 473	2 576 299	1 980 444	595 855	1
		1999.. 55 455	2 491 145	1 972 061	519 084	1
		1998.. 48 898	2 078 622	1 636 272	442 349	1
		1997.. 47 885	1 994 067	1 532 785	461 282	X
336360	Motor vehicle seating & interior trim mfg .....	2000.. 56 473	2 576 299	1 980 444	595 855	1
		1999.. 55 455	2 491 145	1 972 061	519 084	1
		1998.. 48 898	2 078 622	1 636 272	442 349	1
		1997.. 47 885	1 994 067	1 532 785	461 282	X
33637	Motor vehicle metal stamping .....	2000.. 116 062	7 778 879	5 988 134	1 790 745	2
		1999.. 118 695	7 477 171	5 927 922	1 549 249	1
		1998.. 123 214	7 017 831	5 461 784	1 556 047	1
		1997.. 126 668	7 572 037	5 642 120	1 929 917	X
336370	Motor vehicle metal stamping .....	2000.. 116 062	7 778 879	5 988 134	1 790 745	2
		1999.. 118 695	7 477 171	5 927 922	1 549 249	1
		1998.. 123 214	7 017 831	5 461 784	1 556 047	1
		1997.. 126 668	7 572 037	5 642 120	1 929 917	X
33639	Other motor vehicle parts mfg .....	2000.. 206 972	10 057 173	7 710 746	2 346 427	2
		1999.. 205 173	9 699 581	7 506 672	2 192 908	2
		1998.. 207 877	9 231 054	7 137 624	2 093 430	1
		1997.. 200 914	8 938 417	6 793 341	2 145 076	X
336391	Motor vehicle air-conditioning mfg .....	2000.. 20 383	1 377 162	1 057 666	319 496	1
		1999.. 21 477	1 525 347	1 169 656	355 691	1
		1998.. 21 310	1 334 116	999 087	335 029	1
		1997.. 21 522	1 479 610	1 053 943	425 667	X
336399	All other motor vehicle parts mfg .....	2000.. 186 589	8 680 011	6 653 080	2 026 931	2
		1999.. 183 696	8 174 234	6 337 017	1 837 217	2
		1998.. 186 567	7 896 938	6 138 537	1 758 401	1
		1997.. 179 392	7 458 807	5 739 398	1 719 409	X
3364	Aerospace product & parts mfg .....	2000.. 444 870	31 197 718	24 697 149	6 500 569	1
		1999.. 484 659	33 134 184	26 381 357	6 752 826	1
		1998.. 517 014	33 774 222	26 848 225	6 925 997	1
		1997.. 487 114	31 488 440	25 159 567	6 328 873	X
33641	Aerospace product & parts mfg .....	2000.. 444 870	31 197 718	24 697 149	6 500 569	1
		1999.. 484 659	33 134 184	26 381 357	6 752 826	1
		1998.. 517 014	33 774 222	26 848 225	6 925 997	1
		1997.. 487 114	31 488 440	25 159 567	6 328 873	X
336411	Aircraft mfg .....	2000.. 184 698	12 938 859	10 318 500	2 620 359	1
		1999.. 194 158	13 377 104	10 709 911	2 667 194	1
		1998.. 213 148	14 243 678	11 289 840	2 953 837	1
		1997.. 202 491	13 366 721	10 839 372	2 527 349	X
336412	Aircraft engine & engine parts mfg .....	2000.. 81 961	5 713 649	4 488 092	1 225 557	1
		1999.. 85 111	5 726 085	4 520 839	1 205 246	1
		1998.. 84 617	5 435 596	4 292 039	1 143 558	1
		1997.. 84 373	5 416 713	4 298 767	1 117 946	X
336413	Other aircraft part & auxiliary equipment mfg .....	2000.. 119 207	7 707 120	6 016 011	1 691 109	2
		1999.. 132 663	7 973 109	6 306 306	1 666 803	2
		1998.. 140 978	8 170 998	6 464 831	1 706 167	1
		1997.. 124 677	7 129 164	5 574 824	1 554 340	X
336414	Guided missile & space vehicle mfg .....	2000.. 38 276	3 315 182	2 680 388	634 794	1
		1999.. 48 748	4 391 907	3 517 507	874 400	1
		1998.. 53 085	4 195 342	3 429 407	765 935	1
		1997.. 51 398	3 900 580	3 123 246	777 334	X
336415	Guided missile & space vehicle propulsion unit & parts mfg .....	2000.. 14 664	1 149 901	897 276	252 625	1
		1999.. 17 911	1 306 048	1 038 530	267 518	1
		1998.. 18 430	1 345 755	1 068 768	276 987	1
		1997.. 17 738	1 305 427	1 031 920	273 507	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	All employees	Compensation (\$1,000)			Relative standard error of estimate <sup>1</sup> (percent) for column—
			Total	Payroll	Total fringe benefits	
336	Transportation equipment mfg—Con.					
3364	Aerospace product & parts mfg—Con.					
33641	Aerospace product & parts mfg—Con.					
336419	Other guided missile & space vehicle parts & auxiliary equip mfg .....	2000.. 6 063	373 007	296 883	76 124	1
		1999.. 6 068	359 931	288 265	71 665	1
		1998.. 6 755	382 853	303 339	79 514	1
		1997.. 6 437	369 835	291 438	78 397	X
3365	Railroad rolling stock mfg .....	2000.. 37 312	2 021 844	1 544 098	477 746	2
		1999.. 38 511	2 011 352	1 532 969	478 383	2
		1998.. 37 351	1 895 103	1 440 110	454 993	1
		1997.. 34 012	1 739 073	1 319 135	419 938	X
33651	Railroad rolling stock mfg .....	2000.. 37 312	2 021 844	1 544 098	477 746	2
		1999.. 38 511	2 011 352	1 532 969	478 383	2
		1998.. 37 351	1 895 103	1 440 110	454 993	1
		1997.. 34 012	1 739 073	1 319 135	419 938	X
336510	Railroad rolling stock mfg .....	2000.. 37 312	2 021 844	1 544 098	477 746	2
		1999.. 38 511	2 011 352	1 532 969	478 383	2
		1998.. 37 351	1 895 103	1 440 110	454 993	1
		1997.. 34 012	1 739 073	1 319 135	419 938	X
3366	Ship & boat building .....	2000.. 144 909	6 273 146	5 011 058	1 262 088	3
		1999.. 139 851	5 925 748	4 707 901	1 217 846	3
		1998.. 137 756	5 632 955	4 461 362	1 171 594	1
		1997.. 138 237	5 529 868	4 382 998	1 146 870	X
33661	Ship & boat building .....	2000.. 144 909	6 273 146	5 011 058	1 262 088	3
		1999.. 139 851	5 925 748	4 707 901	1 217 846	3
		1998.. 137 756	5 632 955	4 461 362	1 171 594	1
		1997.. 138 237	5 529 868	4 382 998	1 146 870	X
336611	Ship building & repairing .....	2000.. 87 829	4 370 021	3 438 633	931 388	4
		1999.. 88 963	4 269 999	3 336 632	933 368	4
		1998.. 94 761	4 289 906	3 347 525	942 380	1
		1997.. 97 065	4 290 308	3 353 414	936 894	X
336612	Boat building .....	2000.. 57 080	1 903 125	1 572 424	330 701	2
		1999.. 50 888	1 655 748	1 371 270	284 479	2
		1998.. 42 995	1 343 050	1 113 836	229 213	1
		1997.. 41 172	1 239 560	1 029 584	209 976	X
3369	Other transportation equipment mfg .....	2000.. 41 995	1 939 716	1 592 190	347 526	2
		1999.. 40 688	1 816 203	1 484 354	331 849	2
		1998.. 41 024	1 812 312	1 456 262	356 050	1
		1997.. 41 777	1 714 539	1 385 269	329 270	X
33699	Other transportation equipment mfg .....	2000.. 41 995	1 939 716	1 592 190	347 526	2
		1999.. 40 688	1 816 203	1 484 354	331 849	2
		1998.. 41 024	1 812 312	1 456 262	356 050	1
		1997.. 41 777	1 714 539	1 385 269	329 270	X
336991	Motorcycle, bicycle, & parts mfg .....	2000.. 14 956	762 414	626 889	135 526	5
		1999.. 14 817	704 335	576 106	128 230	4
		1998.. 16 238	748 240	620 300	127 939	2
		1997.. 17 151	748 428	622 286	126 142	X
336992	Military armored vehicle, tank, & tank component mfg .....	2000.. 4 378	306 732	251 402	55 330	1
		1999.. 4 602	325 068	264 254	60 814	1
		1998.. 5 042	361 027	257 996	103 031	1
		1997.. 5 773	353 246	267 525	85 721	X
336999	All other transportation equipment mfg .....	2000.. 22 662	870 570	713 899	156 671	3
		1999.. 21 269	786 800	643 994	142 806	2
		1998.. 19 744	703 045	577 966	125 079	2
		1997.. 18 853	612 865	495 458	117 407	X
337	Furniture & related product mfg .....	2000.. 642 440	21 387 011	17 580 870	3 806 141	1
		1999.. 627 777	20 552 622	16 881 512	3 671 109	1
		1998.. 625 436	19 630 019	16 047 844	3 582 175	1
		1997.. 603 668	18 357 228	14 986 222	3 371 006	X
3371	Household & institutional furniture & kitchen cabinet mfg .....	2000.. 416 134	12 536 681	10 430 693	2 105 987	1
		1999.. 408 183	12 135 880	10 082 948	2 052 931	1
		1998.. 403 815	11 355 021	9 408 104	1 946 917	1
		1997.. 388 438	10 605 302	8 767 969	1 837 333	X
33711	Wood kitchen cabinet & counter top mfg .....	2000.. 115 356	3 627 706	3 040 588	587 119	2
		1999.. 106 635	3 314 234	2 774 165	540 069	2
		1998.. 104 932	2 985 576	2 486 496	499 081	2
		1997.. 99 266	2 797 724	2 320 124	477 600	X
337110	Wood kitchen cabinet & counter top mfg .....	2000.. 115 356	3 627 706	3 040 588	587 119	2
		1999.. 106 635	3 314 234	2 774 165	540 069	2
		1998.. 104 932	2 985 576	2 486 496	499 081	2
		1997.. 99 266	2 797 724	2 320 124	477 600	X
33712	Household & institutional furniture mfg .....	2000.. 300 777	8 908 975	7 390 106	1 518 869	1
		1999.. 301 548	8 821 646	7 308 784	1 512 862	1
		1998.. 298 882	8 369 444	6 921 608	1 447 836	1
		1997.. 289 172	7 807 578	6 447 845	1 359 733	X
337121	Upholstered household furniture mfg .....	2000.. 94 198	2 757 682	2 324 470	433 212	2
		1999.. 94 010	2 692 210	2 273 880	418 331	2
		1998.. 92 426	2 505 312	2 099 641	405 671	1
		1997.. 89 215	2 381 794	2 001 160	380 634	X
337122	Nonupholstered wood household furniture mfg .....	2000.. 135 488	3 740 379	3 094 848	645 531	2
		1999.. 134 169	3 726 443	3 058 177	668 265	2
		1998.. 132 404	3 549 958	2 922 443	627 516	1
		1997.. 127 703	3 253 118	2 674 409	578 709	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
337	Furniture & related product mfg—Con.					
3371	Household & institutional furniture & kitchen cabinet mfg—Con.					
33712	Household & institutional furniture mfg—Con.					
337124	Metal household furniture mfg .....	2000.. 21 852	642 030	521 548	120 482	4
		1999.. 21 433	626 135	511 298	114 837	4
		1998.. 23 704	679 684	543 026	136 658	3
		1997.. 22 827	627 309	505 291	122 018	X
337125	Household furniture (except wood & metal) mfg .....	2000.. 4 923	148 080	125 630	22 450	8
		1999.. 5 123	147 126	127 594	19 533	6
		1998.. 4 058	109 592	93 465	16 127	5
		1997.. 4 619	137 577	110 506	27 071	X
337127	Institutional furniture mfg .....	2000.. 40 846	1 527 038	1 247 471	279 567	3
		1999.. 42 826	1 520 102	1 250 652	269 450	2
		1998.. 41 927	1 412 763	1 173 177	239 587	4
		1997.. 40 442	1 298 127	1 069 509	228 618	X
337129	Wood television, radio, & sewing machine cabinet mfg .....	2000.. 3 469	93 765	76 139	17 626	10
		1999.. 3 987	109 630	87 184	22 446	5
		1998.. 4 362	112 135	89 857	22 278	2
		1997.. 4 366	109 653	86 970	22 683	X
3372	Office furniture (including fixtures) mfg .....	2000.. 177 914	7 218 585	5 820 134	1 398 451	2
		1999.. 173 446	6 885 206	5 552 511	1 332 695	2
		1998.. 176 912	6 832 987	5 489 683	1 343 304	1
		1997.. 172 723	6 436 146	5 172 846	1 263 300	X
33721	Office furniture (including fixtures) mfg .....	2000.. 177 914	7 218 585	5 820 134	1 398 451	2
		1999.. 173 446	6 885 206	5 552 511	1 332 695	2
		1998.. 176 912	6 832 987	5 489 683	1 343 304	1
		1997.. 172 723	6 436 146	5 172 846	1 263 300	X
337211	Wood office furniture mfg .....	2000.. 32 229	1 195 536	971 615	223 922	5
		1999.. 30 115	1 045 826	853 209	192 617	4
		1998.. 30 535	978 797	800 091	178 707	1
		1997.. 30 106	938 918	766 094	172 824	X
337212	Custom architectural woodwork & millwork mfg .....	2000.. 26 546	1 053 398	882 554	170 844	4
		1999.. 25 442	965 882	804 162	161 720	3
		1998.. 25 248	960 354	793 437	166 918	7
		1997.. 24 390	874 124	719 926	154 198	X
337214	Office furniture (except wood) mfg .....	2000.. 43 215	2 222 706	1 682 755	539 951	1
		1999.. 43 118	2 201 465	1 696 107	505 357	1
		1998.. 45 803	2 241 786	1 713 334	528 452	1
		1997.. 44 414	2 103 425	1 625 080	478 345	X
337215	Showcase, partition, shelving, & locker mfg .....	2000.. 75 924	2 746 944	2 283 209	463 735	5
		1999.. 74 771	2 672 034	2 199 033	473 001	5
		1998.. 75 325	2 652 050	2 182 822	469 228	2
		1997.. 73 813	2 519 679	2 061 746	457 933	X
3379	Other furniture related product mfg .....	2000.. 48 392	1 631 745	1 330 043	301 702	3
		1999.. 46 148	1 531 536	1 246 053	285 483	4
		1998.. 44 709	1 442 011	1 150 057	291 954	2
		1997.. 42 507	1 315 780	1 045 407	270 373	X
33791	Mattress mfg .....	2000.. 26 322	924 090	755 945	168 145	3
		1999.. 24 532	849 279	689 855	159 424	2
		1998.. 23 897	827 345	662 960	164 385	4
		1997.. 22 971	759 313	609 570	149 743	X
337910	Mattress mfg .....	2000.. 26 322	924 090	755 945	168 145	3
		1999.. 24 532	849 279	689 855	159 424	2
		1998.. 23 897	827 345	662 960	164 385	4
		1997.. 22 971	759 313	609 570	149 743	X
33792	Blind & shade mfg .....	2000.. 22 070	707 655	574 098	133 557	7
		1999.. 21 616	682 257	556 198	126 059	8
		1998.. 20 812	614 666	487 097	127 569	1
		1997.. 19 536	556 467	435 837	120 630	X
337920	Blind & shade mfg .....	2000.. 22 070	707 655	574 098	133 557	7
		1999.. 21 616	682 257	556 198	126 059	8
		1998.. 20 812	614 666	487 097	127 569	1
		1997.. 19 536	556 467	435 837	120 630	X
339	Miscellaneous mfg .....	2000.. 747 255	30 093 858	24 661 004	5 432 854	1
		1999.. 738 039	28 639 098	23 468 611	5 170 487	1
		1998.. 749 480	28 125 721	22 913 245	5 212 476	1
		1997.. 725 396	26 552 124	21 618 204	4 933 920	X
3391	Medical equipment & supplies mfg .....	2000.. 307 008	14 435 015	11 674 579	2 760 436	1
		1999.. 304 177	13 773 631	11 156 147	2 617 483	1
		1998.. 312 553	13 751 073	11 078 106	2 672 968	1
		1997.. 291 522	12 456 070	10 008 144	2 447 926	X
33911	Medical equipment & supplies mfg .....	2000.. 307 008	14 435 015	11 674 579	2 760 436	1
		1999.. 304 177	13 773 631	11 156 147	2 617 483	1
		1998.. 312 553	13 751 073	11 078 106	2 672 968	1
		1997.. 291 522	12 456 070	10 008 144	2 447 926	X
339111	Laboratory apparatus & furniture mfg .....	2000.. 15 133	840 546	701 352	139 194	5
		1999.. 15 461	772 035	642 453	129 582	4
		1998.. 16 540	764 188	630 392	133 796	2
		1997.. 16 626	752 645	609 237	143 408	X
339112	Surgical & medical instrument mfg .....	2000.. 104 218	5 437 013	4 418 982	1 018 030	3
		1999.. 105 956	5 244 079	4 294 525	949 554	3
		1998.. 108 837	5 266 511	4 257 081	1 009 430	1
		1997.. 105 016	4 979 698	4 015 772	963 926	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
339	Miscellaneous mfg—Con.					
3391	Medical equipment & supplies mfg—Con.					
33911	Medical equipment & supplies mfg—Con.					
339113	Surgical appliance & supplies mfg . . . . .	2000.. 97 815	4 748 991	3 765 422	983 569	2
		1999.. 93 765	4 470 003	3 540 461	929 541	2
		1998.. 91 574	4 391 224	3 488 634	902 589	3
		1997.. 85 646	3 745 720	2 982 742	762 978	X
339114	Dental equipment & supplies mfg. . . . .	2000.. 17 409	815 649	667 615	148 034	7
		1999.. 18 137	808 379	662 509	145 870	4
		1998.. 18 495	792 540	643 955	148 584	2
		1997.. 17 806	750 721	605 765	144 956	X
339115	Ophthalmic goods mfg . . . . .	2000.. 26 107	1 081 069	861 486	219 583	3
		1999.. 27 413	1 061 813	860 468	201 345	4
		1998.. 25 499	975 049	786 627	188 422	1
		1997.. 25 274	954 948	770 994	183 954	X
339116	Dental laboratories . . . . .	2000.. 46 326	1 511 747	1 259 723	252 024	2
		1999.. 43 445	1 417 322	1 155 731	261 591	2
		1998.. 51 607	1 561 563	1 271 416	290 147	1
		1997.. 41 154	1 272 338	1 023 634	248 704	X
3399	Other miscellaneous mfg . . . . .	2000.. 440 246	15 658 843	12 986 425	2 672 419	1
		1999.. 433 863	14 865 467	12 312 464	2 553 003	1
		1998.. 436 927	14 374 648	11 835 140	2 539 508	1
		1997.. 433 874	14 096 054	11 610 060	2 485 994	X
33991	Jewelry & silverware mfg . . . . .	2000.. 65 425	2 113 304	1 764 000	349 304	3
		1999.. 63 163	1 996 949	1 671 122	325 827	2
		1998.. 59 460	1 865 493	1 554 249	311 244	2
		1997.. 61 104	1 840 635	1 531 249	309 386	X
339911	Jewelry (except costume) mfg . . . . .	2000.. 39 930	1 323 286	1 118 316	204 970	4
		1999.. 37 307	1 228 712	1 039 351	189 361	2
		1998.. 32 963	1 059 086	892 326	166 762	3
		1997.. 34 731	1 057 032	888 911	168 121	X
339912	Silverware & plated ware mfg . . . . .	2000.. 5 148	190 703	153 577	37 126	4
		1999.. 5 510	195 582	157 493	38 089	2
		1998.. 6 357	250 194	205 640	44 554	2
		1997.. 6 378	224 011	183 237	40 774	X
339913	Jewelers' material & lapidary work mfg . . . . .	2000.. 5 251	175 467	143 451	32 016	2
		1999.. 5 083	169 958	137 551	32 407	2
		1998.. 5 503	149 380	122 170	27 209	5
		1997.. 5 275	159 055	128 585	30 470	X
339914	Costume jewelry & novelty mfg . . . . .	2000.. 15 096	423 847	348 655	75 192	4
		1999.. 15 263	402 698	336 727	65 971	3
		1998.. 14 636	406 831	334 112	72 719	3
		1997.. 14 720	400 537	330 516	70 021	X
33992	Sporting & athletic goods mfg . . . . .	2000.. 70 849	2 504 149	2 058 134	446 015	3
		1999.. 64 557	2 188 737	1 796 553	392 184	2
		1998.. 67 914	2 197 928	1 787 377	410 551	2
		1997.. 68 586	2 233 916	1 826 631	407 285	X
339920	Sporting & athletic goods mfg . . . . .	2000.. 70 849	2 504 149	2 058 134	446 015	3
		1999.. 64 557	2 188 737	1 796 553	392 184	2
		1998.. 67 914	2 197 928	1 787 377	410 551	2
		1997.. 68 586	2 233 916	1 826 631	407 285	X
33993	Doll, toy, & game mfg . . . . .	2000.. 26 240	880 796	717 229	163 567	4
		1999.. 27 540	861 448	701 082	160 366	3
		1998.. 31 798	983 874	801 232	182 642	2
		1997.. 32 286	991 794	809 666	182 128	X
339931	Doll & stuffed toy mfg . . . . .	2000.. 2 893	80 321	68 868	11 453	12
		1999.. 3 278	82 993	70 521	12 473	11
		1998.. 3 638	77 268	67 080	10 188	9
		1997.. 3 386	72 337	63 582	8 755	X
339932	Game, toy, & children's vehicle mfg . . . . .	2000.. 23 348	800 475	648 361	152 114	4
		1999.. 24 262	778 455	630 561	147 894	3
		1998.. 28 160	906 605	734 152	172 454	2
		1997.. 28 900	919 457	746 084	173 373	X
33994	Office supplies (except paper) mfg . . . . .	2000.. 26 498	961 737	773 256	188 481	3
		1999.. 27 234	955 588	767 135	188 453	2
		1998.. 29 592	1 002 053	812 939	189 113	2
		1997.. 30 138	994 734	799 867	194 867	X
339941	Pen & mechanical pencil mfg . . . . .	2000.. 8 153	337 393	265 613	71 781	1
		1999.. 8 120	323 641	255 494	68 147	1
		1998.. 8 816	354 991	283 311	71 681	5
		1997.. 8 198	324 583	255 377	69 206	X
339942	Lead pencil & art good mfg . . . . .	2000.. 6 543	224 756	178 440	46 316	6
		1999.. 6 763	231 388	182 058	49 331	5
		1998.. 7 313	252 514	201 377	51 137	1
		1997.. 8 255	263 865	207 661	56 204	X
339943	Marking device mfg . . . . .	2000.. 7 211	227 343	188 922	38 421	10
		1999.. 7 454	233 563	194 885	38 679	8
		1998.. 8 068	228 240	193 419	34 822	1
		1997.. 8 012	229 317	194 792	34 525	X
339944	Carbon paper & inked ribbon mfg . . . . .	2000.. 4 592	172 245	140 282	31 963	5
		1999.. 4 898	166 995	134 699	32 296	4
		1998.. 5 394	166 307	134 833	31 474	1
		1997.. 5 673	176 969	142 037	34 932	X

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Compensation (\$1,000)				Relative standard error of estimate <sup>1</sup> (percent) for column—
		All employees	Total	Payroll	Total fringe benefits	
339	Miscellaneous mfg—Con.					
3399	Other miscellaneous mfg—Con.					
33995	Sign mfg .....	2000.. 89 028	3 313 849	2 837 576	476 273	2
		1999.. 88 960	3 190 750	2 714 739	476 012	2
		1998.. 84 165	2 868 962	2 427 903	441 059	2
		1997.. 83 813	2 858 030	2 412 225	445 805	X
339950	Sign mfg .....	2000.. 89 028	3 313 849	2 837 576	476 273	2
		1999.. 88 960	3 190 750	2 714 739	476 012	2
		1998.. 84 165	2 868 962	2 427 903	441 059	2
		1997.. 83 813	2 858 030	2 412 225	445 805	X
33999	All other miscellaneous mfg .....	2000.. 162 206	5 885 009	4 836 230	1 048 779	2
		1999.. 162 409	5 671 995	4 661 834	1 010 161	2
		1998.. 163 999	5 456 339	4 451 441	1 004 898	1
		1997.. 157 947	5 176 945	4 230 422	946 523	X
339991	Gasket, packing, & sealing device mfg .....	2000.. 44 451	1 887 005	1 521 254	365 752	3
		1999.. 42 656	1 715 228	1 381 354	333 874	3
		1998.. 42 607	1 681 556	1 330 897	350 658	2
		1997.. 41 980	1 614 425	1 290 903	323 522	X
339992	Musical instrument mfg .....	2000.. 15 279	558 706	459 820	98 887	4
		1999.. 14 446	505 522	413 311	92 210	4
		1998.. 13 587	484 459	403 839	80 620	3
		1997.. 13 249	433 940	357 842	76 098	X
339993	Fastener, button, needle, & pin mfg .....	2000.. 6 963	256 935	216 592	40 343	5
		1999.. 7 173	254 162	213 095	41 067	5
		1998.. 8 026	256 927	210 968	45 958	1
		1997.. 8 021	254 592	211 561	43 031	X
339994	Broom, brush, & mop mfg .....	2000.. 16 280	552 471	452 691	99 780	3
		1999.. 17 249	571 222	469 461	101 761	3
		1998.. 18 302	579 095	479 896	99 198	3
		1997.. 17 280	538 174	446 005	92 169	X
339995	Burial casket mfg .....	2000.. 7 146	257 454	201 344	56 110	6
		1999.. 7 315	262 277	211 307	50 970	5
		1998.. 7 379	259 732	212 670	47 062	1
		1997.. 6 792	254 850	206 890	47 960	X
339999	All other miscellaneous mfg .....	2000.. 72 087	2 372 438	1 984 530	387 908	3
		1999.. 73 570	2 363 584	1 973 305	390 278	3
		1998.. 74 097	2 194 571	1 813 170	381 401	1
		1997.. 70 625	2 080 964	1 717 221	363 743	X

<sup>1</sup>Description of relative standard error of estimate is given in Appendix B. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Note: Previous years' data may differ from that published in the 1999 Annual Survey of Manufactures because of changes encountered in subsequent review of the 2000 Annual Survey of Manufactures review.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
<b>31-33</b>	<b>Manufacturing</b>	<b>2000.. 75 458 112</b>	<b>865 080 199</b>	<b>40 893 837</b>	<b>105 558 211</b>	<b>34 564 275</b>	<b>1</b>	<b>1</b>	
		<b>1999.. 65 284 751</b>	<b>833 374 689</b>	<b>38 606 834</b>	<b>110 322 154</b>	<b>26 677 917</b>	<b>1</b>	<b>1</b>	
		<b>1998.. 63 742 426</b>	<b>819 725 796</b>	<b>38 424 285</b>	<b>113 089 909</b>	<b>25 318 141</b>	<b>1</b>	<b>1</b>	
		<b>1997.. 64 909 791</b>	<b>827 353 664</b>	<b>38 695 146</b>	<b>92 643 862</b>	<b>26 214 645</b>	<b>X</b>	<b>X</b>	
311	Food mfg	2000.. 6 344 478	64 717 056	3 297 841	3 541 303	3 046 637	1	1	
		1999.. 5 565 500	60 780 441	3 107 755	3 649 440	2 457 745	1	1	
		1998.. 5 568 727	61 972 920	3 148 194	4 285 270	2 420 533	1	1	
		1997.. 5 584 178	60 622 556	3 117 392	4 342 538	2 466 786	X	X	
3111	Animal food mfg	2000.. 372 321	3 871 296	212 992	409	159 329	10	12	
		1999.. 284 702	3 131 911	171 299	D	113 403	2	3	
		1998.. 275 277	3 069 122	167 043	46 543	108 234	2	3	
		1997.. 285 351	3 086 826	167 505	—	117 846	X	X	
31111	Animal food mfg	2000.. 372 321	3 871 296	212 992	409	159 329	10	12	
		1999.. 284 702	3 131 911	171 299	D	113 403	2	3	
		1998.. 275 277	3 069 122	167 043	46 543	108 234	2	3	
		1997.. 285 351	3 086 826	167 505	—	117 846	X	X	
311111	Dog & cat food mfg	2000.. 108 032	1 149 193	56 753	D	51 279	4	4	
		1999.. 98 586	1 096 097	55 177	D	43 409	3	3	
		1998.. 98 818	1 079 191	55 564	6 608	43 255	1	2	
		1997.. 98 570	1 030 994	53 737	—	44 833	X	X	
311119	Other animal food mfg	2000.. 264 288	2 722 103	156 239	D	108 049	13	17	
		1999.. 186 116	2 035 813	116 122	420	69 994	3	4	
		1998.. 176 459	1 989 931	111 480	39 935	64 980	2	4	
		1997.. 186 781	2 055 832	113 768	—	73 013	X	X	
3112	Grain & oilseed milling	2000.. 1 398 838	14 295 322	593 590	2 502 207	805 248	2	2	
		1999.. 1 196 670	13 053 784	562 332	2 578 367	634 338	2	2	
		1998.. 1 268 096	13 268 931	581 484	2 780 536	686 612	1	1	
		1997.. 1 234 581	14 223 740	628 741	2 764 730	605 840	X	X	
31121	Flour milling & malt mfg	2000.. 203 437	2 892 697	146 939	D	56 499	2	3	
		1999.. 180 155	2 761 324	141 420	D	38 735	4	4	
		1998.. 210 346	3 041 853	158 802	D	51 544	1	3	
		1997.. 205 265	3 009 952	155 656	D	49 609	X	X	
311211	Flour milling	2000.. 131 877	2 130 419	108 817	D	23 060	2	7	
		1999.. 121 249	2 038 532	104 449	D	16 800	2	9	
		1998.. 144 333	2 198 376	117 606	12 696	26 726	2	3	
		1997.. 132 798	2 153 986	114 041	10 789	18 757	X	X	
311212	Rice milling	2000.. 33 839	440 799	24 608	—	9 230	6	5	
		1999.. 31 729	426 281	24 893	D	6 836	7	4	
		1998.. 32 346	440 392	25 237	D	7 109	4	7	
		1997.. 31 611	434 801	25 257	D	6 354	X	X	
311213	Malt mfg	2000.. 37 722	321 479	13 514	—	24 208	2	1	
		1999.. 27 177	296 511	12 079	—	15 098	2	2	
		1998.. 33 667	403 084	15 959	D	17 708	3	7	
		1997.. 40 856	421 165	16 358	D	24 498	X	X	
31122	Starch & vegetable fats & oils mfg	2000.. 1 092 288	10 301 473	395 912	2 328 748	696 376	3	3	
		1999.. 926 815	9 184 178	369 948	2 398 189	556 868	3	2	
		1998.. 969 041	9 143 706	371 365	2 597 032	597 676	1	1	
		1997.. 938 957	10 189 373	423 774	2 573 682	515 183	X	X	
311221	Wet corn milling	2000.. 686 442	6 991 553	236 446	1 993 733	449 997	5	4	
		1999.. 565 735	5 728 057	217 647	2 052 956	348 088	5	3	
		1998.. 599 864	5 855 994	217 833	2 010 895	382 031	1	1	
		1997.. 601 431	6 902 497	280 943	1 876 208	320 488	X	X	
311222	Soybean processing	2000.. 278 802	2 179 801	102 750	D	176 052	1	1	
		1999.. 242 152	2 163 091	89 897	D	152 255	1	1	
		1998.. 231 541	1 715 237	81 056	557 873	150 484	1	1	
		1997.. 201 293	1 627 095	72 647	637 139	128 646	X	X	
311223	Other oilseed processing	2000.. 44 269	452 790	21 268	D	23 001	8	4	
		1999.. 39 226	518 223	23 696	D	15 530	7	9	
		1998.. 50 805	708 477	32 802	D	18 003	2	1	
		1997.. 50 878	854 139	31 205	D	19 673	X	X	
311225	Fats & oils refining & blending	2000.. 82 775	677 329	35 449	D	47 326	6	4	
		1999.. 79 702	774 807	38 708	D	40 994	3	2	
		1998.. 86 831	863 997	39 674	D	47 157	1	1	
		1997.. 85 355	805 642	38 979	D	46 376	X	X	
31123	Breakfast cereal mfg	2000.. 103 113	1 101 151	50 739	D	52 373	1	1	
		1999.. 89 700	1 108 282	50 964	D	38 735	1	1	
		1998.. 88 710	1 083 372	51 316	D	37 393	1	1	
		1997.. 90 359	1 024 415	49 311	D	41 048	X	X	
311230	Breakfast cereal mfg	2000.. 103 113	1 101 151	50 739	D	52 373	1	1	
		1999.. 89 700	1 108 282	50 964	D	38 735	1	1	
		1998.. 88 710	1 083 372	51 316	D	37 393	1	1	
		1997.. 90 359	1 024 415	49 311	D	41 048	X	X	
3113	Sugar & confectionery product mfg	2000.. 452 303	3 305 365	186 602	963 294	265 701	2	1	
		1999.. 417 037	3 091 240	178 842	987 632	238 196	1	1	
		1998.. 400 453	3 099 874	166 084	841 534	234 369	2	1	
		1997.. 398 138	2 992 101	157 513	1 071 682	240 625	X	X	
31131	Sugar mfg	2000.. 261 325	974 763	58 027	870 813	203 298	3	1	
		1999.. 239 494	887 734	53 287	895 139	186 207	1	1	
		1998.. 230 792	1 013 559	43 973	741 024	186 819	1	2	
		1997.. 229 300	933 300	42 232	950 515	187 068	X	X	
311311	Sugarcane mills	2000.. 37 483	191 236	14 310	407 785	23 172	9	5	
		1999.. 28 697	152 107	10 357	420 333	18 340	4	3	
		1998.. 21 565	162 952	8 842	273 532	12 724	6	23	
		1997.. 28 052	136 337	9 270	224 453	18 782	X	X	
311312	Cane sugar refining	2000.. 66 488	187 009	14 142	164 146	52 346	1	1	
		1999.. 58 716	179 748	14 269	180 267	44 447	1	1	
		1998.. 55 928	100 616	6 183	168 896	49 745	1	1	
		1997.. 56 167	96 009	6 354	356 236	49 813	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)	C		E	C	E
			Quantity (1,000 kWh)	Cost (\$1,000)						
			A	B	C	D		E	C	E
311	Food mfg—Con.									
3113	Sugar & confectionery product mfg—Con.									
31131	Sugar mfg—Con.									
311313	Beet sugar mfg .....	2000.. 157 355	596 518	29 575	298 882	127 780	2	2		
		1999.. 152 080	555 879	28 661	294 539	123 420	2	1		
		1998.. 153 298	749 991	28 948	298 596	124 350	1	1		
		1997.. 145 081	700 954	26 608	369 826	118 473	X	X		
31132	Chocolate & confectionery mfg from cacao beans .....	2000.. 36 057	455 743	24 916	D	11 140	1	1		
		1999.. 36 299	469 308	26 202	D	10 097	1	1		
		1998.. 39 719	511 059	29 836	S	9 882	9	3		
		1997.. 35 101	469 685	24 897	957	10 204	X	X		
311320	Chocolate & confectionery mfg from cacao beans .....	2000.. 36 057	455 743	24 916	D	11 140	1	1		
		1999.. 36 299	469 308	26 202	D	10 097	1	1		
		1998.. 39 719	511 059	29 836	S	9 882	9	3		
		1997.. 35 101	469 685	24 897	957	10 204	X	X		
31133	Confectionery mfg from purchased chocolate ....	2000.. 87 078	1 139 346	60 675	D	26 403	4	4		
		1999.. 80 003	1 049 930	58 382	D	21 621	4	5		
		1998.. 72 295	925 017	52 407	D	19 888	2	2		
		1997.. 75 678	970 641	52 805	D	22 873	X	X		
311330	Confectionery mfg from purchased chocolate ..	2000.. 87 078	1 139 346	60 675	D	26 403	4	4		
		1999.. 80 003	1 049 930	58 382	D	21 621	4	5		
		1998.. 72 295	925 017	52 407	D	19 888	2	2		
		1997.. 75 678	970 641	52 805	D	22 873	X	X		
31134	Nonchocolate confectionery mfg .....	2000.. 67 842	735 512	42 983	D	24 859	3	5		
		1999.. 61 242	684 268	40 971	D	20 271	2	5		
		1998.. 57 647	650 238	39 867	D	17 780	2	2		
		1997.. 58 059	618 475	37 579	D	20 480	X	X		
311340	Nonchocolate confectionery mfg .....	2000.. 67 842	735 512	42 983	D	24 859	3	5		
		1999.. 61 242	684 268	40 971	D	20 271	2	5		
		1998.. 57 647	650 238	39 867	D	17 780	2	2		
		1997.. 58 059	618 475	37 579	D	20 480	X	X		
3114	Fruit & vegetable preserving & specialty food mfg ..	2000.. 850 283	8 337 403	424 845	-22 029	425 438	2	3		
		1999.. 768 042	8 031 528	412 033	-25 208	356 009	2	3		
		1998.. 822 319	9 850 209	485 338	433 301	336 981	1	5		
		1997.. 778 184	8 256 563	435 682	337 286	342 502	X	X		
31141	Frozen food mfg .....	2000.. 351 881	4 897 544	224 683	D	127 198	3	5		
		1999.. 327 693	4 626 222	215 350	D	112 343	3	6		
		1998.. 426 392	6 716 370	296 081	51 318	130 311	1	3		
		1997.. 370 187	5 015 418	246 326	49 771	123 861	X	X		
311411	Frozen fruit, juice, & vegetable mfg .....	2000.. 216 904	2 987 749	122 399	D	94 505	6	7		
		1999.. 201 074	2 744 674	116 818	D	84 256	6	8		
		1998.. 299 140	4 893 375	196 695	51 503	102 445	1	4		
		1997.. 246 000	3 272 621	151 494	49 771	94 506	X	X		
311412	Frozen specialty food mfg .....	2000.. 134 977	1 909 795	102 284	-	32 693	2	3		
		1999.. 126 619	1 881 548	98 532	-	28 087	1	2		
		1998.. 127 253	1 822 995	99 386	S	27 867	1	2		
		1997.. 124 187	1 742 797	94 832	-	29 355	X	X		
31142	Fruit & vegetable canning, pickling, & drying .....	2000.. 498 403	3 439 859	200 163	D	298 240	3	3		
		1999.. 440 348	3 405 306	196 683	D	243 666	2	3		
		1998.. 395 927	3 133 839	189 257	381 983	206 670	1	7		
		1997.. 407 997	3 241 145	189 356	287 515	218 641	X	X		
311421	Fruit & vegetable canning .....	2000.. 317 120	2 125 805	135 516	D	181 605	3	4		
		1999.. 275 470	2 089 208	129 511	7 939	145 958	3	4		
		1998.. 262 383	1 953 737	124 381	D	138 003	1	2		
		1997.. 254 775	1 996 323	122 645	D	132 130	X	X		
311422	Specialty canning .....	2000.. 87 603	668 189	34 510	D	53 092	6	10		
		1999.. 76 380	645 311	33 635	D	42 745	4	8		
		1998.. 69 572	600 236	33 609	D	35 964	3	2		
		1997.. 69 172	630 433	33 946	D	35 226	X	X		
311423	Dried & dehydrated food mfg .....	2000.. 93 680	645 864	30 137	D	63 543	7	6		
		1999.. 88 499	670 788	33 536	D	54 962	4	5		
		1998.. 63 971	579 866	31 267	S	32 704	2	44		
		1997.. 84 050	614 389	32 765	-	51 285	X	X		
3115	Dairy product mfg .....	2000.. 673 461	7 442 064	398 602	14 101	274 860	1	2		
		1999.. 597 253	7 280 495	390 323	18 527	206 930	1	2		
		1998.. 599 715	7 371 744	395 880	24 208	203 836	2	2		
		1997.. 608 885	7 155 073	389 855	9 119	219 030	X	X		
31151	Dairy product (except frozen) mfg .....	2000.. 598 301	6 335 536	338 803	14 101	259 497	1	2		
		1999.. 518 239	6 149 351	325 202	18 527	193 036	1	2		
		1998.. 516 598	6 175 192	325 814	24 208	190 784	2	2		
		1997.. 527 630	5 977 326	319 952	9 119	207 678	X	X		
311511	Fluid milk mfg.....	2000.. 232 375	2 721 426	164 001	12 455	68 374	2	4		
		1999.. 213 879	2 746 489	159 613	17 100	54 266	1	6		
		1998.. 223 689	2 715 239	162 146	D	61 543	1	5		
		1997.. 227 509	2 642 360	158 847	D	68 662	X	X		
311512	Creamery butter mfg .....	2000.. 9 057	104 110	5 132	-	3 925	3	5		
		1999.. 9 381	108 398	5 281	-	4 101	3	4		
		1998.. 9 274	104 215	5 196	D	4 078	2	9		
		1997.. 10 343	100 121	5 378	D	4 965	X	X		
311513	Cheese mfg .....	2000.. 220 420	2 323 197	109 461	1 646	110 960	3	2		
		1999.. 190 808	2 294 534	108 930	1 428	81 879	2	2		
		1998.. 187 471	2 293 053	106 803	S	80 668	3	2		
		1997.. 185 079	2 164 314	102 645	-	82 434	X	X		

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
311	Food mfg—Con.							
3115	Dairy product mfg—Con.							
31151	Dairy product (except frozen) mfg—Con.							
311514	Dry, condensed, & evaporated dairy product mfg							
	2000..	136 448	1 186 803	60 209	—	76 239	3	2
	1999..	104 170	999 929	51 379	—	52 791	4	3
	1998..	96 163	1 062 685	51 669	—	44 494	8	6
	1997..	104 699	1 070 531	53 082	—	51 617	X	X
31152	Ice cream & frozen dessert mfg							
	2000..	75 161	1 106 528	59 798	—	15 363	7	10
	1999..	79 014	1 131 144	65 120	—	13 894	3	8
	1998..	83 118	1 196 552	70 066	—	13 052	5	7
	1997..	81 255	1 177 747	69 903	—	11 352	X	X
311520	Ice cream & frozen dessert mfg							
	2000..	75 161	1 106 528	59 798	—	15 363	7	10
	1999..	79 014	1 131 144	65 120	—	13 894	3	8
	1998..	83 118	1 196 552	70 066	—	13 052	5	7
	1997..	81 255	1 177 747	69 903	—	11 352	X	X
3116	Meat product mfg							
	2000..	1 275 736	15 168 767	739 466	9 369	536 270	1	2
	1999..	1 104 268	14 521 422	700 332	7 963	403 936	1	2
	1998..	1 049 336	13 976 729	680 307	4 644	369 029	1	2
	1997..	1 137 490	13 978 809	685 656	2 521	451 834	X	X
31161	Animal slaughtering & processing							
	2000..	1 275 736	15 168 767	739 466	9 369	536 270	1	2
	1999..	1 104 268	14 521 422	700 332	7 963	403 936	1	2
	1998..	1 049 336	13 976 729	680 307	4 644	369 029	1	2
	1997..	1 137 490	13 978 809	685 656	2 521	451 834	X	X
311611	Animal (except poultry) slaughtering							
	2000..	349 411	4 450 553	197 932	D	151 479	1	2
	1999..	296 590	4 412 931	189 914	D	106 676	1	2
	1998..	293 405	4 195 088	185 730	D	107 675	1	1
	1997..	338 673	4 745 418	213 113	D	125 560	X	X
311612	Meat processed from carcasses							
	2000..	314 229	D	198 731	—	115 498	2	4
	1999..	279 691	D	184 618	—	95 072	3	5
	1998..	256 655	D	180 635	D	76 020	2	1
	1997..	289 602	D	169 684	D	119 918	X	X
311613	Rendering & meat byproduct processing							
	2000..	177 328	D	51 684	867	125 644	3	4
	1999..	141 869	D	47 758	609	94 111	3	3
	1998..	134 506	D	46 954	623	87 552	1	6
	1997..	141 767	D	45 288	180	96 479	X	X
311615	Poultry processing							
	2000..	434 767	6 085 832	291 119	D	143 649	1	3
	1999..	386 119	5 857 626	278 042	D	108 077	1	2
	1998..	364 770	5 578 383	266 989	973	97 781	1	2
	1997..	367 448	5 290 650	257 571	794	109 877	X	X
3117	Seafood product preparation & packaging							
	2000..	131 683	985 074	64 687	63 393	66 996	4	6
	1999..	113 715	887 818	60 581	68 952	53 135	4	6
	1998..	109 558	867 054	56 884	122 592	52 674	5	3
	1997..	116 317	924 275	59 023	106 651	57 294	X	X
31171	Seafood product preparation & packaging							
	2000..	131 683	985 074	64 687	63 393	66 996	4	6
	1999..	113 715	887 818	60 581	68 952	53 135	4	6
	1998..	109 558	867 054	56 884	122 592	52 674	5	3
	1997..	116 317	924 275	59 023	106 651	57 294	X	X
311711	Seafood canning							
	2000..	15 123	82 244	6 764	D	8 359	6	4
	1999..	16 745	99 724	8 192	D	8 554	3	2
	1998..	13 189	76 128	6 451	D	6 738	6	6
	1997..	14 910	86 333	7 138	D	7 772	X	X
311712	Fresh & frozen seafood processing							
	2000..	116 560	902 830	57 923	D	58 637	4	7
	1999..	96 970	788 094	52 389	D	44 581	4	7
	1998..	96 369	790 926	50 433	D	45 936	6	3
	1997..	101 407	837 942	51 885	D	49 522	X	X
3118	Bakeries & tortilla mfg							
	2000..	657 838	6 364 379	383 850	7 204	273 988	3	2
	1999..	588 014	5 806 224	349 291	D	238 723	3	2
	1998..	573 218	5 702 456	340 638	28 518	232 580	1	1
	1997..	575 178	5 695 186	339 105	47 662	236 073	X	X
31181	Bread & bakery product mfg							
	2000..	465 637	4 142 654	260 238	D	205 399	3	2
	1999..	412 015	3 733 787	231 773	D	180 242	4	3
	1998..	394 901	3 683 101	224 792	20 768	170 109	1	1
	1997..	385 049	3 496 660	213 603	43 975	171 446	X	X
311811	Retail bakeries							
	2000..	40 501	339 753	22 752	—	17 750	12	14
	1999..	42 666	316 546	24 741	—	17 924	17	12
	1998..	47 063	423 156	26 394	—	20 668	3	3
	1997..	28 142	272 995	15 509	—	12 633	X	X
311812	Commercial bakeries							
	2000..	377 172	3 211 810	201 291	D	175 881	4	3
	1999..	329 697	2 899 205	176 639	D	153 058	4	3
	1998..	307 492	2 740 888	166 551	D	140 942	1	1
	1997..	317 012	2 739 232	167 744	D	149 268	X	X
311813	Frozen cakes, pies, & other pastries mfg							
	2000..	47 964	591 091	36 196	D	11 768	4	3
	1999..	39 652	518 036	30 393	D	9 260	3	3
	1998..	40 346	519 056	31 847	D	8 499	2	5
	1997..	39 895	484 433	30 350	D	9 545	X	X
31182	Cookie, cracker, & pasta mfg							
	2000..	168 197	2 012 322	110 501	D	57 696	6	5
	1999..	153 221	1 874 562	104 307	D	48 914	4	5
	1998..	156 972	1 846 653	103 823	7 750	53 149	1	1
	1997..	167 955	2 023 347	113 223	3 687	54 732	X	X
311821	Cookie & cracker mfg							
	2000..	92 244	911 108	51 317	D	40 927	3	6
	1999..	85 220	918 530	51 672	D	33 548	2	6
	1998..	92 579	966 074	53 955	7 750	38 624	1	1
	1997..	92 968	953 134	53 611	3 687	39 357	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D			
311	Food mfg—Con.							
3118	Bakeries & tortilla mfg—Con.							
31182	Cookie, cracker, & pasta mfg—Con.							
311822	Flour mixes & dough mfg from purchased flour .....	2000.. 54 857	852 284	44 244	—	10 612	14	18
		1999.. 50 540	733 365	40 492	—	10 049	10	13
		1998.. 44 668	629 231	35 272	—	9 396	1	2
		1997.. 45 620	664 092	36 412	—	9 208	X	X
311823	Dry pasta mfg .....	2000.. 21 096	248 930	14 940	—	6 156	4	5
		1999.. 17 461	222 667	12 143	—	5 318	5	5
		1998.. 19 725	251 347	14 596	—	5 129	1	1
		1997.. 29 367	406 121	23 200	—	6 167	X	X
31183	Tortilla mfg .....	2000.. 24 005	209 402	13 111	—	10 894	5	7
		1999.. 22 777	197 875	13 211	—	9 567	4	7
		1998.. 21 345	172 703	12 024	—	9 322	1	1
		1997.. 22 174	175 179	12 279	—	9 895	X	X
311830	Tortilla mfg .....	2000.. 24 005	209 402	13 111	—	10 894	5	7
		1999.. 22 777	197 875	13 211	—	9 567	4	7
		1998.. 21 345	172 703	12 024	—	9 322	1	1
		1997.. 22 174	175 179	12 279	—	9 895	X	X
3119	Other food mfg .....	2000.. 532 015	4 947 387	293 207	3 355	238 808	2	2
		1999.. 495 799	4 976 021	282 723	2 481	213 076	2	2
		1998.. 470 754	4 766 801	274 536	3 395	196 219	1	2
		1997.. 450 054	4 309 983	254 312	2 887	195 742	X	X
31191	Snack food mfg .....	2000.. 176 264	1 518 749	82 394	D	93 871	2	3
		1999.. 178 934	1 672 205	87 674	D	91 259	3	4
		1998.. 156 166	1 501 542	76 018	D	80 148	3	3
		1997.. 142 343	1 256 468	67 077	D	75 266	X	X
311911	Roasted nuts & peanut butter mfg .....	2000.. 30 529	412 498	22 137	D	8 392	4	6
		1999.. 28 424	370 426	21 611	D	6 813	4	5
		1998.. 28 533	340 699	20 886	D	7 647	4	5
		1997.. 27 528	326 244	19 238	D	8 290	X	X
311919	Other snack food mfg .....	2000.. 145 735	1 106 251	60 256	—	85 479	3	3
		1999.. 150 510	1 301 779	66 064	—	84 446	4	4
		1998.. 127 633	1 160 844	55 132	—	72 501	4	4
		1997.. 114 815	930 224	47 839	—	66 976	X	X
31192	Coffee & tea mfg .....	2000.. 51 851	452 420	28 457	—	23 393	2	2
		1999.. 49 388	500 555	28 350	—	21 038	2	3
		1998.. 46 687	488 796	27 845	—	18 842	1	1
		1997.. 51 757	490 602	30 158	—	21 599	X	X
311920	Coffee & tea mfg .....	2000.. 51 851	452 420	28 457	—	23 393	2	2
		1999.. 49 388	500 555	28 350	—	21 038	2	3
		1998.. 46 687	488 796	27 845	—	18 842	1	1
		1997.. 51 757	490 602	30 158	—	21 599	X	X
31193	Flavoring syrup & concentrate mfg .....	2000.. 24 359	235 202	16 064	—	8 295	19	8
		1999.. 21 418	218 815	15 438	—	5 981	17	5
		1998.. 17 285	158 544	10 965	—	6 321	2	1
		1997.. 17 249	160 106	11 182	—	6 067	X	X
311930	Flavoring syrup & concentrate mfg .....	2000.. 24 359	235 202	16 064	—	8 295	19	8
		1999.. 21 418	218 815	15 438	—	5 981	17	5
		1998.. 17 285	158 544	10 965	—	6 321	2	1
		1997.. 17 249	160 106	11 182	—	6 067	X	X
31194	Seasoning & dressing mfg .....	2000.. 79 807	817 896	50 986	D	28 821	4	5
		1999.. 73 559	796 361	49 646	D	23 912	2	3
		1998.. 70 660	806 081	48 631	D	22 029	1	2
		1997.. 68 335	717 373	45 633	D	22 702	X	X
311941	Mayonnaise, dressing, & other prepared sauce mfg .....	2000.. 44 097	457 396	28 316	D	15 780	3	2
		1999.. 41 673	467 378	28 722	D	12 950	2	3
		1998.. 43 536	500 198	29 277	D	14 259	1	2
		1997.. 41 226	424 533	27 369	D	13 857	X	X
311942	Spice & extract mfg .....	2000.. 35 710	360 500	22 669	—	13 041	8	10
		1999.. 31 886	328 983	20 924	—	10 962	3	7
		1998.. 27 124	305 883	19 354	—	7 770	2	5
		1997.. 27 109	292 840	18 264	—	8 845	X	X
31199	All other food mfg .....	2000.. 199 734	1 923 121	115 307	46	84 428	4	5
		1999.. 172 500	1 788 085	101 615	46	70 885	2	4
		1998.. 179 957	1 811 837	111 078	D	68 879	3	2
		1997.. 170 370	1 685 434	100 262	D	70 108	X	X
311991	Perishable prepared food mfg .....	2000.. 34 938	411 209	25 707	—	9 231	3	19
		1999.. 33 114	408 706	25 357	—	7 757	3	22
		1998.. 35 592	383 069	25 342	—	10 249	5	6
		1997.. 35 271	389 702	24 236	—	11 035	X	X
311999	All other miscellaneous food mfg .....	2000.. 164 796	1 511 912	89 600	46	75 197	4	5
		1999.. 139 386	1 379 378	76 257	46	63 129	3	4
		1998.. 144 365	1 428 768	85 736	D	58 629	4	2
		1997.. 135 099	1 295 732	76 026	D	59 073	X	X
312	Beverage & tobacco product mfg .....	2000.. 743 921	7 961 286	437 287	D	306 633	2	3
		1999.. 652 496	7 731 745	424 803	D	227 693	2	1
		1998.. 656 265	7 608 293	422 561	566 486	233 704	1	1
		1997.. 677 740	7 649 042	421 484	598 347	256 256	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
312	Beverage & tobacco product mfg—Con.							
3121	Beverage mfg .....	2000.. 627 699	6 477 343	369 440	D	258 259	2	3
		1999.. 532 633	6 023 744	346 268	D	186 365	2	2
		1998.. 524 487	5 791 286	338 959		185 528	1	1
		1997.. 540 232	5 690 038	333 561	329 370	206 671	X	X
					319 828			
31211	Soft drink & ice mfg .....	2000.. 286 664	3 042 792	188 252	D	98 412	4	6
		1999.. 249 107	2 760 463	172 560	D	76 547	3	4
		1998.. 241 079	2 544 800	167 659	11 120	73 420	1	2
		1997.. 234 142	2 502 569	160 635	—	73 507	X	X
312111	Soft drink mfg .....	2000.. 227 446	2 310 730	140 992	D	86 454	4	6
		1999.. 194 559	2 053 173	126 582	D	67 977	2	4
		1998.. 196 958	1 957 509	128 433	11 120	68 525	1	3
		1997.. 192 023	1 922 130	123 083	—	68 940	X	X
312112	Bottled water mfg .....	2000.. 20 329	229 192	15 988	—	4 340	17	18
		1999.. 19 134	198 494	14 958	—	4 176	16	17
		1998.. 9 573	91 779	7 554	—	2 018	11	5
		1997.. 7 394	72 097	5 698	—	1 696	X	X
312113	Ice mfg .....	2000.. 38 890	502 870	31 272	—	7 618	10	37
		1999.. 35 414	508 795	31 020	—	4 395	9	33
		1998.. 34 548	495 513	31 671	—	2 877	1	1
		1997.. 34 725	508 342	31 854	—	2 871	X	X
31212	Breweries .....	2000.. 243 090	2 480 041	118 632	D	124 458	1	3
		1999.. 201 727	2 439 111	114 869	D	86 858	1	1
		1998.. 208 813	2 504 402	120 752	D	88 061	1	1
		1997.. 227 346	2 468 063	120 319	D	107 027	X	X
312120	Breweries .....	2000.. 243 090	2 480 041	118 632	D	124 458	1	3
		1999.. 201 727	2 439 111	114 869	D	86 858	1	1
		1998.. 208 813	2 504 402	120 752	D	88 061	1	1
		1997.. 227 346	2 468 063	120 319	D	107 027	X	X
31213	Wineries .....	2000.. 62 121	636 200	44 287	D	17 834	4	4
		1999.. 51 069	513 522	39 923	D	11 146	2	3
		1998.. 48 235	493 394	38 194	D	10 042	2	3
		1997.. 51 374	479 657	40 233	D	11 141	X	X
312130	Wineries .....	2000.. 62 121	636 200	44 287	D	17 834	4	4
		1999.. 51 069	513 522	39 923	D	11 146	2	3
		1998.. 48 235	493 394	38 194	D	10 042	2	3
		1997.. 51 374	479 657	40 233	D	11 141	X	X
31214	Distilleries .....	2000.. 35 823	318 310	18 268	—	17 554	25	25
		1999.. 30 730	310 649	18 916	—	11 814	28	8
		1998.. 26 360	248 690	12 355	—	14 006	2	3
		1997.. 27 370	239 749	12 374	—	14 996	X	X
312140	Distilleries .....	2000.. 35 823	318 310	18 268	—	17 554	25	25
		1999.. 30 730	310 649	18 916	—	11 814	28	8
		1998.. 26 360	248 690	12 355	—	14 006	2	3
		1997.. 27 370	239 749	12 374	—	14 996	X	X
3122	Tobacco mfg .....	2000.. 116 222	1 483 943	67 848	D	48 375	1	2
		1999.. 119 863	1 708 001	78 535	D	41 328	1	2
		1998.. 131 778	1 817 007	83 602	237 116	48 176	1	1
		1997.. 137 508	1 959 004	87 923	278 519	49 585	X	X
31221	Tobacco stemming & redrying .....	2000.. D	146 226	9 087	—	D	1	X
		1999.. D	187 372	11 806	—	D	1	X
		1998.. D	224 077	14 247	—	D	1	1
		1997.. D	303 443	19 683	—	D	X	X
312210	Tobacco stemming & redrying .....	2000.. D	146 226	9 087	—	D	1	X
		1999.. D	187 372	11 806	—	D	1	X
		1998.. D	224 077	14 247	—	D	1	X
		1997.. D	303 443	19 683	—	D	X	X
31222	Tobacco product mfg .....	2000.. D	1 337 717	58 761	D	D	1	X
		1999.. D	1 520 629	66 729	D	D	1	X
		1998.. D	1 592 930	69 355	237 116	D	1	1
		1997.. D	1 655 561	68 240	278 519	D	X	X
312221	Cigarette mfg .....	2000.. D	1 000 658	44 871	D	D	1	X
		1999.. D	1 192 710	50 613	D	D	1	X
		1998.. D	1 215 789	51 269	D	D	1	1
		1997.. D	1 256 006	49 723	D	D	X	X
312229	Other tobacco product mfg .....	2000.. D	337 059	13 890	D	D	5	X
		1999.. D	327 919	16 116	D	D	5	X
		1998.. D	377 141	18 086	D	D	1	X
		1997.. D	399 555	18 517	D	D	X	X
313	Textile mills .....	2000.. 1 798 141	26 254 929	1 239 863	101 399	558 277	1	5
		1999.. 1 846 153	28 701 089	1 308 304	115 924	537 850	1	5
		1998.. 1 867 176	28 889 986	1 322 107	204 230	545 069	1	2
		1997.. 1 912 646	28 519 930	1 340 814	197 659	571 832	X	X
3131	Fiber, yarn, & thread mills .....	2000.. 448 748	8 990 092	405 721	D	43 027	2	3
		1999.. 450 511	9 585 837	407 126	D	43 384	2	15
		1998.. 431 918	9 214 721	392 557	D	39 361	1	2
		1997.. 429 832	8 803 529	390 903	D	38 929	X	X
31311	Fiber, yarn, & thread mills .....	2000.. 448 748	8 990 092	405 721	D	43 027	2	3
		1999.. 450 511	9 585 837	407 126	D	43 384	2	15
		1998.. 431 918	9 214 721	392 557	D	39 361	1	2
		1997.. 429 832	8 803 529	390 903	D	38 929	X	X
313111	Yarn spinning mills .....	2000.. 303 394	6 341 703	280 617	—	22 777	2	3
		1999.. 308 738	6 730 714	287 710	D	21 028	2	4
		1998.. 317 778	6 851 632	293 063	D	24 715	1	1
		1997.. 317 346	6 615 084	293 858	D	23 488	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
313	Textile mills—Con.								
3131	Fiber, yarn, & thread mills—Con.								
31311	Fiber, yarn, & thread mills—Con.								
313112	Yarn texturing, throwing, & twisting mills	2000.. 134 951	2 512 376	117 557	—	17 394	3	7	
		1999.. 132 994	2 740 206	112 837	—	20 157	5	31	
		1998.. 96 959	2 081 074	85 501	—	11 458	3	5	
		1997.. 96 875	1 955 924	84 648	—	12 227	X	X	
313113	Thread mills	2000.. 10 402	136 013	7 547	D	2 855	4	6	
		1999.. 8 779	114 917	6 580	D	2 199	4	5	
		1998.. 17 181	282 015	13 993	—	3 188	1	1	
		1997.. 15 611	232 521	12 397	—	3 214	X	X	
3132	Fabric mills	2000.. 848 472	13 939 957	634 811	D	213 661	1	4	
		1999.. 866 561	15 517 082	678 339	D	188 222	1	5	
		1998.. 909 362	15 794 434	689 147	D	220 216	1	2	
		1997.. 930 744	15 674 880	704 057	D	226 687	X	X	
31321	Broadwoven fabric mills	2000.. 534 299	9 871 329	427 928	D	106 371	1	8	
		1999.. 546 718	11 204 402	457 134	D	89 584	1	10	
		1998.. 600 511	11 909 215	489 548	D	110 963	1	1	
		1997.. 632 502	12 166 618	509 087	D	123 415	X	X	
313210	Broadwoven fabric mills	2000.. 534 299	9 871 329	427 928	D	106 371	1	8	
		1999.. 546 718	11 204 402	457 134	D	89 584	1	10	
		1998.. 600 511	11 909 215	489 548	D	110 963	1	1	
		1997.. 632 502	12 166 618	509 087	D	123 415	X	X	
31322	Narrow fabric mills & schiffli machine embroidery	2000.. 33 514	411 408	24 027	D	9 487	2	4	
		1999.. 33 973	415 122	24 643	D	9 330	2	5	
		1998.. 35 189	445 353	27 203	D	7 986	3	3	
		1997.. 33 648	431 950	26 344	D	7 304	X	X	
313221	Narrow fabric mills	2000.. 32 008	395 256	22 806	D	9 202	2	3	
		1999.. 32 179	397 504	23 256	D	8 922	2	5	
		1998.. 32 528	415 024	24 969	D	7 559	3	3	
		1997.. 30 908	402 641	24 114	D	6 794	X	X	
313222	Schiffli machine embroidery	2000.. 1 506	16 152	1 221	—	285	20	50	
		1999.. 1 794	17 618	1 387	—	407	15	16	
		1998.. 2 661	30 330	2 235	—	426	6	10	
		1997.. 2 740	29 309	2 230	—	510	X	X	
31323	Nonwoven fabric mills	2000.. 153 223	2 536 934	115 169	D	38 054	1	3	
		1999.. 149 412	2 542 250	115 524	D	33 888	1	3	
		1998.. 116 029	1 998 338	83 871	—	32 159	1	2	
		1997.. 115 635	1 572 866	82 173	—	33 462	X	X	
313230	Nonwoven fabric mills	2000.. 153 223	2 536 934	115 169	D	38 054	1	3	
		1999.. 149 412	2 542 250	115 524	D	33 888	1	3	
		1998.. 116 029	1 998 338	83 871	—	32 159	1	2	
		1997.. 115 635	1 572 866	82 173	—	33 462	X	X	
31324	Knit fabric mills	2000.. 127 436	1 120 285	67 687	—	59 749	4	4	
		1999.. 136 459	1 355 308	81 038	—	55 421	7	4	
		1998.. 157 633	1 441 528	88 525	S	69 109	5	5	
		1997.. 148 959	1 503 446	86 453	—	62 506	X	X	
313241	Weft knit fabric mills	2000.. 69 756	598 125	34 019	—	35 737	8	5	
		1999.. 78 528	760 588	46 534	—	31 994	12	5	
		1998.. 92 438	807 506	50 124	S	42 313	8	8	
		1997.. 83 802	855 660	47 458	—	36 344	X	X	
313249	Other knit fabric & lace mills	2000.. 57 681	522 160	33 668	—	24 012	3	7	
		1999.. 57 931	594 719	34 505	—	23 427	3	6	
		1998.. 65 196	634 022	38 401	S	26 795	2	2	
		1997.. 65 157	647 786	38 995	—	26 162	X	X	
3133	Textile & fabric finishing & fabric coating mills	2000.. 500 921	3 324 881	199 331	D	301 590	4	8	
		1999.. 529 081	3 598 170	222 838	D	306 243	5	8	
		1998.. 525 895	3 880 831	240 403	—	285 492	3	3	
		1997.. 552 070	4 041 521	245 854	—	306 216	X	X	
31331	Textile & fabric finishing mills	2000.. 455 353	2 997 133	177 540	D	277 813	5	9	
		1999.. 492 392	3 312 112	203 319	D	289 073	5	9	
		1998.. 482 911	3 543 691	216 192	—	266 719	3	3	
		1997.. 509 254	3 710 259	222 987	—	286 267	X	X	
313311	Broadwoven fabric finishing mills	2000.. 308 040	1 742 022	105 995	D	202 044	7	11	
		1999.. 318 448	1 935 666	120 295	D	198 153	5	10	
		1998.. 319 899	2 279 257	141 076	—	178 823	4	5	
		1997.. 352 640	2 313 081	145 756	—	206 884	X	X	
313312	Textile & fabric finishing mills	2000.. 147 314	1 255 111	71 545	—	75 769	7	11	
		1999.. 173 944	1 376 446	83 024	—	90 920	11	17	
		1998.. 163 012	1 264 434	75 116	—	87 896	3	2	
		1997.. 156 614	1 397 178	77 231	—	79 383	X	X	
31332	Fabric coating mills	2000.. 45 567	327 748	21 790	—	23 777	3	3	
		1999.. 36 689	286 057	19 519	—	17 170	3	4	
		1998.. 42 984	337 140	24 211	—	18 773	8	6	
		1997.. 42 816	331 262	22 867	—	19 949	X	X	
313320	Fabric coating mills	2000.. 45 567	327 748	21 790	—	23 777	3	3	
		1999.. 36 689	286 057	19 519	—	17 170	3	4	
		1998.. 42 984	337 140	24 211	—	18 773	8	6	
		1997.. 42 816	331 262	22 867	—	19 949	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)	C		E	C	E
			Quantity (1,000 kWh)	Cost (\$1,000)						
			A	B	C	D		E	C	E
314	Textile product mills .....	2000..	448 231	5 332 504	271 841	D	176 390	2	2	
		1999..	391 786	4 948 660	251 988	D	139 798	2	2	
		1998..	396 552	4 963 880	245 612	79 751	150 941	1	2	
		1997..	387 444	4 761 392	245 129	34 328	142 315	X	X	
3141	Textile furnishings mills .....	2000..	270 448	2 928 790	144 062	—	126 386	1	1	
		1999..	217 805	2 555 942	124 952	—	92 853	1	1	
		1998..	212 583	2 551 497	122 819	S	89 764	1	2	
		1997..	217 674	2 443 780	126 511	S	91 163	X	X	
31411	Carpet & rug mills .....	2000..	198 711	2 139 813	99 220	—	99 491	1	1	
		1999..	148 358	1 765 169	80 282	—	68 076	1	1	
		1998..	150 283	1 795 011	79 481	—	70 802	1	1	
		1997..	152 502	1 641 343	81 928	89	70 574	X	X	
314110	Carpet & rug mills .....	2000..	198 711	2 139 813	99 220	—	99 491	1	1	
		1999..	148 358	1 765 169	80 282	—	68 076	1	1	
		1998..	150 283	1 795 011	79 481	D	70 802	1	1	
		1997..	152 502	1 641 343	81 928	D	70 574	X	X	
31412	Curtain & linen mills .....	2000..	71 737	788 977	44 842	—	26 894	3	3	
		1999..	69 446	790 773	44 669	—	24 777	2	3	
		1998..	62 299	756 486	43 337	S	18 962	2	9	
		1997..	65 172	802 437	44 583	—	20 589	X	X	
314121	Curtain & drapery mills.....	2000..	13 091	136 449	9 355	—	3 737	6	13	
		1999..	11 765	130 554	8 667	—	3 098	4	15	
		1998..	12 180	125 115	8 262	—	3 918	8	13	
		1997..	11 245	116 004	7 758	—	3 487	X	X	
314129	Other household textile product mills .....	2000..	58 646	652 527	35 488	—	23 158	4	3	
		1999..	57 681	660 219	36 002	—	21 679	3	3	
		1998..	50 120	631 371	35 076	S	15 044	2	11	
		1997..	53 927	686 433	36 825	—	17 102	X	X	
3149	Other textile product mills .....	2000..	177 783	2 403 715	127 779	D	50 004	4	5	
		1999..	173 981	2 392 717	127 036	D	46 945	4	6	
		1998..	183 970	2 412 383	122 793	85 348	61 177	1	4	
		1997..	169 770	2 317 612	118 618	34 239	51 152	X	X	
31491	Textile bag & canvas mills.....	2000..	21 230	245 734	14 930	—	6 301	13	6	
		1999..	19 346	201 119	13 149	—	6 197	4	5	
		1998..	20 010	208 420	13 429	—	6 581	2	4	
		1997..	20 283	209 682	13 447	—	6 836	X	X	
314911	Textile bag mills.....	2000..	7 259	88 678	5 396	—	1 863	8	12	
		1999..	7 392	86 842	5 592	—	1 800	7	9	
		1998..	8 094	96 741	6 260	—	1 834	4	6	
		1997..	8 116	97 511	6 280	—	1 836	X	X	
314912	Canvas & related product mills .....	2000..	13 971	157 056	9 533	—	4 438	20	8	
		1999..	11 954	114 277	7 557	—	4 397	3	6	
		1998..	11 916	111 679	7 169	—	4 747	3	5	
		1997..	12 167	112 171	7 167	—	5 000	X	X	
31499	All other textile product mills .....	2000..	156 553	2 157 981	112 849	D	43 704	5	6	
		1999..	154 636	2 191 598	113 887	D	40 748	4	7	
		1998..	163 959	2 203 963	109 364	85 348	54 596	1	5	
		1997..	149 487	2 107 930	105 171	34 239	44 316	X	X	
314991	Rope, cordage, & twine mills.....	2000..	11 723	184 555	10 780	—	943	7	A	
		1999..	10 922	171 018	10 000	—	922	6	A	
		1998..	11 753	164 319	9 632	S	2 122	4	4	
		1997..	13 407	191 758	11 115	—	2 292	X	X	
314992	Tire cord & tire fabric mills.....	2000..	53 756	1 019 720	41 428	D	12 328	1	1	
		1999..	51 076	1 044 891	41 013	D	10 063	1	1	
		1998..	44 423	872 089	35 752	627	8 671	2	1	
		1997..	43 612	821 875	34 193	—	9 419	X	X	
314999	All other miscellaneous textile product mills.....	2000..	91 074	953 706	60 641	—	30 433	8	8	
		1999..	92 638	975 690	62 874	—	29 763	7	8	
		1998..	107 783	1 167 555	63 980	84 718	43 804	2	6	
		1997..	92 468	1 094 297	59 863	34 239	32 605	X	X	
315	Apparel mfg .....	2000..	603 836	6 815 578	426 728	5 843	177 108	3	4	
		1999..	598 008	6 438 132	423 454	594	174 555	3	4	
		1998..	654 679	6 713 223	463 288	1 110	191 391	1	1	
		1997..	688 269	7 056 359	482 740	210	205 529	X	X	
3151	Apparel knitting mills.....	2000..	141 413	1 744 627	90 534	—	50 880	3	7	
		1999..	136 031	1 729 994	89 165	—	46 866	3	6	
		1998..	138 149	1 705 827	94 070	134	44 079	2	2	
		1997..	159 973	1 898 241	104 963	—	55 010	X	X	
31511	Hosiery & sock mills .....	2000..	84 846	1 161 470	59 619	—	25 227	4	4	
		1999..	80 851	1 130 946	58 338	—	22 513	4	5	
		1998..	85 451	1 208 500	63 296	134	22 155	3	4	
		1997..	86 368	1 169 912	63 184	—	23 184	X	X	
315111	Sheer hosiery mills .....	2000..	27 441	381 468	18 903	—	8 538	10	4	
		1999..	28 168	388 067	19 700	—	8 468	10	3	
		1998..	32 258	481 192	24 545	—	7 713	1	1	
		1997..	34 175	477 325	26 703	—	7 472	X	X	
315119	Other hosiery & sock mills.....	2000..	57 405	780 002	40 716	—	16 689	4	5	
		1999..	52 683	742 880	38 638	—	14 045	4	8	
		1998..	53 193	727 308	38 750	134	14 442	4	6	
		1997..	52 193	692 587	36 481	—	15 712	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
315	Apparel mfg—Con.							
3151	Apparel knitting mills—Con.							
31519	Other apparel knitting mills .....	2000.. 56 567	583 157	30 914	—	25 653	5	14
		1999.. 55 180	599 048	30 828	—	24 353	5	11
		1998.. 52 699	497 326	30 774	—	21 924	4	2
		1997.. 73 605	728 329	41 779	—	31 826	X	X
315191	Outerwear knitting mills .....	2000.. 46 102	451 861	25 035	—	21 067	6	17
		1999.. 45 344	469 349	24 876	—	20 468	7	13
		1998.. 44 721	388 660	25 711	—	19 009	3	2
		1997.. 65 494	633 102	36 082	—	29 412	X	X
315192	Underwear & nightwear knitting mills.....	2000.. 10 466	131 297	5 880	—	4 586	3	1
		1999.. 9 836	129 699	5 951	—	3 885	3	1
		1998.. 7 978	108 666	5 063	—	2 915	20	7
		1997.. 8 111	95 227	5 697	—	2 414	X	X
3152	Cut & sew apparel mfg.....	2000.. 424 761	4 665 843	309 153	5 843	115 608	5	6
		1999.. 425 997	4 330 504	307 822	594	118 176	4	5
		1998.. 479 040	4 623 092	342 183	D	136 857	2	1
		1997.. 492 393	4 801 797	352 440	D	139 953	X	X
31521	Cut & sew apparel contractors .....	2000.. 114 337	1 289 836	81 169	555	33 168	13	15
		1999.. 134 260	1 348 858	94 297	594	39 963	9	11
		1998.. 212 137	1 837 684	145 981	S	66 156	4	2
		1997.. 225 238	2 008 442	162 141	—	63 097	X	X
315211	Men's & boys' cut & sew apparel contractors ..	2000.. 31 592	355 977	20 473	555	11 119	10	15
		1999.. 33 220	393 638	21 789	594	11 431	9	12
		1998.. 40 255	429 924	24 747	—	15 508	7	2
		1997.. 30 067	346 075	22 425	—	7 642	X	X
315212	Women's, girls', & infants' cut & sew apparel contractors .....	2000.. 82 745	933 858	60 696	—	22 049	17	22
		1999.. 101 041	955 220	72 508	—	25 533	12	15
		1998.. 171 882	1 407 760	121 234	S	50 648	4	3
		1997.. 195 171	1 662 367	139 716	—	55 455	X	X
31522	Men's & boys' cut & sew apparel mfg .....	2000.. 151 222	1 661 818	107 012	5 288	44 210	6	5
		1999.. 145 192	1 589 030	105 014	—	40 178	4	5
		1998.. 123 859	1 439 591	91 884	D	31 975	1	1
		1997.. 129 392	1 479 108	90 549	D	38 843	X	X
315221	Men's & boys' cut & sew underwear & nightwear mfg .....	2000.. 8 370	101 370	4 703	—	3 666	6	7
		1999.. 6 931	76 702	3 480	—	3 451	7	7
		1998.. 4 901	50 798	2 937	—	1 964	1	1
		1997.. 11 035	105 470	5 486	—	5 549	X	X
315222	Men's & boys' cut & sew suit, coat, & overcoat mfg .....	2000.. 14 456	136 958	10 716	5 288	3 739	15	7
		1999.. 14 574	144 727	10 587	—	3 987	14	5
		1998.. 14 868	144 707	10 826	—	4 042	1	1
		1997.. 16 085	149 767	11 509	—	4 576	X	X
315223	Men's & boys' cut & sew shirt (exc work shirt) mfg .....	2000.. 36 537	410 110	24 506	—	12 031	7	5
		1999.. 38 428	474 995	28 073	—	10 355	7	5
		1998.. 30 771	377 390	24 100	D	6 670	2	3
		1997.. 37 121	451 137	28 176	—	8 945	X	X
315224	Men's & boys' cut & sew trouser, slack, & jean mfg .....	2000.. 65 560	698 825	47 032	—	18 529	12	10
		1999.. 60 927	611 575	44 131	—	16 796	6	6
		1998.. 45 397	549 736	33 056	—	12 341	1	2
		1997.. 37 907	427 334	25 008	—	12 899	X	X
315225	Men's & boys' cut & sew work clothing mfg ....	2000.. 15 051	194 899	12 124	—	2 927	3	45
		1999.. 14 193	177 517	11 707	—	2 486	2	53
		1998.. 16 194	183 889	12 202	—	3 992	2	3
		1997.. 14 987	205 512	11 154	—	3 833	X	X
315228	Men's & boys' cut & sew other outerwear mfg ..	2000.. 11 248	119 656	7 931	—	3 317	9	11
		1999.. 10 140	103 513	7 036	—	3 104	8	9
		1998.. 11 728	133 069	8 762	—	2 965	2	4
		1997.. 12 257	139 888	9 216	—	3 041	X	X
31523	Women's & girls' cut & sew apparel mfg.....	2000.. 144 676	1 527 503	109 702	—	34 974	7	10
		1999.. 131 500	1 198 082	96 585	—	34 915	7	10
		1998.. 130 455	1 195 411	94 183	—	36 272	3	3
		1997.. 124 238	1 138 306	88 496	—	35 742	X	X
315231	Women's & girls' cut/sew lingerie & nightwear mfg .....	2000.. 13 675	185 546	11 969	—	1 706	8	23
		1999.. 15 316	199 302	13 090	—	2 226	11	12
		1998.. 14 895	206 947	12 386	—	2 509	5	4
		1997.. 16 709	242 349	14 310	—	2 399	X	X
315232	Women's & girls' cut & sew blouse & shirt mfg .....	2000.. 21 182	211 746	15 557	—	5 625	15	17
		1999.. 31 660	233 831	20 883	—	10 777	18	25
		1998.. 21 892	180 235	15 382	—	6 510	6	5
		1997.. 17 526	141 706	12 112	—	5 414	X	X
315233	Women's & girls' cut & sew dress mfg .....	2000.. 27 174	269 547	21 095	—	6 079	17	9
		1999.. 21 207	168 334	15 603	—	5 604	12	9
		1998.. 21 351	181 106	16 540	—	4 811	6	11
		1997.. 23 080	168 000	15 529	—	7 551	X	X
315234	Women's & girls' cut & sew suit, coat, skirt mfg .....	2000.. 8 698	80 401	5 409	—	3 289	37	27
		1999.. 10 821	87 485	7 012	—	3 809	25	20
		1998.. 13 110	97 467	8 434	—	4 677	1	3
		1997.. 13 877	108 312	9 122	—	4 755	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
315	Apparel mfg—Con.								
3152	Cut & sew apparel mfg—Con.								
31523	Women's & girls' cut & sew apparel mfg—Con.								
315239	Women's & girls' cut & sew other outerwear mfg								
		2000..	73 946	780 263	55 672	—	18 275	11	17
		1999..	52 497	509 129	39 998	—	12 499	11	17
		1998..	59 206	529 656	41 441	D	17 765	4	5
		1997..	53 046	477 939	37 423	—	15 623	X	X
31529	Other cut & sew apparel mfg	2000..	14 527	186 686	11 271	—	3 256	3	9
		1999..	15 044	194 534	11 926	—	3 119	7	17
		1998..	12 589	150 407	10 135	D	2 454	10	5
		1997..	13 525	175 941	11 254	D	2 271	X	X
315291	Infants' cut & sew apparel mfg	2000..	4 647	80 225	3 583	—	1 064	4	24
		1999..	6 409	100 112	5 115	—	1 294	15	38
		1998..	4 973	74 300	4 397	D	576	1	1
		1997..	4 773	77 441	4 223	D	550	X	X
315292	Fur & leather apparel mfg	2000..	2 141	22 525	1 782	—	359	13	24
		1999..	1 527	15 593	1 324	—	203	15	22
		1998..	1 302	11 430	1 113	—	190	18	13
		1997..	1 494	13 292	1 314	—	180	X	X
315299	All other cut & sew apparel mfg	2000..	7 738	83 936	5 905	—	1 833	4	6
		1999..	7 108	78 829	5 486	—	1 622	3	11
		1998..	6 313	64 677	4 625	—	1 688	23	7
		1997..	7 258	85 208	5 717	—	1 541	X	X
3159	Apparel accessories & other apparel mfg	2000..	37 662	405 109	27 041	—	10 621	5	5
		1999..	35 980	365 980	26 467	—	9 513	3	3
		1998..	37 490	384 305	27 035	—	10 455	3	4
		1997..	35 903	356 321	25 337	—	10 566	X	X
31599	Apparel accessories & other apparel mfg	2000..	37 662	405 109	27 041	—	10 621	5	5
		1999..	35 980	377 634	26 467	—	9 513	3	3
		1998..	37 490	384 305	27 035	—	10 455	3	4
		1997..	35 903	356 321	25 337	—	10 566	X	X
315991	Hat, cap, & millinery mfg	2000..	9 419	103 277	6 874	—	2 545	6	8
		1999..	9 849	100 445	6 964	—	2 886	6	7
		1998..	10 159	105 412	7 254	—	2 905	2	2
		1997..	9 776	100 493	6 976	—	2 800	X	X
315992	Glove & mitten mfg	2000..	3 333	41 491	2 514	—	819	9	18
		1999..	3 454	41 354	2 626	—	827	9	19
		1998..	4 695	53 819	3 227	—	1 468	2	1
		1997..	4 527	49 149	3 049	—	1 478	X	X
315993	Men's & boys' neckwear mfg	2000..	1 994	18 670	1 404	—	590	10	12
		1999..	2 231	19 677	1 616	—	615	11	6
		1998..	2 732	22 232	1 814	—	918	2	8
		1997..	2 907	28 734	2 099	—	808	X	X
315999	Other apparel accessories & other apparel mfg	2000..	22 915	241 671	16 248	—	6 667	8	7
		1999..	20 446	216 157	15 261	—	5 185	3	4
		1998..	19 904	202 841	14 740	—	5 164	5	7
		1997..	18 693	177 945	13 213	—	5 480	X	X
316	Leather & allied product mfg	2000..	92 385	902 371	60 462	D	31 923	4	4
		1999..	81 209	841 834	55 796	D	25 414	2	4
		1998..	86 326	877 643	58 622	943	27 704	2	2
		1997..	93 127	938 329	62 032	1 419	31 095	X	X
3161	Leather & hide tanning & finishing	2000..	46 548	396 340	24 931	D	21 618	9	5
		1999..	36 933	340 038	20 561	D	16 372	4	5
		1998..	37 832	346 906	21 280	D	16 552	2	3
		1997..	42 378	377 208	22 757	D	19 621	X	X
31611	Leather & hide tanning & finishing	2000..	46 548	396 340	24 931	D	21 618	9	5
		1999..	36 933	340 038	20 561	D	16 372	4	5
		1998..	37 832	346 906	21 280	D	16 552	2	3
		1997..	42 378	377 208	22 757	D	19 621	X	X
316110	Leather & hide tanning & finishing	2000..	46 548	396 340	24 931	D	21 618	9	5
		1999..	36 933	340 038	20 561	D	16 372	4	5
		1998..	37 832	346 906	21 280	D	16 552	2	3
		1997..	42 378	377 208	22 757	D	19 621	X	X
3162	Footwear mfg	2000..	27 286	313 496	22 287	—	4 999	4	7
		1999..	26 492	316 093	22 529	—	3 962	3	5
		1998..	26 593	296 898	21 691	—	4 903	4	7
		1997..	30 020	341 522	24 394	D	5 626	X	X
31621	Footwear mfg	2000..	27 286	313 496	22 287	—	4 999	4	7
		1999..	26 492	316 093	22 529	—	3 962	3	5
		1998..	26 593	296 898	21 691	—	4 903	4	7
		1997..	30 020	341 522	24 394	D	5 626	X	X
316211	Rubber & plastics footwear mfg	2000..	D	98 244	7 302	—	D	6	X
		1999..	D	92 591	7 006	—	D	4	X
		1998..	D	92 079	6 808	—	D	2	X
		1997..	D	103 079	7 460	—	D	X	X
316212	House slipper mfg	2000..	D	24 394	1 636	—	D	1	X
		1999..	D	23 246	1 602	—	D	1	X
		1998..	D	24 157	1 689	D	D	4	X
		1997..	D	23 947	1 806	D	D	X	X
316213	Men's footwear (except athletic) mfg	2000..	11 492	138 703	9 863	—	1 629	6	20
		1999..	10 989	148 062	10 079	—	911	6	14
		1998..	10 078	129 847	9 157	—	921	4	16
		1997..	11 753	149 553	10 199	—	1 554	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
316	Leather & allied product mfg—Con.								
3162	Footwear mfg—Con.								
31621	Footwear mfg—Con.								
316214	Women's footwear (except athletic) mfg . . . . .	2000.. 3 269	39 952	2 484	—	785	9	18	
		1999.. 3 153	33 079	2 378	—	775	9	16	
		1998.. 2 838	25 734	2 207	—	631	38	5	
		1997.. 4 118	43 840	3 302	—	816	X	X	
316219	Other footwear mfg . . . . .	2000.. 1 304	12 203	1 001	—	303	10	26	
		1999.. 1 677	19 116	1 465	—	212	7	41	
		1998.. 2 436	25 081	1 829	—	606	8	46	
		1997.. 2 000	21 103	1 627	—	373	X	X	
3169	Other leather & allied product mfg . . . . .	2000.. 18 551	192 535	13 244	—	5 307	4	11	
		1999.. 17 785	185 703	12 705	—	5 080	3	11	
		1998.. 21 900	233 839	15 651	D	6 249	2	4	
		1997.. 20 729	219 599	14 881	—	5 848	X	X	
31699	Other leather & allied product mfg . . . . .	2000.. 18 551	192 535	13 244	—	5 307	4	11	
		1999.. 17 785	185 703	12 705	—	5 080	3	11	
		1998.. 21 900	233 839	15 651	D	6 249	2	4	
		1997.. 20 729	219 599	14 881	—	5 848	X	X	
316991	Luggage mfg . . . . .	2000.. 5 970	69 607	4 813	—	1 156	5	16	
		1999.. 6 199	74 946	4 899	—	1 300	4	11	
		1998.. 6 933	85 520	5 498	—	1 436	2	1	
		1997.. 7 158	85 107	5 615	—	1 543	X	X	
316992	Women's handbag & purse mfg . . . . .	2000.. 1 795	14 967	1 217	—	579	2	10	
		1999.. 1 452	10 791	967	—	486	3	10	
		1998.. 1 749	13 385	1 083	—	666	1	7	
		1997.. 1 763	14 422	1 144	—	619	X	X	
316993	Personal leather good (except women's handbag & purse) mfg . . . . .	2000.. 2 389	24 900	1 895	—	494	4	14	
		1999.. 2 014	18 878	1 540	—	473	5	11	
		1998.. 2 486	24 099	1 831	D	655	3	3	
		1997.. 2 656	25 216	1 950	—	706	X	X	
316999	All other leather good mfg . . . . .	2000.. 8 397	83 062	5 319	—	3 078	8	19	
		1999.. 8 120	81 088	5 299	—	2 821	5	19	
		1998.. 10 732	110 836	7 239	—	3 492	5	7	
		1997.. 9 152	94 854	6 172	—	2 980	X	X	
321	Wood product mfg . . . . .	2000.. 1 697 601	23 200 435	1 159 888	534 692	537 714	1	1	
		1999.. 1 603 036	23 265 887	1 144 811	585 461	458 225	1	1	
		1998.. 1 530 422	22 280 704	1 112 116	621 889	418 306	1	1	
		1997.. 1 512 313	21 861 363	1 095 563	578 072	416 750	X	X	
3211	Sawmills & wood preservation . . . . .	2000.. 565 548	7 287 933	382 928	392 533	182 620	2	3	
		1999.. 555 266	7 552 173	391 542	434 544	163 724	2	3	
		1998.. 528 623	7 214 562	382 162	505 896	146 461	1	2	
		1997.. 522 092	7 129 981	373 861	446 243	148 231	X	X	
32111	Sawmills & wood preservation . . . . .	2000.. 565 548	7 287 933	382 928	392 533	182 620	2	3	
		1999.. 555 266	7 552 173	391 542	434 544	163 724	2	3	
		1998.. 528 623	7 214 562	382 162	505 896	146 461	1	2	
		1997.. 522 092	7 129 981	373 861	446 243	148 231	X	X	
321113	Sawmills . . . . .	2000.. 525 676	6 956 199	363 109	392 533	162 567	2	4	
		1999.. 516 324	7 220 740	371 483	434 544	144 840	2	3	
		1998.. 490 541	6 876 109	363 071	505 896	127 470	1	3	
		1997.. 483 126	6 797 781	354 909	446 243	128 217	X	X	
321114	Wood preservation . . . . .	2000.. 39 872	331 734	19 819	—	20 053	3	7	
		1999.. 38 942	331 433	20 059	—	18 884	3	9	
		1998.. 38 082	338 453	19 090	—	18 992	2	4	
		1997.. 38 966	332 200	18 952	—	20 014	X	X	
3212	Veneer, plywood, & engineered wood product mfg . . . . .	2000.. 691 400	10 103 441	443 771	77 941	247 630	1	1	
		1999.. 629 211	10 116 004	432 100	84 747	197 111	1	1	
		1998.. 598 755	9 641 286	418 543	94 765	180 212	1	1	
		1997.. 601 981	9 538 056	424 575	112 696	177 406	X	X	
32121	Veneer, plywood, & engineered wood product mfg . . . . .	2000.. 691 400	10 103 441	443 771	77 941	247 630	1	1	
		1999.. 629 211	10 116 004	432 100	84 747	197 111	1	1	
		1998.. 598 755	9 641 286	418 543	94 765	180 212	1	1	
		1997.. 601 981	9 538 056	424 575	112 696	177 406	X	X	
321211	Hardwood veneer & plywood mfg . . . . .	2000.. 60 570	764 341	41 265	D	19 305	3	7	
		1999.. 54 108	716 954	38 199	D	15 909	2	13	
		1998.. 52 999	735 906	38 858	D	14 141	2	3	
		1997.. 51 302	705 660	38 017	D	13 285	X	X	
321212	Softwood veneer & plywood mfg . . . . .	2000.. 172 868	2 715 732	119 742	55 311	53 126	2	3	
		1999.. 162 528	2 716 977	116 805	D	45 722	1	3	
		1998.. 153 330	2 693 745	112 385	D	40 945	1	3	
		1997.. 158 317	2 732 939	116 459	D	41 858	X	X	
321213	Engineered wood member (except truss) mfg . . . . .	2000.. 25 112	483 525	19 046	—	6 066	4	3	
		1999.. 26 331	478 141	19 725	—	6 606	4	6	
		1998.. 22 193	411 121	17 964	—	4 228	1	6	
		1997.. 22 279	390 998	18 052	—	4 227	X	X	
321214	Truss mfg . . . . .	2000.. 21 363	245 361	14 699	—	6 664	4	10	
		1999.. 20 965	230 849	14 309	—	6 656	3	10	
		1998.. 22 338	232 837	13 885	—	8 454	4	11	
		1997.. 19 208	200 421	12 164	—	7 044	X	X	
321219	Reconstituted wood product mfg . . . . .	2000.. 411 489	5 894 482	249 020	D	162 469	1	1	
		1999.. 365 278	5 973 083	243 061	D	122 217	1	1	
		1998.. 347 895	5 567 677	235 451	D	112 444	1	1	
		1997.. 350 875	5 508 038	239 883	D	110 992	X	X	

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			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
			A	B	C	D		E	C
321	Wood product mfg—Con.								
3219	Other wood product mfg	2000.. 440 653	5 809 062	333 189	64 218	107 464	2	3	
		1999.. 418 560	5 597 709	321 169	66 170	97 391	1	3	
		1998.. 403 045	5 424 857	311 411	21 228	91 633	1	2	
		1997.. 388 240	5 193 326	297 127	19 133	91 113	X	X	
32191	Millwork	2000.. 245 151	3 498 383	191 372	56 159	53 779	2	5	
		1999.. 228 969	3 313 911	182 918	58 480	46 051	2	4	
		1998.. 220 645	3 285 012	179 223	D	41 422	1	3	
		1997.. 213 059	3 145 235	170 536	D	42 523	X	X	
321911	Wood window & door mfg	2000.. 84 643	1 254 485	64 919	D	19 724	4	9	
		1999.. 78 453	1 193 578	62 051	D	16 402	3	10	
		1998.. 75 733	1 133 085	60 668	—	15 066	2	2	
		1997.. 72 130	1 065 906	56 787	—	15 343	X	X	
321912	Cut stock, resawing lumber, & planing	2000.. 92 832	1 274 278	71 425	D	21 406	5	7	
		1999.. 87 989	1 186 794	68 850	D	19 139	4	5	
		1998.. 88 846	1 237 922	70 108	D	18 739	2	6	
		1997.. 85 927	1 183 669	66 593	D	19 334	X	X	
321918	Other millwork (including flooring)	2000.. 67 676	969 620	55 028	D	12 649	3	7	
		1999.. 62 526	933 540	52 017	D	10 510	3	7	
		1998.. 56 065	914 005	48 448	D	7 617	2	6	
		1997.. 55 002	895 660	47 156	D	7 846	X	X	
32192	Wood container & pallet mfg	2000.. 73 844	851 705	51 695	1 306	22 149	3	7	
		1999.. 69 683	807 943	49 189	1 373	20 495	3	7	
		1998.. 69 439	792 101	48 930	S	20 509	1	3	
		1997.. 66 246	766 310	47 160	S	19 086	X	X	
321920	Wood container & pallet mfg	2000.. 73 844	851 705	51 695	1 306	22 149	3	7	
		1999.. 69 683	807 943	49 189	1 373	20 495	3	7	
		1998.. 69 439	792 101	48 930	S	20 509	1	3	
		1997.. 66 246	766 310	47 160	S	19 086	X	X	
32199	All other wood product mfg	2000.. 121 657	1 458 973	90 122	6 753	31 535	2	3	
		1999.. 119 908	1 475 855	89 062	6 317	30 845	2	3	
		1998.. 112 960	1 347 744	83 258	D	29 703	1	4	
		1997.. 108 935	1 281 781	79 431	D	29 504	X	X	
321991	Manufactured home (mobile home) mfg	2000.. 31 004	366 028	24 588	—	6 416	2	6	
		1999.. 33 242	389 189	25 941	—	7 301	2	6	
		1998.. 32 419	390 263	25 203	—	7 216	1	2	
		1997.. 30 559	354 271	23 178	—	7 381	X	X	
321992	Prefabricated wood building mfg	2000.. 18 141	189 476	12 308	—	5 833	8	7	
		1999.. 16 209	181 217	10 908	—	5 301	8	7	
		1998.. 15 774	159 360	9 792	—	5 983	5	13	
		1997.. 14 044	147 142	9 041	—	5 003	X	X	
321999	All other miscellaneous wood product mfg	2000.. 72 512	903 469	53 226	6 753	19 286	3	5	
		1999.. 70 457	905 449	52 213	6 317	18 243	3	3	
		1998.. 64 767	798 121	48 263	D	16 504	1	4	
		1997.. 64 332	780 368	47 212	D	17 120	X	X	
322	Paper mfg	2000.. 6 952 305	73 952 185	3 184 896	41 980 410	3 767 409	1	1	
		1999.. 5 981 792	70 905 868	2 927 303	44 663 651	3 054 489	1	1	
		1998.. 5 929 870	72 605 312	2 910 744	46 347 551	3 019 126	1	1	
		1997.. 6 274 284	70 052 067	2 910 025	44 958 910	3 364 259	X	X	
3221	Pulp, paper, & paperboard mills	2000.. 5 840 813	61 494 936	2 448 942	41 969 943	3 391 872	1	1	
		1999.. 4 972 496	58 854 572	2 223 858	44 650 488	2 748 638	1	1	
		1998.. 4 926 725	60 795 192	2 209 596	46 307 130	2 717 129	1	1	
		1997.. 5 267 643	58 654 352	2 230 784	44 959 981	3 036 859	X	X	
32211	Pulp mills	2000.. 256 450	2 030 193	87 669	2 520 322	168 782	8	2	
		1999.. 202 302	1 884 604	74 948	2 397 790	127 354	3	1	
		1998.. 199 978	1 866 698	75 101	2 162 434	124 877	1	2	
		1997.. 217 771	1 707 732	72 262	2 435 300	145 509	X	X	
322110	Pulp mills	2000.. 256 450	2 030 193	87 669	2 520 322	168 782	8	2	
		1999.. 202 302	1 884 604	74 948	2 397 790	127 354	3	1	
		1998.. 199 978	1 866 698	75 101	2 162 434	124 877	1	2	
		1997.. 217 771	1 707 732	72 262	2 435 300	145 509	X	X	
32212	Paper mills	2000.. 3 388 954	38 297 767	1 509 095	25 606 664	1 879 859	1	1	
		1999.. 2 967 722	37 749 701	1 422 198	26 421 800	1 545 524	1	1	
		1998.. 2 951 478	40 385 388	1 434 320	27 883 337	1 517 158	1	1	
		1997.. 3 213 063	38 653 171	1 473 724	25 774 198	1 739 339	X	X	
322121	Paper (except newsprint) mills	2000.. 2 798 917	26 922 522	1 130 202	21 809 464	1 668 716	1	1	
		1999.. 2 443 754	27 026 161	1 075 972	22 429 842	1 367 783	1	1	
		1998.. 2 377 381	27 800 000	1 042 598	23 287 000	1 334 783	2	1	
		1997.. 2 606 287	26 641 667	1 086 483	21 586 383	1 519 804	X	X	
322122	Newsprint mills	2000.. 590 037	11 375 244	378 893	3 797 200	211 144	1	1	
		1999.. 523 968	10 723 540	346 227	3 991 958	177 741	1	1	
		1998.. 574 097	12 585 388	391 722	4 596 337	182 375	3	1	
		1997.. 606 776	12 011 504	387 241	4 187 815	219 535	X	X	
32213	Paperboard mills	2000.. 2 195 409	21 166 976	852 178	13 842 958	1 343 231	1	1	
		1999.. 1 802 472	19 220 266	726 712	15 830 898	1 075 761	1	1	
		1998.. 1 775 269	18 543 107	700 175	16 261 359	1 075 094	1	1	
		1997.. 1 836 809	18 293 449	684 798	16 750 483	1 152 011	X	X	
322130	Paperboard mills	2000.. 2 195 409	21 166 976	852 178	13 842 958	1 343 231	1	1	
		1999.. 1 802 472	19 220 266	726 712	15 830 898	1 075 761	1	1	
		1998.. 1 775 269	18 543 107	700 175	16 261 359	1 075 094	1	1	
		1997.. 1 836 809	18 293 449	684 798	16 750 483	1 152 011	X	X	

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			Quantity (1,000 kWh)	Purchased		Generated less sold (1,000 kWh)		C	E
				Cost (\$1,000)					
				A	B				
322	Paper mfg—Con.								
3222	Converted paper product mfg . . . . .	2000.. 1 111 492	12 457 249	735 955	10 467	375 537	1	2	
		1999.. 1 009 296	12 051 296	703 445	13 163	305 851	1	2	
		1998.. 1 003 145	11 810 119	701 148	S	301 997	1	2	
		1997.. 1 006 641	11 397 715	679 241	S	327 400	X	X	
32221	Paperboard container mfg . . . . .	2000.. 609 725	6 421 664	394 806	8 902	214 919	1	2	
		1999.. 547 813	6 181 290	375 583	9 629	172 230	1	2	
		1998.. 548 517	6 166 221	382 798	D	165 719	1	3	
		1997.. 541 941	5 824 745	358 855	D	183 086	X	X	
322211	Corrugated & solid fiber box mfg . . . . .	2000.. 421 779	3 881 062	244 687	D	177 091	1	2	
		1999.. 368 178	3 750 941	231 407	D	136 771	1	3	
		1998.. 361 312	3 627 627	229 481	D	131 831	2	3	
		1997.. 357 954	3 432 630	215 139	D	142 815	X	X	
322212	Folding paperboard box mfg . . . . .	2000.. 108 788	1 401 499	88 279	—	20 509	2	7	
		1999.. 100 281	1 314 894	81 794	—	18 487	2	7	
		1998.. 111 654	1 449 522	89 417	—	22 238	1	2	
		1997.. 109 340	1 359 925	85 707	—	23 633	X	X	
322213	Setup paperboard box mfg . . . . .	2000.. 6 153	49 737	4 098	—	2 055	8	9	
		1999.. S	S	S	—	S	6	6	
		1998.. S	S	S	—	S	X	X	
		1997.. 7 604	73 019	5 013	—	2 591	X	X	
322214	Fiber can, tube, drum, & similar products mfg . . . . .	2000.. 25 165	266 584	17 950	D	7 215	4	4	
		1999.. 25 434	280 787	18 510	D	6 290	3	5	
		1998.. 23 250	273 398	17 288	D	5 963	2	3	
		1997.. 23 651	267 511	17 208	D	6 443	X	X	
322215	Nonfolding sanitary food container mfg . . . . .	2000.. 47 840	822 782	39 792	—	8 048	1	5	
		1999.. 47 454	776 806	39 464	—	7 990	1	5	
		1998.. 43 715	678 286	36 368	—	7 347	1	2	
		1997.. 43 392	691 660	35 788	—	7 604	X	X	
32222	Paper bag & coated & treated paper mfg . . . . .	2000.. 267 847	2 837 674	158 706	D	109 140	1	2	
		1999.. 240 114	2 742 350	154 663	D	85 451	1	2	
		1998.. 244 738	2 812 063	155 902	D	88 837	1	2	
		1997.. 259 282	2 827 607	158 498	D	100 784	X	X	
322221	Coated & laminated packaging paper & plastics film mfg . . . . .	2000.. 23 924	267 219	15 729	—	8 194	9	6	
		1999.. 22 414	276 355	15 768	—	6 645	8	4	
		1998.. 22 545	257 742	14 933	—	6 612	7	25	
		1997.. 22 751	270 926	15 844	—	6 907	X	X	
322222	Coated & laminated paper mfg . . . . .	2000.. 176 069	1 772 326	97 577	1 807	78 492	1	2	
		1999.. 156 125	1 659 148	94 024	3 753	62 100	1	2	
		1998.. 154 017	1 646 240	91 144	D	62 873	1	1	
		1997.. 166 078	1 662 798	92 811	D	73 267	X	X	
322223	Plastics, foil, & coated paper bag mfg . . . . .	2000.. 4 703	43 129	3 145	—	1 557	8	4	
		1999.. 4 579	47 360	3 308	—	1 272	8	4	
		1998.. 5 535	57 966	4 213	—	1 321	2	7	
		1997.. 5 603	61 068	4 299	—	1 304	X	X	
322224	Uncoated paper & multiwall bag mfg . . . . .	2000.. 28 096	359 819	20 225	D	7 871	4	8	
		1999.. 27 413	384 573	20 822	D	6 592	4	7	
		1998.. 28 058	406 447	21 821	—	6 237	1	2	
		1997.. 28 289	408 930	21 913	—	6 376	X	X	
322225	Laminated aluminum foil mfg for flexible packaging uses . . . . .	2000.. 22 874	247 006	13 878	—	8 996	3	3	
		1999.. 21 072	253 063	14 266	—	6 805	1	5	
		1998.. 23 874	290 876	15 247	—	8 627	3	1	
		1997.. 25 260	271 216	14 937	—	10 323	X	X	
322226	Surface-coated paperboard mfg . . . . .	2000.. 12 180	148 176	8 151	—	4 030	5	18	
		1999.. 8 511	121 851	6 474	—	2 037	6	23	
		1998.. 11 709	152 792	8 543	—	3 166	1	6	
		1997.. 11 301	152 669	8 694	—	2 607	X	X	
32223	Stationery product mfg . . . . .	2000.. 79 248	1 068 961	68 490	841	10 758	2	9	
		1999.. 77 198	1 018 553	66 161	923	11 036	2	9	
		1998.. 72 148	906 240	56 952	S	15 195	7	18	
		1997.. 73 534	967 051	64 149	—	9 385	X	X	
322231	Die-cut paper & paperboard office supplies mfg . . . . .	2000.. 13 412	170 451	11 610	53	1 802	8	24	
		1999.. 13 268	171 769	11 250	48	2 018	8	14	
		1998.. 13 392	176 217	11 064	S	2 328	1	6	
		1997.. 12 314	150 036	9 983	—	2 331	X	X	
322232	Envelope mfg . . . . .	2000.. 53 931	741 807	47 261	788	6 671	2	13	
		1999.. 51 561	693 536	44 838	875	6 723	2	13	
		1998.. 47 439	582 393	36 711	—	10 728	11	25	
		1997.. 49 455	668 850	44 839	—	4 616	X	X	
322233	Stationery, tablet, & related product mfg . . . . .	2000.. 11 905	156 703	9 620	—	2 286	2	9	
		1999.. 12 369	153 248	10 074	—	2 295	1	8	
		1998.. 11 317	147 630	9 178	—	2 139	3	4	
		1997.. 11 765	148 165	9 327	—	2 438	X	X	
32229	Other converted paper product mfg . . . . .	2000.. 154 672	2 128 951	113 952	D	40 720	4	6	
		1999.. 144 170	2 109 103	107 037	D	37 133	4	9	
		1998.. 137 742	1 925 595	105 496	S	32 246	1	3	
		1997.. 131 884	1 778 312	97 739	S	34 145	X	X	
322291	Sanitary paper product mfg . . . . .	2000.. 54 350	967 172	47 750	D	6 600	5	3	
		1999.. 55 119	1 036 959	48 682	D	6 438	5	3	
		1998.. 59 361	1 102 286	54 019	D	5 342	1	18	
		1997.. 63 938	1 055 559	52 502	S	11 436	X	X	
322299	All other converted paper product mfg . . . . .	2000.. 100 322	1 161 778	66 202	51	34 120	6	7	
		1999.. 89 051	1 072 144	58 355	41	30 696	7	10	
		1998.. 78 381	823 309	51 477	S	26 903	3	2	
		1997.. 67 946	722 753	45 237	S	22 709	X	X	

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			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
		A	B	C	D	E	C	E	
323	Printing & related support activities .....	2000..	1 232 303	15 503 131	933 980	D	298 323	1	3
		1999..	1 176 853	14 756 991	904 884	D	271 970	1	3
		1998..	1 161 255	14 748 853	898 565	S	262 690	1	2
		1997..	1 132 381	14 287 756	862 966	S	269 415	X	X
3231	Printing & related support activities .....	2000..	1 232 303	15 503 131	933 980	D	298 323	1	3
		1999..	1 176 853	14 756 991	904 884	D	271 970	1	3
		1998..	1 161 255	14 748 853	898 565	S	262 690	1	2
		1997..	1 132 381	14 287 756	862 966	S	269 415	X	X
32311	Printing .....	2000..	1 158 276	14 633 499	875 050	D	283 226	1	3
		1999..	1 101 913	13 877 784	844 743	D	257 170	1	3
		1998..	1 084 170	13 753 733	835 866	S	248 304	1	2
		1997..	1 058 338	13 346 932	804 256	S	254 082	X	X
323110	Commercial lithographic printing .....	2000..	683 846	8 688 879	526 232	D	157 614	2	3
		1999..	652 164	8 169 834	505 193	D	146 970	2	4
		1998..	629 425	8 009 560	490 837	S	138 588	1	4
		1997..	618 710	7 748 130	475 271	S	143 439	X	X
323111	Commercial gravure printing .....	2000..	97 285	1 295 776	60 557	—	36 728	2	2
		1999..	90 227	1 315 335	60 544	—	29 684	2	2
		1998..	94 262	1 323 599	64 335	—	29 927	1	3
		1997..	87 613	1 255 661	59 924	—	27 689	X	X
323112	Commercial flexographic printing .....	2000..	50 046	643 495	38 881	—	11 164	2	9
		1999..	46 717	617 049	37 418	—	9 299	2	10
		1998..	46 237	578 072	35 804	—	10 433	2	6
		1997..	43 325	539 953	33 884	—	9 441	X	X
323113	Commercial screen printing .....	2000..	79 021	809 157	53 223	D	25 798	4	6
		1999..	70 766	744 331	50 387	D	20 379	4	7
		1998..	72 891	790 474	52 601	—	20 290	7	9
		1997..	75 736	771 158	51 818	—	23 918	X	X
323114	Quick printing .....	2000..	35 784	471 635	29 567	—	6 217	8	88
		1999..	34 866	408 228	28 332	—	6 535	4	40
		1998..	42 879	483 963	33 417	—	9 462	13	6
		1997..	36 746	414 150	27 402	—	9 344	X	X
323115	Digital printing .....	2000..	4 822	58 817	3 851	—	971	8	8
		1999..	4 186	49 034	3 394	—	793	7	9
		1998..	4 048	42 541	2 924	—	1 124	1	13
		1997..	3 442	38 469	2 590	—	852	X	X
323116	Manifold business form printing .....	2000..	73 430	932 474	59 015	—	14 415	3	8
		1999..	76 721	932 409	60 790	—	15 931	3	8
		1998..	71 123	917 688	58 313	—	12 810	4	2
		1997..	72 526	992 741	59 010	—	13 516	X	X
323117	Book printing .....	2000..	79 989	1 111 914	61 754	—	18 235	2	3
		1999..	77 054	1 089 229	60 391	—	16 664	2	5
		1998..	71 779	1 029 758	57 303	—	14 475	2	5
		1997..	70 825	1 028 126	55 509	—	15 316	X	X
323118	Blankbook, looseleaf binder, & device mfg .....	2000..	14 520	195 593	12 440	—	2 080	4	9
		1999..	14 735	181 445	12 644	—	2 092	3	9
		1998..	17 146	210 094	14 363	—	2 784	4	4
		1997..	17 163	210 638	14 388	—	2 775	X	X
323119	Other commercial printing .....	2000..	39 534	425 760	29 530	—	10 004	8	14
		1999..	34 476	370 890	25 652	—	8 824	8	15
		1998..	34 382	367 985	25 969	—	8 413	6	8
		1997..	32 252	347 906	24 460	—	7 792	X	X
32312	Support activities for printing .....	2000..	74 027	869 632	58 930	—	15 097	4	6
		1999..	74 940	879 207	60 140	—	14 800	4	6
		1998..	77 085	995 119	62 699	—	14 386	3	4
		1997..	74 043	940 824	58 710	—	15 333	X	X
323121	Tradebinding & related work .....	2000..	30 156	343 346	24 078	—	6 078	6	10
		1999..	29 056	322 971	23 230	—	5 827	5	12
		1998..	29 361	436 882	23 277	—	6 084	5	3
		1997..	26 806	392 985	20 414	—	6 392	X	X
323122	Prepress services .....	2000..	43 871	526 286	34 852	—	9 019	5	8
		1999..	45 884	556 237	36 911	—	8 973	6	7
		1998..	47 724	558 237	39 422	—	8 301	3	6
		1997..	47 237	547 839	38 296	—	8 941	X	X
324	Petroleum & coal products mfg .....	2000..	7 166 813	39 400 003	1 869 533	16 331 436	5 297 280	1	1
		1999..	4 875 703	33 321 870	1 449 987	16 207 130	3 425 715	1	1
		1998..	4 378 239	33 810 947	1 465 773	13 969 030	2 912 467	1	1
		1997..	4 710 953	39 986 851	1 909 641	9 087 663	2 801 312	X	X
3241	Petroleum & coal products mfg .....	2000..	7 166 813	39 400 003	1 869 533	16 331 436	5 297 280	1	1
		1999..	4 875 703	33 321 870	1 449 987	16 207 130	3 425 715	1	1
		1998..	4 378 239	33 810 947	1 465 773	13 969 030	2 912 467	1	1
		1997..	4 710 953	39 986 851	1 909 641	9 087 663	2 801 312	X	X
32411	Petroleum refineries .....	2000..	6 566 300	36 100 924	1 661 950	16 292 625	4 904 350	1	1
		1999..	4 388 893	30 438 306	1 270 892	16 165 988	3 118 001	1	1
		1998..	3 873 669	30 816 592	1 281 883	13 837 013	2 591 785	1	1
		1997..	4 181 276	37 019 576	1 725 681	8 940 712	2 455 595	X	X
324110	Petroleum refineries .....	2000..	6 566 300	36 100 924	1 661 950	16 292 625	4 904 350	1	1
		1999..	4 388 893	30 438 306	1 270 892	16 165 988	3 118 001	1	1
		1998..	3 873 669	30 816 592	1 281 883	13 837 013	2 591 785	1	1
		1997..	4 181 276	37 019 576	1 725 681	8 940 712	2 455 595	X	X

See footnotes at end of table.

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			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
		A	B	C	D	E	C	E	
324	Petroleum & coal products mfg—Con.								
3241	Petroleum & coal products mfg—Con.								
32412	Asphalt paving, roofing, & saturated materials mfg .....	2000.. 493 656	2 469 008	163 097	D	330 560	3	4	
		1999.. 401 383	2 143 393	140 316	D	261 067	3	2	
		1998.. 406 866	2 207 460	142 840	D	264 026	3	2	
		1997.. 404 470	2 176 191	139 924	D	264 546	X	X	
324121	Asphalt paving mixture & block mfg .....	2000.. 386 862	1 545 748	112 239	D	274 623	5	4	
		1999.. 314 609	1 371 880	98 577	D	216 032	4	3	
		1998.. 309 960	1 366 070	97 300	D	212 660	4	3	
		1997.. 307 656	1 352 839	95 695	D	211 961	X	X	
324122	Asphalt shingle & coating materials mfg .....	2000.. 106 794	923 260	50 858	—	55 937	2	2	
		1999.. 86 774	771 513	41 738	—	45 035	2	3	
		1998.. 96 906	841 391	45 539	D	51 367	1	2	
		1997.. 96 814	823 352	44 229	D	52 585	X	X	
32419	Other petroleum & coal products mfg .....	2000.. 106 857	830 071	44 486	D	62 370	3	3	
		1999.. 85 427	740 171	38 780	D	46 647	2	3	
		1998.. 97 705	786 894	41 050	D	56 655	2	1	
		1997.. 125 207	791 084	44 036	D	81 171	X	X	
324191	Petroleum lubricating oil & grease mfg .....	2000.. 58 742	461 380	26 897	D	31 844	3	4	
		1999.. 50 819	420 493	24 671	—	26 148	2	3	
		1998.. 58 644	448 533	25 059	D	33 584	2	2	
		1997.. 56 163	388 499	25 536	—	30 627	X	X	
324199	All other petroleum & coal products mfg .....	2000.. 48 115	368 691	17 589	45 439	30 526	5	5	
		1999.. 34 608	319 678	14 109	48 854	20 499	3	5	
		1998.. 39 061	338 361	15 990	—	23 070	5	1	
		1997.. 69 044	402 585	18 500	D	50 544	X	X	
325	Chemical mfg .....	2000.. 15 414 884	164 173 571	6 528 769	36 876 854	8 886 115	1	1	
		1999.. 12 390 997	158 893 177	6 005 148	38 152 270	6 385 849	1	1	
		1998.. 11 483 556	152 539 603	5 888 317	32 657 444	5 595 239	1	1	
		1997.. 11 719 648	157 082 253	5 877 499	27 051 632	5 842 149	X	X	
3251	Basic chemical mfg .....	2000.. 8 747 073	103 035 075	3 614 424	22 577 506	5 132 649	2	2	
		1999.. 6 826 152	97 229 106	3 230 911	23 771 455	3 595 242	1	2	
		1998.. 6 502 315	94 641 574	3 266 398	18 746 540	3 235 918	1	1	
		1997.. 6 759 780	101 717 750	3 299 597	15 925 121	3 460 183	X	X	
32511	Petrochemical mfg .....	2000.. 1 833 943	5 577 385	231 472	5 093 323	1 602 471	1	1	
		1999.. 1 239 278	5 427 354	195 579	6 188 508	1 043 699	1	1	
		1998.. 1 017 634	4 802 229	186 870	1 259 816	830 764	1	1	
		1997.. 987 936	3 887 828	161 955	1 745 783	825 981	X	X	
325110	Petrochemical mfg .....	2000.. 1 833 943	5 577 385	231 472	5 093 323	1 602 471	1	1	
		1999.. 1 239 278	5 427 354	195 579	6 188 508	1 043 699	1	1	
		1998.. 1 017 634	4 802 229	186 870	1 259 816	830 764	1	1	
		1997.. 987 936	3 887 828	161 955	1 745 783	825 981	X	X	
32512	Industrial gas mfg .....	2000.. 1 042 006	22 579 169	784 940	D	257 067	7	8	
		1999.. 952 373	19 472 523	694 983	D	257 390	2	6	
		1998.. 946 963	20 047 040	746 674	—	200 289	1	1	
		1997.. 884 803	18 799 015	704 038	—	180 765	X	X	
325120	Industrial gas mfg .....	2000.. 1 042 006	22 579 169	784 940	D	257 067	7	8	
		1999.. 952 373	19 472 523	694 983	D	257 390	2	6	
		1998.. 946 963	20 047 040	746 674	—	200 289	1	1	
		1997.. 884 803	18 799 015	704 038	—	180 765	X	X	
32513	Dye & pigment mfg .....	2000.. 323 546	3 536 326	148 041	D	175 506	2	3	
		1999.. 263 475	3 012 805	133 093	D	130 382	2	2	
		1998.. 255 382	3 025 346	131 245	—	124 137	1	1	
		1997.. 260 589	3 332 625	132 048	—	128 541	X	X	
325131	Inorganic dye & pigment mfg .....	2000.. 232 878	2 701 596	103 568	—	129 311	3	4	
		1999.. 190 564	2 327 748	94 333	—	96 231	1	2	
		1998.. 188 552	2 389 665	95 258	—	93 294	1	1	
		1997.. 189 187	2 497 102	93 756	—	95 431	X	X	
325132	Synthetic organic dye & pigment mfg .....	2000.. 90 668	834 730	44 473	D	46 195	4	2	
		1999.. 72 911	685 056	38 760	D	34 151	5	3	
		1998.. 66 829	635 681	35 987	—	30 843	1	1	
		1997.. 71 402	835 523	38 292	—	33 110	X	X	
32518	Other basic inorganic chemical mfg .....	2000.. 1 861 123	43 818 000	1 336 528	2 853 212	524 595	2	3	
		1999.. 1 652 828	44 494 500	1 258 477	—	394 352	2	3	
		1998.. 1 692 709	41 930 312	1 232 407	3 993 897	460 302	1	3	
		1997.. 1 735 463	49 422 372	1 306 092	3 304 377	429 371	X	X	
325181	Alkalies & chlorine mfg .....	2000.. 654 299	14 074 635	459 930	D	194 369	1	1	
		1999.. 519 123	12 243 728	373 339	D	145 784	1	1	
		1998.. 495 842	10 606 303	365 011	D	130 831	1	1	
		1997.. 527 228	12 638 258	382 104	D	145 124	X	X	
325182	Carbon black mfg .....	2000.. D	768 839	34 671	D	D	2	X	
		1999.. D	744 183	30 226	D	D	2	X	
		1998.. D	719 348	32 982	D	D	5	X	
		1997.. D	653 103	30 755	D	D	X	X	
325188	All other basic inorganic chemical mfg .....	2000.. D	28 974 526	841 927	40 500	D	3	X	
		1999.. D	31 506 590	854 911	161 129	D	2	X	
		1998.. D	30 604 661	834 413	913 765	D	1	X	
		1997.. D	36 131 011	893 233	52 199	D	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
			A	B	C	D		E	C
325	Chemical mfg—Con.								
3251	Basic chemical mfg—Con.								
32519	Other basic organic chemical mfg .....	2000.. 3 686 454	27 524 196	1 113 443	14 651 957	2 573 011	3	3	
		1999.. 2 718 198	24 821 924	948 779	14 231 021	1 769 420	3	4	
		1998.. 2 589 629	24 836 646	969 202	13 492 827	1 620 427	1	1	
		1997.. 2 890 989	26 275 910	995 464	10 874 961	1 895 525	X	X	
325191	Gum & wood chemical mfg .....	2000.. 34 039	256 786	11 382	—	22 657	1	1	
		1999.. 27 185	229 271	9 808	—	17 377	2	1	
		1998.. 26 638	232 775	9 770	—	16 867	2	1	
		1997.. 26 731	220 431	9 462	—	17 269	X	X	
325192	Cyclic crude & intermediate mfg .....	2000.. 453 309	4 377 515	154 573	180 459	298 737	2	1	
		1999.. 304 089	3 433 063	131 924	261 959	172 164	1	1	
		1998.. 258 819	3 303 285	116 319	287 764	142 500	1	1	
		1997.. 300 375	3 243 433	129 212	319 652	171 163	X	X	
325193	Ethyl alcohol mfg .....	2000.. 162 890	823 632	31 525	396 708	131 355	14	10	
		1999.. 128 235	660 499	26 005	426 402	102 229	12	11	
		1998.. 82 230	372 112	15 951	514 526	66 280	12	20	
		1997.. 103 856	431 975	20 194	498 762	83 662	X	X	
325199	All other basic organic chemical mfg .....	2000.. 3 036 226	22 066 262	915 964	14 074 790	2 120 263	4	4	
		1999.. 2 258 690	20 499 091	781 041	13 542 660	1 477 649	4	4	
		1998.. 2 221 942	20 928 494	827 162	12 690 537	1 394 780	1	1	
		1997.. 2 460 027	22 380 071	836 596	10 056 547	1 623 431	X	X	
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg .....	2000.. 3 036 385	31 854 546	1 322 224	10 248 489	1 714 161	1	1	
		1999.. 2 384 357	31 872 260	1 185 153	10 144 608	1 199 204	1	1	
		1998.. 2 222 810	27 992 926	1 071 100	9 528 667	1 151 711	1	1	
		1997.. 2 239 212	27 128 506	1 069 720	7 230 261	1 169 492	X	X	
32521	Resin & synthetic rubber mfg .....	2000.. 2 597 915	26 647 914	1 105 400	9 088 661	1 492 515	2	1	
		1999.. 1 938 498	25 274 057	894 162	8 940 894	994 335	1	2	
		1998.. 1 728 119	20 682 578	808 968	8 249 648	919 151	1	1	
		1997.. 1 744 365	19 927 155	798 858	5 699 008	945 507	X	X	
325211	Plastics material & resin mfg .....	2000.. 2 323 979	24 885 869	1 013 513	D	1 310 466	2	1	
		1999.. 1 746 407	23 569 135	868 032	8 750 412	878 375	1	2	
		1998.. 1 535 051	18 869 245	731 387	8 117 368	803 664	1	1	
		1997.. 1 523 072	18 018 300	713 974	5 538 492	809 098	X	X	
325212	Synthetic rubber mfg .....	2000.. 273 936	1 762 045	91 886	D	182 049	1	1	
		1999.. 192 091	1 704 922	76 130	190 482	115 961	1	1	
		1998.. 193 068	1 813 333	77 581	132 280	115 487	1	1	
		1997.. 221 293	1 908 855	84 884	160 516	136 409	X	X	
32522	Artificial & synthetic fibers & filaments mfg .....	2000.. 438 471	5 206 632	216 824	1 159 828	221 646	1	1	
		1999.. 445 859	6 598 203	240 990	1 203 714	204 869	1	1	
		1998.. 494 691	7 310 348	262 132	D	232 559	1	1	
		1997.. 494 847	7 201 351	270 862	D	223 985	X	X	
325221	Cellulosic organic fiber mfg .....	2000.. D	231 943	8 153	D	D	1	X	
		1999.. D	318 882	9 624	D	D	1	X	
		1998.. D	380 128	13 260	D	D	1	X	
		1997.. D	411 544	13 713	D	D	X	X	
325222	Noncellulosic organic fiber mfg .....	2000.. D	4 974 689	208 671	D	D	1	X	
		1999.. D	6 279 321	231 367	D	D	1	X	
		1998.. D	6 930 220	248 872	D	D	1	X	
		1997.. D	6 789 807	257 149	D	D	X	X	
3253	Pesticide, fertilizer, & other agricultural chemical mfg .....	2000.. 903 739	7 822 094	326 247	2 407 528	577 491	4	8	
		1999.. 804 384	7 789 830	322 396	2 524 740	481 989	3	5	
		1998.. 824 454	7 953 359	311 503	2 358 863	512 951	5	2	
		1997.. 810 488	7 647 953	324 980	2 200 482	485 508	X	X	
32531	Fertilizer mfg .....	2000.. 743 250	6 209 807	250 257	D	492 993	4	9	
		1999.. 660 895	6 150 594	247 685	D	413 210	4	6	
		1998.. 671 668	6 356 479	236 164	2 327 388	435 504	7	2	
		1997.. 673 391	6 086 877	254 451	2 164 618	418 940	X	X	
325311	Nitrogenous fertilizer mfg .....	2000.. 577 859	3 534 160	140 846	418 205	437 012	7	10	
		1999.. 492 446	3 183 245	132 989	479 147	359 457	6	7	
		1998.. 509 353	3 712 095	124 600	477 455	384 752	13	2	
		1997.. 500 292	3 330 733	131 992	442 801	368 300	X	X	
325312	Phosphatic fertilizer mfg .....	2000.. 136 301	2 372 573	91 874	1 848 874	44 427	3	6	
		1999.. 141 028	2 673 788	98 305	1 887 887	42 723	2	4	
		1998.. 131 895	2 339 842	93 955	1 849 933	37 940	1	3	
		1997.. 142 801	2 461 646	105 308	1 721 817	37 493	X	X	
325314	Fertilizer (mixing only) mfg .....	2000.. 29 091	303 073	17 537	D	11 554	11	13	
		1999.. 27 421	293 561	16 391	D	11 030	7	12	
		1998.. 30 420	304 542	17 608	—	12 812	4	4	
		1997.. 30 298	294 498	17 151	—	13 147	X	X	
32532	Pesticide & other agricultural chemical mfg .....	2000.. 160 488	1 612 287	75 990	D	84 498	9	6	
		1999.. 143 489	1 639 235	74 710	D	68 779	8	5	
		1998.. 152 786	1 596 880	75 340	31 475	77 446	1	1	
		1997.. 137 097	1 561 076	70 529	35 864	66 568	X	X	
325320	Pesticide & other agricultural chemical mfg .....	2000.. 160 488	1 612 287	75 990	D	84 498	9	6	
		1999.. 143 489	1 639 235	74 710	D	68 779	8	5	
		1998.. 152 786	1 596 880	75 340	31 475	77 446	1	1	
		1997.. 137 097	1 561 076	70 529	35 864	66 568	X	X	

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			Purchased		Generated less sold (1,000 kWh)	C		E	C	E
			Quantity (1,000 kWh)	Cost (\$1,000)						
			A	B	C	D		E	C	E
325	Chemical mfg—Con.									
3254	Pharmaceutical & medicine mfg . . . . .	2000.. 888 492	9 435 551	563 231	621 169	325 261	3	2		
		1999.. 858 655	9 736 042	581 781	637 723	276 873	12	1		
		1998.. 791 009	9 428 569	525 273	629 990	265 736	1	1		
		1997.. 766 373	8 623 291	489 119	645 584	277 254	X	X		
32541	Pharmaceutical & medicine mfg . . . . .	2000.. 888 492	9 435 551	563 231	621 169	325 261	3	2		
		1999.. 858 655	9 736 042	581 781	637 723	276 873	12	1		
		1998.. 791 009	9 428 569	525 273	629 990	265 736	1	1		
		1997.. 766 373	8 623 291	489 119	645 584	277 254	X	X		
325411	Medicinal & botanical mfg . . . . .	2000.. 180 126	1 838 620	95 323	D	84 803	3	2		
		1999.. 169 820	1 796 015	92 017	D	77 802	3	1		
		1998.. 217 227	2 526 378	132 369	D	84 858	1	1		
		1997.. 189 401	2 109 080	107 240	D	82 161	X	X		
325412	Pharmaceutical preparation mfg . . . . .	2000.. 526 019	5 400 121	333 161	500 081	192 858	5	3		
		1999.. 521 597	6 006 003	367 104	518 380	154 494	19	1		
		1998.. 409 494	4 667 480	273 981	402 169	135 513	1	1		
		1997.. 421 182	4 424 965	272 999	414 691	148 183	X	X		
325413	In-vitro diagnostic substance mfg . . . . .	2000.. 85 516	1 087 296	66 335	D	19 181	2	8		
		1999.. 78 495	1 036 689	62 586	D	15 908	1	4		
		1998.. 77 255	1 032 534	60 577	—	16 678	4	2		
		1997.. 71 739	967 666	56 169	—	15 570	X	X		
325414	Biological product (except diagnostic) mfg . . . . .	2000.. 96 831	1 109 513	68 412	D	28 419	7	3		
		1999.. 88 743	897 335	60 073	D	28 669	5	4		
		1998.. 87 034	1 202 177	58 346	D	28 688	1	1		
		1997.. 84 051	1 121 580	52 711	D	31 340	X	X		
3255	Paint, coating, & adhesive mfg . . . . .	2000.. 216 554	2 196 504	140 738	D	75 817	8	3		
		1999.. 202 902	2 095 943	135 980	D	66 922	8	3		
		1998.. 225 036	2 444 578	159 671	D	65 365	1	3		
		1997.. 217 410	2 325 409	149 628	D	67 782	X	X		
32551	Paint & coating mfg . . . . .	2000.. 133 914	1 423 167	92 065	3 404	41 848	2	4		
		1999.. 125 674	1 387 016	89 027	3 297	36 647	2	4		
		1998.. 132 279	1 468 757	93 753	D	38 526	2	4		
		1997.. 129 032	1 412 617	88 986	D	40 046	X	X		
325510	Paint & coating mfg . . . . .	2000.. 133 914	1 423 167	92 065	3 404	41 848	2	4		
		1999.. 125 674	1 387 016	89 027	3 297	36 647	2	4		
		1998.. 132 279	1 468 757	93 753	—	38 526	2	4		
		1997.. 129 032	1 412 617	88 986	S	40 046	X	X		
32552	Adhesive mfg . . . . .	2000.. 82 640	773 337	48 672	D	33 968	23	5		
		1999.. 77 228	708 927	46 953	D	30 275	23	4		
		1998.. 92 757	975 821	65 918	—	26 839	2	3		
		1997.. 88 378	912 792	60 642	S	27 736	X	X		
325520	Adhesive mfg . . . . .	2000.. 82 640	773 337	48 672	D	33 968	23	5		
		1999.. 77 228	708 927	46 953	D	30 275	23	4		
		1998.. 92 757	975 821	65 918	—	26 839	2	3		
		1997.. 88 378	912 792	60 642	S	27 736	X	X		
3256	Soap, cleaning compound, & toilet preparation mfg . . . . .	2000.. 425 826	3 832 988	222 480	D	203 346	2	2		
		1999.. 351 558	3 898 138	214 764	D	136 794	1	3		
		1998.. 368 207	3 968 840	222 109	D	146 099	1	1		
		1997.. 378 364	3 779 985	216 905	D	161 459	X	X		
32561	Soap & cleaning compound mfg . . . . .	2000.. 326 172	2 703 542	149 781	D	176 391	2	1		
		1999.. 260 689	2 803 623	144 600	D	116 089	1	2		
		1998.. 266 669	2 774 748	144 618	D	122 051	1	1		
		1997.. 284 270	2 739 048	144 110	D	140 160	X	X		
325611	Soap & other detergent mfg . . . . .	2000.. 97 663	1 063 604	55 223	D	42 440	1	2		
		1999.. 87 453	1 068 186	53 658	D	33 795	1	2		
		1998.. 102 397	1 113 165	60 179	D	42 218	2	2		
		1997.. 100 264	1 092 970	57 445	D	42 819	X	X		
325612	Polish & other sanitation good mfg . . . . .	2000.. 43 133	510 310	30 405	—	12 727	7	9		
		1999.. 40 178	477 096	28 175	—	12 002	4	9		
		1998.. 39 893	425 211	27 302	—	12 591	3	4		
		1997.. 41 772	458 663	28 361	—	13 411	X	X		
325613	Surface active agent mfg . . . . .	2000.. 185 377	1 129 628	64 153	D	121 224	1	1		
		1999.. 133 059	1 258 341	62 767	D	70 292	1	2		
		1998.. 124 379	1 236 372	57 137	—	67 242	1	1		
		1997.. 142 234	1 187 415	58 304	—	83 930	X	X		
32562	Toilet preparation mfg . . . . .	2000.. 99 654	1 129 446	72 699	—	26 955	4	13		
		1999.. 90 868	1 094 514	70 164	—	20 705	4	18		
		1998.. 101 538	1 194 092	77 491	—	24 048	2	4		
		1997.. 94 094	1 040 937	72 795	—	21 299	X	X		
325620	Toilet preparation mfg . . . . .	2000.. 99 654	1 129 446	72 699	—	26 955	4	13		
		1999.. 90 868	1 094 514	70 164	—	20 705	4	18		
		1998.. 101 538	1 194 092	77 491	—	24 048	2	4		
		1997.. 94 094	1 040 937	72 795	—	21 299	X	X		
3259	Other chemical product mfg . . . . .	2000.. 1 196 815	5 996 813	339 426	1 020 667	857 389	2	1		
		1999.. 962 990	6 271 858	334 164	1 109 739	628 825	3	3		
		1998.. 549 725	6 109 756	332 264	1 044 864	217 461	1	1		
		1997.. 548 021	5 859 359	327 550	1 017 915	220 471	X	X		
32591	Printing ink mfg . . . . .	2000.. 27 709	309 744	22 315	—	5 393	3	6		
		1999.. 27 168	332 340	22 100	D	5 069	3	7		
		1998.. 28 765	338 487	23 648	—	5 116	7	7		
		1997.. 27 635	325 438	22 057	—	5 578	X	X		
325910	Printing ink mfg . . . . .	2000.. 27 709	309 744	22 315	—	5 393	3	6		
		1999.. 27 168	332 340	22 100	D	5 069	3	7		
		1998.. 28 765	338 487	23 648	—	5 116	7	7		
		1997.. 27 635	325 438	22 057	—	5 578	X	X		

See footnotes at end of table.

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
325	Chemical mfg—Con.							
3259	Other chemical product mfg—Con.							
32592	Explosives mfg .....	2000.. 33 693	291 053	17 273	D	16 420	2	3
		1999.. 33 794	296 458	14 441	D	19 353	3	19
		1998.. 27 576	255 612	13 214	45 606	14 363	1	1
		1997.. 28 719	267 481	13 332	41 940	15 387	X	X
325920	Explosives mfg .....	2000.. 33 693	291 053	17 273	D	16 420	2	3
		1999.. 33 794	296 458	14 441	D	19 353	3	19
		1998.. 27 576	255 612	13 214	45 606	14 363	1	1
		1997.. 28 719	267 481	13 332	41 940	15 387	X	X
32599	All other chemical product & preparation mfg ....	2000.. 1 135 413	5 396 016	299 838	D	835 575	2	1
		1999.. 902 027	5 643 060	297 624	D	604 403	3	3
		1998.. 493 384	5 515 657	295 402	999 258	197 982	1	1
		1997.. 491 667	5 266 440	292 161	975 975	199 506	X	X
325991	Custom compounding of purchased resin .....	2000.. 139 371	1 906 463	111 279	—	28 092	2	9
		1999.. 131 875	1 841 128	106 330	703	25 545	2	10
		1998.. 141 638	1 915 678	113 991	—	27 648	2	2
		1997.. 142 366	1 825 567	111 358	—	31 008	X	X
325992	Photographic film, paper, plate, & chemical mfg .....	2000.. 730 499	1 190 758	64 280	D	666 219	2	1
		1999.. 523 630	1 509 497	71 361	D	452 269	1	1
		1998.. 135 487	1 505 013	75 240	924 179	60 247	1	1
		1997.. 140 055	1 527 921	78 504	938 066	61 551	X	X
325998	All other miscellaneous chemical product & preparation mfg .....	2000.. 265 543	2 298 795	124 279	166 241	141 264	4	8
		1999.. 246 522	2 292 435	119 933	167 090	126 589	7	13
		1998.. 216 259	2 094 966	106 172	75 079	110 087	1	1
		1997.. 209 246	1 912 952	102 299	37 909	106 947	X	X
326	Plastics & rubber products mfg .....	2000.. 3 755 589	54 794 743	2 941 198	472 366	814 391	1	2
		1999.. 3 451 781	53 015 700	2 829 796	452 550	621 985	1	1
		1998.. 3 331 030	50 129 965	2 751 408	60 409	579 622	1	1
		1997.. 3 332 007	49 876 149	2 715 691	54 511	616 316	X	X
3261	Plastics product mfg .....	2000.. 3 022 620	44 529 494	2 451 614	D	571 007	1	2
		1999.. 2 795 304	42 967 324	2 357 062	D	438 243	1	2
		1998.. 2 689 959	40 498 050	2 291 485	D	398 473	1	1
		1997.. 2 686 644	40 219 963	2 262 378	D	424 266	X	X
32611	Unsupported plastics film, sheet, & bag mfg .....	2000.. 623 687	9 149 247	473 435	D	150 253	1	3
		1999.. 573 564	9 056 216	453 361	D	120 203	1	4
		1998.. 550 112	8 705 749	452 925	D	97 187	1	2
		1997.. 548 564	9 011 337	449 690	D	98 874	X	X
326111	Unsupported plastics bag mfg .....	2000.. 173 927	2 391 576	127 773	D	46 154	1	2
		1999.. 166 994	2 448 251	129 015	D	37 980	1	2
		1998.. 156 431	2 433 539	137 401	D	19 030	2	1
		1997.. 151 111	2 628 541	134 217	D	16 894	X	X
326112	Unsupported plastics packaging film & sheet mfg .....	2000.. 78 453	1 214 224	57 396	-377	21 057	3	3
		1999.. 72 056	1 201 534	53 900	-371	18 156	3	5
		1998.. 61 032	1 041 750	47 543	—	13 489	2	6
		1997.. 61 025	946 778	45 376	—	15 649	X	X
326113	Unsupported plastics film & sheet (except packaging) mfg .....	2000.. 371 307	5 543 447	288 266	D	83 041	2	6
		1999.. 334 514	5 406 431	270 446	D	64 068	2	7
		1998.. 332 648	5 230 460	267 980	D	64 668	1	3
		1997.. 336 428	5 436 018	270 097	D	66 331	X	X
32612	Plastics pipe, pipe fitting, & unsupported profile shape mfg .....	2000.. 218 762	3 599 464	192 801	—	25 962	2	6
		1999.. 202 960	3 402 682	181 657	—	21 303	2	7
		1998.. 198 894	3 215 612	177 612	—	21 282	2	4
		1997.. 220 858	3 554 368	198 030	—	22 828	X	X
326121	Unsupported plastics profile shape mfg .....	2000.. 96 160	1 409 453	78 951	—	17 209	3	5
		1999.. 89 407	1 282 542	74 553	—	14 854	5	9
		1998.. 90 974	1 296 605	76 083	—	14 891	2	5
		1997.. 102 322	1 468 214	86 355	—	15 967	X	X
326122	Plastics pipe & pipe fitting mfg .....	2000.. 122 603	2 190 010	113 850	—	8 752	3	16
		1999.. 113 553	2 120 140	107 104	—	6 449	2	14
		1998.. 107 920	1 919 007	101 529	—	6 392	3	5
		1997.. 118 536	2 086 154	111 675	—	6 861	X	X
32613	Laminated plastics plate, sheet, & shape mfg ....	2000.. 59 301	557 014	33 095	—	26 207	3	3
		1999.. 48 071	523 647	29 232	—	18 838	4	6
		1998.. 49 664	559 315	31 245	—	18 419	1	3
		1997.. 55 255	605 840	33 767	—	21 488	X	X
326130	Laminated plastics plate, sheet, & shape mfg ..	2000.. 59 301	557 014	33 095	—	26 207	3	3
		1999.. 48 071	523 647	29 232	—	18 838	4	6
		1998.. 49 664	559 315	31 245	—	18 419	1	3
		1997.. 55 255	605 840	33 767	—	21 488	X	X
32614	Polystyrene foam product mfg .....	2000.. 166 298	1 929 967	98 695	—	67 603	5	9
		1999.. 149 276	1 965 833	99 294	—	49 982	5	5
		1998.. 129 969	1 703 190	88 083	D	41 886	1	4
		1997.. 131 592	1 493 608	81 033	D	50 559	X	X
326140	Polystyrene foam product mfg .....	2000.. 166 298	1 929 967	98 695	—	67 603	5	9
		1999.. 149 276	1 965 833	99 294	—	49 982	5	5
		1998.. 129 969	1 703 190	88 083	D	41 886	1	4
		1997.. 131 592	1 493 608	81 033	D	50 559	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
326	Plastics & rubber products mfg—Con.							
3261	Plastics product mfg—Con.							
32615	Urethane & other foam product (except polystyrene) mfg	2000.. 90 149	942 400	54 637	—	35 511	22	7
		1999.. 70 802	824 610	47 824	—	22 979	28	4
		1998.. 84 273	1 024 978	63 759	—	20 515	3	3
		1997.. 84 818	996 172	63 451	—	21 367	X	X
326150	Urethane & other foam product (except polystyrene) mfg	2000.. 90 149	942 400	54 637	—	35 511	22	7
		1999.. 70 802	824 610	47 824	—	22 979	28	4
		1998.. 84 273	1 024 978	63 759	—	20 515	3	3
		1997.. 84 818	996 172	63 451	—	21 367	X	X
32616	Plastics bottle mfg	2000.. 280 085	5 115 673	268 850	—	11 235	2	13
		1999.. 262 376	4 881 314	251 761	—	10 615	2	14
		1998.. 266 957	4 592 966	256 685	—	10 272	4	5
		1997.. 239 197	4 178 581	229 458	S	9 739	X	X
326160	Plastics bottle mfg	2000.. 280 085	5 115 673	268 850	—	11 235	2	13
		1999.. 262 376	4 881 314	251 761	—	10 615	2	14
		1998.. 266 957	4 592 966	256 685	—	10 272	4	5
		1997.. 239 197	4 178 581	229 458	S	9 739	X	X
32619	Other plastics product mfg	2000.. 1 584 338	23 235 729	1 330 101	26 831	254 237	1	4
		1999.. 1 488 256	22 313 022	1 293 933	29 797	194 323	1	3
		1998.. 1 410 090	20 696 241	1 221 178	34 082	188 912	1	2
		1997.. 1 406 360	20 380 057	1 206 949	28 195	199 411	X	X
326191	Plastics plumbing fixture mfg	2000.. 28 178	330 930	21 444	—	6 734	5	8
		1999.. 26 724	310 329	20 238	—	6 485	5	8
		1998.. 24 082	281 831	17 924	—	6 158	3	6
		1997.. 23 412	273 032	17 418	—	5 994	X	X
326192	Resilient floor covering mfg	2000.. 39 264	424 558	27 258	—	12 006	2	2
		1999.. 38 361	436 463	29 165	—	9 196	1	1
		1998.. 41 282	462 377	30 666	—	10 616	1	1
		1997.. 40 106	435 896	29 393	—	10 713	X	X
326199	All other plastics product mfg	2000.. 1 516 897	22 480 242	1 281 399	26 831	235 498	1	4
		1999.. 1 423 172	21 566 230	1 244 530	29 797	178 642	1	3
		1998.. 1 344 726	19 952 033	1 172 588	34 082	172 138	1	2
		1997.. 1 342 842	19 671 129	1 160 138	28 195	182 704	X	X
3262	Rubber product mfg	2000.. 732 969	10 265 249	489 584	D	243 385	1	2
		1999.. 656 477	10 048 376	472 734	D	183 743	1	2
		1998.. 641 071	9 631 915	459 923	D	181 148	1	2
		1997.. 645 363	9 656 186	453 313	D	192 050	X	X
32621	Tire mfg	2000.. 332 299	5 319 946	212 201	—	120 099	2	1
		1999.. 278 330	5 035 321	195 833	—	82 497	1	1
		1998.. 281 338	4 906 425	197 192	—	84 146	1	2
		1997.. 283 363	4 855 537	193 734	S	89 629	X	X
326211	Tire mfg (except retreading)	2000.. 315 012	5 097 217	199 733	—	115 279	2	1
		1999.. 263 894	4 838 169	184 779	—	79 116	1	1
		1998.. 267 886	4 736 550	187 268	—	80 618	1	2
		1997.. 269 804	4 707 931	183 753	S	86 051	X	X
326212	Tire retreading	2000.. 17 287	222 729	12 468	—	4 820	4	9
		1999.. 14 436	197 151	11 054	—	3 382	4	12
		1998.. 13 452	169 875	9 924	—	3 528	6	15
		1997.. 13 559	147 606	9 981	—	3 578	X	X
32622	Rubber & plastics hoses & belting mfg	2000.. 75 073	962 175	51 172	—	23 901	3	3
		1999.. 70 596	995 821	51 305	—	19 290	2	3
		1998.. 64 381	885 435	45 264	—	19 117	1	5
		1997.. 69 087	880 486	46 671	—	22 416	X	X
326220	Rubber & plastics hoses & belting mfg	2000.. 75 073	962 175	51 172	—	23 901	3	3
		1999.. 70 596	995 821	51 305	—	19 290	2	3
		1998.. 64 381	885 435	45 264	—	19 117	1	5
		1997.. 69 087	880 486	46 671	—	22 416	X	X
32629	Other rubber product mfg	2000.. 325 597	3 983 128	226 212	D	99 384	2	4
		1999.. 307 551	4 017 234	225 596	D	81 955	2	3
		1998.. 295 352	3 840 055	217 467	D	77 885	1	3
		1997.. 292 913	3 920 163	212 908	D	80 005	X	X
326291	Rubber product mfg for mechanical use	2000.. 150 484	1 904 009	107 339	D	43 146	2	5
		1999.. 143 233	1 916 112	107 293	D	35 940	2	4
		1998.. 139 519	1 943 288	107 182	D	32 337	1	2
		1997.. 133 518	1 852 934	100 766	D	32 752	X	X
326299	All other rubber product mfg	2000.. 175 112	2 079 119	118 873	—	56 239	3	6
		1999.. 164 318	2 101 123	118 303	—	46 016	4	5
		1998.. 155 833	1 896 767	110 284	D	45 549	1	6
		1997.. 159 395	2 067 229	112 142	D	47 253	X	X
327	Nonmetallic mineral product mfg	2000.. 4 663 445	41 203 992	1 939 028	246 506	2 724 416	1	1
		1999.. 4 110 290	40 196 389	1 855 788	228 323	2 254 502	1	1
		1998.. 4 084 125	38 556 250	1 858 163	286 462	2 225 962	1	1
		1997.. 4 040 080	37 627 285	1 813 727	218 575	2 226 353	X	X
3271	Clay product & refractory mfg	2000.. 532 294	3 402 938	181 484	D	350 811	2	3
		1999.. 437 125	3 198 081	175 154	D	261 971	2	2
		1998.. 409 754	2 976 153	173 076	D	236 678	2	3
		1997.. 429 064	3 038 381	174 669	D	254 395	X	X

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			Purchased		Generated less sold (1,000 kWh)	C		E	C	E
			Quantity (1,000 kWh)	Cost (\$1,000)						
			A	B	C	D		E	C	E
327	Nonmetallic mineral product mfg—Con.									
3271	Clay product & refractory mfg—Con.									
32711	Pottery, ceramics, & plumbing fixture mfg .....	2000.. 136 715	1 097 286	60 705	D	76 010	4	5		
		1999.. 124 702	1 118 491	61 765	D	62 937	2	3		
		1998.. 129 481	1 064 757	64 979	D	64 502	2	1		
		1997.. 126 824	1 063 259	62 301	D	64 523	X	X		
327111	Vitreous china plumbing fixture & bathroom accessories mfg .....	2000.. 43 018	303 247	14 393	—	28 625	7	5		
		1999.. 39 491	325 341	15 235	—	24 255	6	5		
		1998.. 39 582	302 476	15 814	D	23 768	1	1		
		1997.. 39 446	298 504	14 874	D	24 572	X	X		
327112	Vitreous china, fine earthenware, & other pottery product mfg .....	2000.. 48 810	342 913	21 065	D	27 745	8	13		
		1999.. 45 205	356 067	21 606	D	23 599	2	4		
		1998.. 46 195	340 971	21 565	D	24 630	1	1		
		1997.. 44 761	352 636	21 017	D	23 744	X	X		
327113	Porcelain electrical supply mfg .....	2000.. 44 888	451 127	25 247	D	19 641	4	6		
		1999.. 40 007	437 084	24 924	D	15 083	3	5		
		1998.. 43 704	421 310	27 600	—	16 104	4	3		
		1997.. 42 617	412 119	26 410	—	16 207	X	X		
32712	Clay building material & refractories mfg .....	2000.. 395 579	2 305 651	120 779	D	274 800	3	3		
		1999.. 312 423	2 079 591	113 390	D	199 033	3	2		
		1998.. 280 273	1 911 396	108 097	D	172 176	3	4		
		1997.. 302 240	1 975 122	112 368	D	189 872	X	X		
327121	Brick & structural clay tile mfg .....	2000.. 226 009	982 758	52 806	D	173 204	3	4		
		1999.. 171 611	916 841	50 371	D	121 240	3	3		
		1998.. 149 768	883 761	47 209	D	102 559	7	6		
		1997.. 168 249	912 490	51 245	D	117 004	X	X		
327122	Ceramic wall & floor tile mfg .....	2000.. 57 118	406 358	20 388	—	36 730	8	8		
		1999.. 46 676	381 270	18 535	—	28 142	7	7		
		1998.. 37 659	282 140	15 476	—	22 183	2	6		
		1997.. 40 945	290 861	15 948	—	24 997	X	X		
327123	Other structural clay product mfg .....	2000.. 13 562	53 666	3 820	—	9 742	4	3		
		1999.. 11 124	47 813	3 318	—	7 806	4	3		
		1998.. 9 706	50 206	3 550	—	6 156	1	1		
		1997.. 8 884	45 614	3 240	—	5 644	X	X		
327124	Clay refractory mfg .....	2000.. 36 232	194 706	11 869	—	24 362	11	9		
		1999.. 30 341	180 271	10 824	—	19 517	6	8		
		1998.. 31 607	193 598	12 234	—	19 373	3	5		
		1997.. 30 954	196 997	12 174	—	18 780	X	X		
327125	Nonclay refractory mfg .....	2000.. 62 659	668 163	31 896	—	30 762	8	11		
		1999.. 52 671	553 394	30 342	D	22 328	7	5		
		1998.. 51 532	501 692	29 628	—	21 904	5	1		
		1997.. 53 208	529 160	29 761	—	23 447	X	X		
3272	Glass & glass product mfg .....	2000.. 1 311 831	12 510 428	558 246	—	753 585	1	1		
		1999.. 1 084 898	12 493 348	535 231	—	549 667	1	1		
		1998.. 1 092 646	12 106 025	533 763	S	558 882	1	1		
		1997.. 1 105 346	11 751 195	529 753	—	575 593	X	X		
32721	Glass & glass product mfg .....	2000.. 1 311 831	12 510 428	558 246	—	753 585	1	1		
		1999.. 1 084 898	12 493 348	535 231	—	549 667	1	1		
		1998.. 1 092 646	12 106 025	533 763	S	558 882	1	1		
		1997.. 1 105 346	11 751 195	529 753	—	575 593	X	X		
327211	Flat glass mfg .....	2000.. 288 249	1 808 011	74 975	—	213 274	1	2		
		1999.. 217 343	1 668 879	71 868	—	145 474	1	1		
		1998.. 216 703	1 603 211	73 640	—	143 063	1	1		
		1997.. 220 466	1 602 433	72 857	—	147 609	X	X		
327212	Other pressed & blown glass & glassware mfg .....	2000.. 373 041	3 744 127	172 729	—	200 312	1	1		
		1999.. 328 213	3 949 127	163 997	—	164 215	1	1		
		1998.. 345 229	3 964 685	166 360	S	178 869	1	1		
		1997.. 345 475	3 842 879	165 797	—	179 678	X	X		
327213	Glass container mfg .....	2000.. 442 742	3 926 637	158 944	—	283 798	2	2		
		1999.. 352 322	3 931 883	155 355	—	196 967	1	1		
		1998.. 350 222	3 843 161	158 381	—	191 841	1	1		
		1997.. 361 082	3 709 154	157 489	—	203 593	X	X		
327215	Glass product mfg made of purchased glass ...	2000.. 207 799	3 031 653	151 598	—	56 201	2	8		
		1999.. 187 021	2 943 458	144 011	—	43 011	1	4		
		1998.. 180 491	2 694 968	135 382	—	45 109	2	2		
		1997.. 178 323	2 596 729	133 610	—	44 713	X	X		
3273	Cement & concrete product mfg .....	2000.. 1 507 387	15 130 271	709 745	183 659	797 642	1	1		
		1999.. 1 433 774	14 470 588	672 785	181 945	760 988	1	3		
		1998.. 1 414 421	13 640 803	671 492	D	742 929	1	1		
		1997.. 1 385 952	13 503 865	656 238	D	729 714	X	X		
32731	Cement mfg .....	2000.. 1 000 098	11 697 303	492 215	D	507 883	1	1		
		1999.. 943 593	11 220 892	464 878	D	478 715	1	1		
		1998.. 964 720	10 664 747	475 844	D	488 876	1	1		
		1997.. 967 367	10 794 303	482 384	D	484 983	X	X		
327310	Cement mfg .....	2000.. 1 000 098	11 697 303	492 215	D	507 883	1	1		
		1999.. 943 593	11 220 892	464 878	D	478 715	1	1		
		1998.. 964 720	10 664 747	475 844	D	488 876	1	1		
		1997.. 967 367	10 794 303	482 384	D	484 983	X	X		

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
			A	B	C	D		E	C
327	Nonmetallic mineral product mfg—Con.								
3273	Cement & concrete product mfg—Con.								
32732	Ready-mix concrete mfg .....	2000.. 313 750	1 844 048	114 852	D	198 898	5	4	
		1999.. 311 507	1 714 420	108 700	D	202 807	2	11	
		1998.. 268 634	1 480 625	98 559	7 980	170 075	2	2	
		1997.. 255 211	1 386 200	88 984	8 032	166 227	X	X	
327320	Ready-mix concrete mfg .....	2000.. 313 750	1 844 048	114 852	D	198 898	5	4	
		1999.. 311 507	1 714 420	108 700	D	202 807	2	11	
		1998.. 268 634	1 480 625	98 559	7 980	170 075	2	2	
		1997.. 255 211	1 386 200	88 984	8 032	166 227	X	X	
32733	Concrete pipe, brick, & block mfg .....	2000.. 96 896	858 522	55 572	10	41 323	5	8	
		1999.. 93 638	857 027	54 932	D	38 706	6	8	
		1998.. 94 464	798 283	51 507	D	42 957	4	5	
		1997.. 84 811	690 883	44 286	D	40 525	X	X	
327331	Concrete block & brick mfg .....	2000.. 63 167	564 866	36 133	10	27 034	8	12	
		1999.. 61 691	547 585	35 519	D	26 173	8	11	
		1998.. 59 286	489 996	32 050	D	27 236	4	5	
		1997.. 53 891	425 213	27 538	D	26 353	X	X	
327332	Concrete pipe mfg .....	2000.. 33 729	293 656	19 439	—	14 289	6	7	
		1999.. 31 947	309 442	19 414	—	12 533	6	12	
		1998.. 35 178	308 287	19 457	—	15 721	8	11	
		1997.. 30 920	265 670	16 748	—	14 172	X	X	
32739	Other concrete product mfg .....	2000.. 96 643	730 398	47 106	—	49 538	4	3	
		1999.. 85 035	678 249	44 275	—	40 760	2	3	
		1998.. 86 603	697 148	45 581	—	41 022	2	3	
		1997.. 78 563	632 479	40 584	—	37 979	X	X	
327390	Other concrete product mfg .....	2000.. 96 643	730 398	47 106	—	49 538	4	3	
		1999.. 85 035	678 249	44 275	—	40 760	2	3	
		1998.. 86 603	697 148	45 581	—	41 022	2	3	
		1997.. 78 563	632 479	40 584	—	37 979	X	X	
3274	Lime & gypsum product mfg .....	2000.. 623 187	3 023 303	151 415	D	471 773	2	2	
		1999.. 562 474	3 127 541	155 207	D	407 267	1	2	
		1998.. 570 920	3 123 390	151 678	D	419 242	3	3	
		1997.. 520 432	2 676 136	139 601	D	380 831	X	X	
32741	Lime mfg .....	2000.. 246 513	1 275 025	58 923	—	187 591	3	4	
		1999.. 246 424	1 320 932	61 513	—	184 911	2	3	
		1998.. 272 015	1 423 943	65 150	—	206 865	4	4	
		1997.. 238 928	1 130 382	57 383	—	181 545	X	X	
327410	Lime mfg .....	2000.. 246 513	1 275 025	58 923	—	187 591	3	4	
		1999.. 246 424	1 320 932	61 513	—	184 911	2	3	
		1998.. 272 015	1 423 943	65 150	—	206 865	4	4	
		1997.. 238 928	1 130 382	57 383	—	181 545	X	X	
32742	Gypsum product mfg .....	2000.. 376 674	1 748 278	92 492	D	284 182	2	3	
		1999.. 316 050	1 806 609	93 694	D	222 355	2	1	
		1998.. 298 905	1 699 447	86 528	D	212 377	4	6	
		1997.. 281 504	1 545 754	82 218	D	199 286	X	X	
327420	Gypsum product mfg .....	2000.. 376 674	1 748 278	92 492	D	284 182	2	3	
		1999.. 316 050	1 806 609	93 694	D	222 355	2	1	
		1998.. 298 905	1 699 447	86 528	D	212 377	4	6	
		1997.. 281 504	1 545 754	82 218	D	199 286	X	X	
3279	Other nonmetallic mineral product mfg .....	2000.. 688 745	7 137 053	338 139	33 306	350 606	3	3	
		1999.. 592 019	6 906 831	317 411	25 954	274 609	3	3	
		1998.. 596 385	6 709 878	328 155	D	268 230	3	2	
		1997.. 599 286	6 657 708	313 466	D	285 820	X	X	
32791	Abrasive product mfg .....	2000.. 78 571	964 575	51 084	21 459	27 487	10	5	
		1999.. 75 339	950 624	48 984	14 201	26 354	10	5	
		1998.. 60 816	765 977	40 664	D	20 152	23	3	
		1997.. 72 405	939 239	49 278	D	23 127	X	X	
327910	Abrasive product mfg .....	2000.. 78 571	964 575	51 084	21 459	27 487	10	5	
		1999.. 75 339	950 624	48 984	14 201	26 354	10	5	
		1998.. 60 816	765 977	40 664	D	20 152	23	3	
		1997.. 72 405	939 239	49 278	D	23 127	X	X	
32799	All other nonmetallic mineral product mfg .....	2000.. 610 174	6 172 478	287 055	11 846	323 119	2	3	
		1999.. 516 680	5 956 207	268 426	11 753	248 254	2	4	
		1998.. 535 569	5 943 901	287 491	—	248 079	2	2	
		1997.. 526 881	5 718 469	264 188	—	262 693	X	X	
327991	Cut stone & stone product mfg .....	2000.. 31 456	295 946	18 590	—	12 866	7	9	
		1999.. 29 749	284 675	18 087	—	11 662	8	9	
		1998.. 36 506	280 702	20 520	—	15 986	7	12	
		1997.. 32 670	268 488	17 299	—	15 371	X	X	
327992	Ground or treated mineral & earth mfg .....	2000.. 164 244	1 391 106	70 050	—	94 194	3	6	
		1999.. 144 625	1 377 097	67 225	—	77 401	3	7	
		1998.. 138 304	1 275 859	67 424	—	70 880	1	2	
		1997.. 142 716	1 385 385	64 573	—	78 143	X	X	
327993	Mineral wool mfg .....	2000.. 369 596	4 117 160	175 895	8 803	193 700	1	4	
		1999.. 304 566	3 954 253	162 940	9 686	141 626	1	5	
		1998.. 308 527	3 932 913	168 159	—	140 368	2	2	
		1997.. 303 793	3 687 581	156 709	—	147 084	X	X	
327999	All other miscellaneous nonmetallic mineral product mfg .....	2000.. 44 878	368 266	22 519	3 043	22 359	26	12	
		1999.. 37 741	340 183	20 175	2 067	17 566	28	12	
		1998.. 52 232	454 427	31 388	—	20 844	12	17	
		1997.. 47 702	377 015	25 607	—	22 095	X	X	

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)	E		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)					
			A	B	C				
331	Primary metal mfg.....	2000.. 8 664 790	136 691 751	5 059 029	4 682 855	3 605 761	1	1	
		1999.. 7 827 567	133 872 857	4 850 719	5 549 911	2 976 848	1	1	
		1998.. 7 979 888	130 159 929	4 808 727	14 070 736	3 171 162	1	1	
		1997.. 8 041 222	132 605 129	4 764 636	6 063 131	3 276 586	X	X	
3311	Iron & steel mills & ferroalloy mfg.....	2000.. 4 030 514	50 477 448	1 964 554	3 054 204	2 065 961	1	1	
		1999.. 3 462 700	49 603 333	1 833 986	3 508 997	1 628 714	1	1	
		1998.. 3 601 683	46 126 366	1 793 454	D	1 808 230	1	1	
		1997.. 3 621 702	47 655 450	1 786 896	D	1 834 806	X	X	
33111	Iron & steel mills & ferroalloy mfg.....	2000.. 4 030 514	50 477 448	1 964 554	3 054 204	2 065 961	1	1	
		1999.. 3 462 700	49 603 333	1 833 986	3 508 997	1 628 714	1	1	
		1998.. 3 601 683	46 126 366	1 793 454	D	1 808 230	1	1	
		1997.. 3 621 702	47 655 450	1 786 896	D	1 834 806	X	X	
331111	Iron & steel mills .....	2000.. 3 943 258	47 799 908	1 898 195	D	2 045 064	1	1	
		1999.. 3 374 790	46 794 995	1 764 594	D	1 610 196	1	1	
		1998.. 3 461 524	43 183 083	1 687 137	4 537 760	1 774 388	1	1	
		1997.. 3 476 368	44 690 515	1 678 695	3 656 108	1 797 673	X	X	
331112	Electrometallurgical ferroalloy product mfg .....	2000.. 87 256	2 677 540	66 359	D	20 897	3	7	
		1999.. 87 910	2 808 338	69 392	D	18 518	3	4	
		1998.. 140 159	2 943 283	106 317	D	33 842	1	1	
		1997.. 145 334	2 964 935	108 201	D	37 133	X	X	
3312	Steel product mfg from purchased steel .....	2000.. 418 336	4 742 921	261 280	—	157 056	1	1	
		1999.. 366 256	4 511 847	246 395	—	119 861	1	1	
		1998.. 390 637	4 750 728	268 613	—	122 024	1	1	
		1997.. 387 167	4 633 956	264 351	—	122 816	X	X	
33121	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 163 050	1 732 592	101 525	—	61 525	3	3	
		1999.. 136 335	1 548 485	92 572	—	43 763	2	3	
		1998.. 132 654	1 431 931	93 285	—	39 369	1	1	
		1997.. 135 593	1 420 828	93 582	—	42 011	X	X	
331210	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 163 050	1 732 592	101 525	—	61 525	3	3	
		1999.. 136 335	1 548 485	92 572	—	43 763	2	3	
		1998.. 132 654	1 431 931	93 285	—	39 369	1	1	
		1997.. 135 593	1 420 828	93 582	—	42 011	X	X	
33122	Rolling & drawing of purchased steel .....	2000.. 255 286	3 010 329	159 755	—	95 531	1	2	
		1999.. 229 921	2 963 362	153 823	—	76 098	1	1	
		1998.. 257 983	3 318 797	175 328	—	82 655	1	2	
		1997.. 251 574	3 213 128	170 769	—	80 805	X	X	
331221	Cold-rolled steel shape mfg.....	2000.. 126 539	1 346 636	69 594	—	56 945	1	2	
		1999.. 108 162	1 265 721	65 638	—	42 524	1	2	
		1998.. 133 447	1 687 310	87 184	—	46 263	1	1	
		1997.. 131 620	1 623 374	84 453	—	47 167	X	X	
331222	Steel wire drawing.....	2000.. 128 748	1 663 693	90 161	—	38 587	1	2	
		1999.. 121 758	1 697 641	88 184	—	33 574	1	2	
		1998.. 124 536	1 631 486	88 145	—	36 391	2	4	
		1997.. 119 954	1 589 754	86 316	—	33 638	X	X	
3313	Alumina & aluminum production & processing.....	2000.. 2 203 449	53 613 355	1 574 543	8 401	628 906	1	1	
		1999.. 2 075 642	52 606 523	1 530 595	D	545 047	1	1	
		1998.. 2 010 385	51 260 743	1 477 790	D	532 594	1	1	
		1997.. 2 026 932	52 176 666	1 435 322	D	591 610	X	X	
33131	Alumina & aluminum production & processing.....	2000.. 2 203 449	53 613 355	1 574 543	8 401	628 906	1	1	
		1999.. 2 075 642	52 606 523	1 530 595	D	545 047	1	1	
		1998.. 2 010 385	51 260 743	1 477 790	D	532 594	1	1	
		1997.. 2 026 932	52 176 666	1 435 322	D	591 610	X	X	
331311	Alumina refining.....	2000.. 171 350	380 449	16 553	D	154 797	1	1	
		1999.. 148 470	363 735	15 034	D	133 436	1	1	
		1998.. 165 854	372 492	14 772	701 106	151 082	1	1	
		1997.. 172 584	373 330	16 057	658 309	156 527	X	X	
331312	Primary aluminum production .....	2000.. 1 321 052	44 475 803	1 205 717	D	115 335	1	1	
		1999.. 1 270 651	44 042 507	1 161 625	D	109 026	1	1	
		1998.. 1 211 564	42 882 931	1 130 650	D	80 914	1	1	
		1997.. 1 184 024	43 426 337	1 070 993	D	113 031	X	X	
331314	Secondary smelting & alloying of aluminum.....	2000.. 123 049	850 256	48 330	—	74 719	2	4	
		1999.. 111 020	845 144	49 155	—	61 864	2	4	
		1998.. 95 516	643 425	35 289	—	60 227	1	3	
		1997.. 87 800	638 268	33 996	—	53 804	X	X	
331315	Aluminum sheet, plate, & foil mfg.....	2000.. 368 618	5 219 435	186 369	—	182 249	3	4	
		1999.. 336 119	4 761 952	179 075	—	157 044	3	4	
		1998.. 336 978	4 814 262	173 475	—	163 503	1	1	
		1997.. 375 254	5 170 559	190 660	—	184 594	X	X	
331316	Aluminum extruded product mfg .....	2000.. 178 271	1 814 211	87 958	—	90 314	5	3	
		1999.. 164 216	1 745 826	89 388	—	74 828	3	2	
		1998.. 151 274	1 638 955	85 261	—	66 013	1	1	
		1997.. 154 210	1 592 105	82 329	87 150	71 881	X	X	
331319	Other aluminum rolling & drawing .....	2000.. 41 109	873 200	29 616	—	11 493	2	2	
		1999.. 45 166	847 359	36 318	—	8 848	1	3	
		1998.. 49 198	908 678	38 344	—	10 854	1	1	
		1997.. 53 060	976 067	41 287	—	11 773	X	X	

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
331	Primary metal mfg—Con.							
3314	Nonferrous metal (except aluminum) production & processing .....	2000.. 796 540	11 566 223	469 041	1 617 928	327 500	2	1
		1999.. 756 168	11 244 037	465 295	1 845 877	290 873	1	2
		1998.. 775 596	11 948 312	482 585	1 236 571	293 011	1	1
		1997.. 814 155	12 464 901	505 905	1 272 485	308 250	X	X
33141	Nonferrous metal (except aluminum) smelting & refining .....	2000.. 348 992	5 930 833	193 308	1 620 205	155 684	4	1
		1999.. 323 131	5 633 043	196 145	1 848 060	126 986	2	1
		1998.. 318 844	6 110 811	194 579	1 228 069	124 264	2	1
		1997.. 343 140	6 525 056	212 329	1 265 609	130 811	X	X
331411	Primary smelting & refining of copper .....	2000.. 140 189	1 521 870	58 698	D	81 492	1	1
		1999.. 114 609	1 051 890	49 184	434 043	65 426	1	1
		1998.. 117 932	1 889 781	56 141	436 307	61 791	1	1
		1997.. 129 160	2 092 878	63 553	480 706	65 607	X	X
331419	Other nonferrous metal primary smelting & refining .....	2000.. 208 803	4 408 963	134 610	D	74 192	5	2
		1999.. 208 522	4 581 164	146 962	1 414 017	61 560	3	2
		1998.. 200 912	4 221 030	138 438	791 762	62 474	3	1
		1997.. 213 980	4 432 178	148 776	784 903	65 204	X	X
33142	Copper rolling, drawing, extruding, & alloying .....	2000.. 204 006	2 648 250	130 089	—	73 918	1	3
		1999.. 188 582	2 609 878	123 989	D	64 593	1	7
		1998.. 196 895	2 604 515	130 592	D	66 302	1	1
		1997.. 201 065	2 648 668	132 253	D	68 812	X	X
331421	Copper rolling, drawing, & extruding .....	2000.. 169 092	2 278 988	105 945	—	63 147	1	4
		1999.. 156 596	2 264 972	102 347	D	54 250	1	8
		1998.. 163 117	2 252 116	108 782	D	54 335	1	1
		1997.. 168 283	2 296 362	110 147	D	58 136	X	X
331422	Copper wire (except mechanical) drawing .....	2000.. 13 780	202 704	12 293	—	1 487	6	2
		1999.. 10 870	153 597	9 672	D	1 198	5	7
		1998.. 12 010	161 474	9 996	S	2 013	1	13
		1997.. 12 077	160 468	10 216	—	1 861	X	X
331423	Secondary smelting, refining, & alloying of copper .....	2000.. 21 134	166 557	11 851	—	9 283	3	2
		1999.. 21 116	191 308	11 970	—	9 145	2	2
		1998.. 21 768	190 925	11 814	—	9 954	1	5
		1997.. 20 705	191 838	11 890	—	8 815	X	X
33149	Other nonferrous metal rolling, drawing, extruding, & alloying .....	2000.. 243 542	2 987 140	145 644	-2 277	97 898	6	2
		1999.. 244 455	3 001 117	145 161	D	99 294	3	3
		1998.. 259 858	3 232 986	157 414	D	102 444	2	1
		1997.. 269 950	3 291 177	161 323	D	108 627	X	X
331491	Other nonferrous metal rolling, drawing, & extruding .....	2000.. 145 967	1 973 412	91 828	—	54 140	2	2
		1999.. 160 060	2 122 627	97 446	—	62 614	1	1
		1998.. 170 927	2 232 498	105 140	D	65 787	3	2
		1997.. 182 274	2 296 726	109 162	D	73 112	X	X
331492	Other nonferrous metal secondary smelting, refining, & alloying .....	2000.. 97 575	1 013 728	53 817	-2 277	43 758	16	3
		1999.. 84 395	878 490	47 715	D	36 680	9	7
		1998.. 88 931	1 000 488	52 274	—	36 657	1	1
		1997.. 87 676	994 451	52 161	—	35 515	X	X
3315	Foundries .....	2000.. 1 215 950	16 291 804	789 612	2 322	426 338	1	5
		1999.. 1 166 801	15 907 117	774 448	D	392 353	1	4
		1998.. 1 201 587	16 073 782	786 284	3 121	415 303	1	2
		1997.. 1 191 266	15 674 156	772 162	23 041	419 104	X	X
33151	Ferrous metal foundries .....	2000.. 862 787	12 153 972	572 715	-2 458	290 072	2	5
		1999.. 825 770	11 931 995	562 830	D	262 940	2	5
		1998.. 838 011	12 002 226	565 037	25	272 974	1	1
		1997.. 841 661	11 698 821	559 453	21 231	282 208	X	X
331511	Iron foundries .....	2000.. 639 409	9 163 634	414 719	—	224 690	2	7
		1999.. 604 298	8 950 477	404 379	D	199 919	2	6
		1998.. 631 257	9 060 820	416 080	D	215 178	1	2
		1997.. 640 941	8 863 165	417 455	D	223 486	X	X
331512	Steel investment foundries .....	2000.. 76 272	974 932	54 289	—	21 983	1	5
		1999.. 73 601	952 730	52 316	—	21 285	1	6
		1998.. 71 376	880 524	50 356	D	21 020	5	5
		1997.. 70 669	866 668	50 513	D	20 156	X	X
331513	Steel foundries (except investment) .....	2000.. 147 107	2 015 405	103 707	-2 458	43 399	2	5
		1999.. 147 872	2 028 787	106 135	D	41 736	2	5
		1998.. 135 378	2 060 881	98 601	—	36 777	1	1
		1997.. 130 051	1 968 988	91 485	—	38 566	X	X
33152	Nonferrous metal foundries .....	2000.. 353 163	4 137 832	216 897	4 780	136 266	2	9
		1999.. 341 031	3 975 122	211 618	4 687	129 413	2	5
		1998.. 363 576	4 071 556	221 247	3 096	142 329	3	6
		1997.. 349 605	3 975 335	212 709	1 810	136 896	X	X
331521	Aluminum die-casting foundries .....	2000.. 116 786	1 418 288	70 594	—	46 192	3	24
		1999.. 116 189	1 369 407	68 776	D	47 413	3	12
		1998.. 133 661	1 427 377	77 373	D	56 288	3	11
		1997.. 128 855	1 406 679	73 692	D	55 163	X	X
331522	Nonferrous (except aluminum) die-casting foundries .....	2000.. 47 800	562 983	33 005	—	14 795	5	13
		1999.. 47 898	536 074	32 835	—	15 063	3	8
		1998.. 56 941	580 415	37 166	—	19 775	3	7
		1997.. 47 846	497 596	31 564	—	16 282	X	X
331524	Aluminum foundries (except die-casting) .....	2000.. 139 785	1 580 592	79 618	4 780	60 167	3	6
		1999.. 129 389	1 511 977	76 038	4 687	53 351	3	6
		1998.. 126 912	1 469 585	73 198	D	53 713	2	4
		1997.. 119 976	1 427 739	70 260	D	49 716	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
331	Primary metal mfg—Con.								
3315	Foundries—Con.								
33152	Nonferrous metal foundries—Con.								
331525	Copper foundries (except die-casting) . . . . .	2000.. 30 875	358 406	21 225	—	9 650	5	11	
		1999.. 30 652	353 556	21 849	—	8 803	5	8	
		1998.. 32 097	373 410	23 310	—	8 788	6	19	
		1997.. 28 831	359 788	21 520	—	7 311	X	X	
331528	Other nonferrous foundries (except die-casting) . . . . .	2000.. 17 917	217 562	12 455	—	5 462	13	17	
		1999.. 16 903	204 108	12 120	—	4 783	13	16	
		1998.. 13 964	220 768	10 201	—	3 764	48	97	
		1997.. 24 097	283 533	15 673	—	8 424	X	X	
332	Fabricated metal product mfg . . . . .	2000.. 4 260 954	47 170 211	2 798 337	115 636	1 462 618	1	3	
		1999.. 3 927 852	45 185 473	2 664 214	113 846	1 263 638	1	3	
		1998.. 3 748 273	42 705 683	2 572 296	192 735	1 175 977	1	1	
		1997.. 3 692 166	41 510 070	2 504 217	80 093	1 187 949	X	X	
3321	Forging & stamping . . . . .	2000.. 585 920	6 582 087	370 237	1 557	215 683	2	3	
		1999.. 533 813	6 305 900	349 313	—	184 500	2	3	
		1998.. 475 745	5 232 634	305 501	10 984	170 245	1	7	
		1997.. 484 451	5 134 311	302 410	—	182 041	X	X	
33211	Forging & stamping . . . . .	2000.. 585 920	6 582 087	370 237	1 557	215 683	2	3	
		1999.. 533 813	6 305 900	349 313	—	184 500	2	3	
		1998.. 475 745	5 232 634	305 501	10 984	170 245	1	7	
		1997.. 484 451	5 134 311	302 410	—	182 041	X	X	
332111	Iron & steel forging . . . . .	2000.. 198 965	1 800 845	106 988	—	91 977	3	4	
		1999.. 174 310	1 795 872	101 920	—	72 390	2	4	
		1998.. 183 954	1 751 722	102 937	—	81 017	1	3	
		1997.. 172 971	1 640 727	95 388	—	77 583	X	X	
332112	Nonferrous forging . . . . .	2000.. 61 907	533 026	31 691	—	30 216	2	4	
		1999.. 56 585	520 497	30 579	—	26 005	1	3	
		1998.. 53 515	465 253	26 642	S	26 873	1	1	
		1997.. 51 580	450 636	26 791	—	24 789	X	X	
332114	Custom roll forming . . . . .	2000.. 65 743	1 340 696	50 873	—	14 870	3	6	
		1999.. 61 374	1 234 102	47 496	—	13 878	1	5	
		1998.. 45 733	730 397	33 521	22	12 212	2	4	
		1997.. 43 620	679 864	31 016	—	12 604	X	X	
332115	Crown & closure mfg . . . . .	2000.. 17 647	206 772	10 333	—	7 314	1	2	
		1999.. 17 140	194 812	10 478	—	6 661	1	1	
		1998.. 18 880	208 727	10 990	—	7 890	3	4	
		1997.. 20 613	209 134	11 512	—	9 101	X	X	
332116	Metal stamping . . . . .	2000.. 197 198	2 104 620	139 085	—	58 114	3	4	
		1999.. 182 969	1 881 423	128 676	—	54 293	3	7	
		1998.. 141 783	1 663 661	108 715	S	33 069	3	35	
		1997.. 163 713	1 749 789	115 396	—	48 317	X	X	
332117	Powder metallurgy part mfg . . . . .	2000.. 44 459	596 127	31 267	1 557	13 192	23	28	
		1999.. 41 437	679 194	30 164	—	11 272	18	26	
		1998.. 31 880	412 873	22 696	—	9 184	2	4	
		1997.. 31 954	404 161	22 307	—	9 647	X	X	
3322	Cutlery & handtool mfg . . . . .	2000.. 145 731	1 764 080	104 733	D	40 998	2	2	
		1999.. 138 823	1 705 480	103 016	D	35 806	2	5	
		1998.. 140 150	1 659 300	104 124	69 792	36 026	1	1	
		1997.. 145 951	1 703 508	106 629	57 534	39 322	X	X	
33221	Cutlery & handtool mfg . . . . .	2000.. 145 731	1 764 080	104 733	D	40 998	2	2	
		1999.. 138 823	1 705 480	103 016	D	35 806	2	5	
		1998.. 140 150	1 659 300	104 124	69 792	36 026	1	1	
		1997.. 145 951	1 703 508	106 629	57 534	39 322	X	X	
332211	Cutlery & flatware (except precious) mfg . . . . .	2000.. 20 854	222 408	15 303	D	5 551	4	3	
		1999.. 20 905	212 435	15 364	D	5 540	4	3	
		1998.. 21 354	205 532	15 092	D	6 262	3	2	
		1997.. 22 420	210 740	15 673	D	6 747	X	X	
332212	Hand & edge tool mfg . . . . .	2000.. 88 281	1 046 331	62 041	D	26 240	2	3	
		1999.. 84 196	1 032 853	61 388	D	22 808	2	3	
		1998.. 82 039	1 016 042	61 332	D	20 707	2	2	
		1997.. 85 210	1 045 188	62 763	D	22 447	X	X	
332213	Saw blade & handsaw mfg . . . . .	2000.. 19 376	294 617	16 759	—	2 616	3	7	
		1999.. 17 802	272 796	15 711	—	2 092	3	5	
		1998.. 18 566	241 274	16 453	—	2 113	1	5	
		1997.. 18 686	248 923	16 473	—	2 213	X	X	
332214	Kitchen utensil, pot, & pan mfg . . . . .	2000.. 17 220	200 725	10 630	—	6 590	1	5	
		1999.. 15 920	187 396	10 553	—	5 367	2	26	
		1998.. 18 191	196 451	11 247	—	6 944	2	1	
		1997.. 19 635	198 657	11 720	—	7 915	X	X	
3323	Architectural & structural metals mfg . . . . .	2000.. 663 573	6 687 305	411 888	2 703	251 685	5	13	
		1999.. 605 645	6 335 065	378 994	2 679	226 651	3	11	
		1998.. 527 369	5 578 070	348 973	S	178 396	1	2	
		1997.. 497 110	5 259 347	331 157	—	165 953	X	X	
33231	Plate work & fabricated structural product mfg . . . . .	2000.. 247 348	2 545 915	156 773	622	90 574	3	19	
		1999.. 235 612	2 377 622	150 277	600	85 335	3	18	
		1998.. 220 988	2 231 590	138 584	S	82 403	1	3	
		1997.. 207 998	2 171 274	135 865	—	72 133	X	X	
332311	Prefabricated metal building & component mfg . . . . .	2000.. 32 561	342 677	22 012	—	10 549	4	5	
		1999.. 32 077	349 341	21 114	—	10 963	3	10	
		1998.. 29 777	324 486	18 110	—	11 667	6	4	
		1997.. 29 658	310 769	18 635	—	11 023	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D			
332	Fabricated metal product mfg—Con.							
3323	Architectural & structural metals mfg—Con.							
33231	Plate work & fabricated structural product mfg—Con.							
332312	Fabricated structural metal mfg .....	2000.. 177 844	1 821 529	108 767	622	69 077	5	23
		1999.. 168 094	1 660 596	104 170	600	63 924	4	22
		1998.. 150 158	1 535 100	96 544	S	53 614	1	5
		1997.. 136 248	1 502 857	94 017	—	42 231	X	X
332313	Plate work mfg .....	2000.. 36 943	381 708	25 994	—	10 949	6	56
		1999.. 35 441	367 685	24 993	—	10 448	6	59
		1998.. 41 052	372 004	23 930	—	17 122	2	3
		1997.. 42 092	357 648	23 213	—	18 879	X	X
33232	Ornamental & architectural metal products mfg ..	2000.. 416 225	4 141 390	255 114	2 081	161 111	8	16
		1999.. 370 033	3 957 443	228 717	2 079	141 316	5	14
		1998.. 306 381	3 346 480	210 389	S	95 993	1	2
		1997.. 289 112	3 088 073	195 292	—	93 820	X	X
332321	Metal window & door mfg .....	2000.. 91 752	1 059 541	64 922	—	26 830	3	4
		1999.. 89 348	1 039 291	63 113	—	26 235	3	7
		1998.. 89 457	1 010 027	61 877	—	27 580	1	6
		1997.. 79 997	922 639	55 873	—	24 124	X	X
332322	Sheet metal work mfg .....	2000.. 264 088	2 534 558	154 770	2 081	109 319	12	24
		1999.. 222 353	2 404 565	132 668	2 079	89 686	8	22
		1998.. 171 913	1 864 879	118 440	S	53 473	3	2
		1997.. 165 765	1 727 419	111 058	—	54 707	X	X
332323	Ornamental & architectural metal work mfg ....	2000.. 60 385	547 291	35 423	—	24 962	7	7
		1999.. 58 331	513 587	32 936	—	25 395	6	7
		1998.. 45 011	471 573	30 072	—	14 940	2	2
		1997.. 43 350	438 015	28 361	—	14 989	X	X
3324	Boiler, tank, & shipping container mfg .....	2000.. 368 347	4 566 719	251 948	—	116 398	2	3
		1999.. 351 235	4 582 155	253 334	—	97 902	2	4
		1998.. 343 333	4 437 850	246 446	S	96 887	1	2
		1997.. 351 646	4 487 215	247 769	—	103 877	X	X
33241	Power boiler & heat exchanger mfg .....	2000.. 42 584	482 449	28 720	—	13 865	4	8
		1999.. 40 665	444 831	27 514	—	13 151	3	7
		1998.. 44 579	496 114	30 840	—	13 738	2	10
		1997.. 42 660	468 184	29 129	—	13 531	X	X
332410	Power boiler & heat exchanger mfg .....	2000.. 42 584	482 449	28 720	—	13 865	4	8
		1999.. 40 665	444 831	27 514	—	13 151	3	7
		1998.. 44 579	496 114	30 840	—	13 738	2	10
		1997.. 42 660	468 184	29 129	—	13 531	X	X
33242	Metal tank (heavy gauge) mfg .....	2000.. 72 829	746 160	46 060	—	26 769	8	10
		1999.. 69 999	773 568	47 408	—	22 591	10	15
		1998.. 63 374	693 258	42 768	—	20 607	3	4
		1997.. 62 830	661 408	40 644	—	22 186	X	X
332420	Metal tank (heavy gauge) mfg .....	2000.. 72 829	746 160	46 060	—	26 769	8	10
		1999.. 69 999	773 568	47 408	—	22 591	10	15
		1998.. 63 374	693 258	42 768	—	20 607	3	4
		1997.. 62 830	661 408	40 644	—	22 186	X	X
33243	Metal can, box, & other metal container (light gauge) mfg .....	2000.. 252 933	3 338 111	177 169	—	75 765	1	2
		1999.. 240 571	3 363 756	178 412	—	62 159	1	2
		1998.. 235 380	3 248 478	172 838	S	62 542	1	1
		1997.. 246 156	3 357 623	177 996	—	68 160	X	X
332431	Metal can mfg .....	2000.. 212 750	2 988 797	153 339	—	59 411	1	2
		1999.. 201 784	3 034 385	154 989	—	46 795	1	1
		1998.. 198 165	2 912 309	150 137	—	48 027	1	1
		1997.. 210 502	3 045 766	156 883	—	53 619	X	X
332439	Other metal container mfg .....	2000.. 40 184	349 314	23 830	—	16 354	3	6
		1999.. 38 787	329 371	23 423	—	15 365	3	6
		1998.. 37 216	336 168	22 701	S	14 515	3	1
		1997.. 35 654	311 857	21 113	—	14 541	X	X
3325	Hardware mfg .....	2000.. 101 913	1 229 495	74 383	D	27 530	2	16
		1999.. 96 775	1 210 401	73 379	D	23 396	2	19
		1998.. 107 500	1 242 803	77 517	D	29 983	1	2
		1997.. 112 551	1 275 709	79 253	D	33 298	X	X
33251	Hardware mfg .....	2000.. 101 913	1 229 495	74 383	D	27 530	2	16
		1999.. 96 775	1 210 401	73 379	D	23 396	2	19
		1998.. 107 500	1 242 803	77 517	D	29 983	1	2
		1997.. 112 551	1 275 709	79 253	D	33 298	X	X
332510	Hardware mfg .....	2000.. 101 913	1 229 495	74 383	D	27 530	2	16
		1999.. 96 775	1 210 401	73 379	D	23 396	2	19
		1998.. 107 500	1 242 803	77 517	D	29 983	1	2
		1997.. 112 551	1 275 709	79 253	D	33 298	X	X
3326	Spring & wire product mfg .....	2000.. 140 243	1 559 234	95 039	—	45 205	3	7
		1999.. 138 340	1 568 562	94 783	—	43 557	3	12
		1998.. 143 279	1 648 660	97 400	D	45 879	2	5
		1997.. 128 993	1 455 097	87 836	D	41 157	X	X
33261	Spring & wire product mfg .....	2000.. 140 243	1 559 234	95 039	—	45 205	3	7
		1999.. 138 340	1 568 562	94 783	—	43 557	3	12
		1998.. 143 279	1 648 660	97 400	D	45 879	2	5
		1997.. 128 993	1 455 097	87 836	D	41 157	X	X
332611	Spring (heavy gauge) mfg .....	2000.. 19 621	182 630	11 054	—	8 567	3	4
		1999.. 19 825	179 640	11 665	—	8 160	3	3
		1998.. 24 602	237 497	14 840	—	9 762	1	1
		1997.. 19 630	177 916	11 266	—	8 364	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
			A	B	C	D		E	
332	Fabricated metal product mfg—Con.								
3326	Spring & wire product mfg—Con.								
33261	Spring & wire product mfg—Con.								
332612	Spring (light gauge) mfg .....	2000.. 36 295	409 435	24 606	—	11 688	5	13	
		1999.. 33 372	409 824	23 499	—	9 874	4	15	
		1998.. 36 836	427 980	24 801	—	12 035	4	13	
		1997.. 31 349	354 303	21 458	—	9 891	X	X	
332618	Other fabricated wire product mfg .....	2000.. 84 327	967 169	59 378	—	24 950	4	10	
		1999.. 85 142	979 098	59 619	—	25 523	4	19	
		1998.. 81 841	983 183	57 759	—	24 082	2	6	
		1997.. 78 014	922 878	55 112	D	22 902	X	X	
3327	Machine shops, turned product, & screw, nut, & bolt mfg .....	2000.. 657 229	7 191 666	484 204	14 121	173 025	2	4	
		1999.. 625 157	6 677 876	458 521	D	166 635	2	5	
		1998.. 573 761	6 612 560	440 828	13 406	132 933	3	4	
		1997.. 573 240	6 410 732	431 739	10 038	141 501	X	X	
33271	Machine shops .....	2000.. 405 834	4 481 883	299 005	D	106 830	3	6	
		1999.. 382 160	4 041 941	277 121	2 329	105 039	3	7	
		1998.. 330 708	3 909 614	254 460	11 950	76 249	6	7	
		1997.. 334 795	3 796 246	251 532	4 091	83 263	X	X	
332710	Machine shops .....	2000.. 405 834	4 481 883	299 005	D	106 830	3	6	
		1999.. 382 160	4 041 941	277 121	2 329	105 039	3	7	
		1998.. 330 708	3 909 614	254 460	11 950	76 249	6	7	
		1997.. 334 795	3 796 246	251 532	4 091	83 263	X	X	
33272	Turned product & screw, nut, & bolt mfg .....	2000.. 251 395	2 709 783	185 199	D	66 196	3	3	
		1999.. 242 996	2 635 934	181 400	D	61 596	3	3	
		1998.. 243 053	2 702 947	186 369	1 456	56 684	2	3	
		1997.. 238 445	2 614 486	180 207	5 947	58 238	X	X	
332721	Precision turned product mfg .....	2000.. 117 836	1 327 764	91 683	89	26 153	2	8	
		1999.. 113 938	1 300 148	89 419	87	24 519	2	7	
		1998.. 113 571	1 346 534	91 860	S	21 711	2	5	
		1997.. 106 424	1 268 102	86 556	—	19 868	X	X	
332722	Bolt, nut, screw, rivet, & washer mfg .....	2000.. 133 558	1 382 018	93 516	D	40 042	6	3	
		1999.. 129 058	1 335 786	91 981	D	37 078	5	3	
		1998.. 129 482	1 356 413	94 509	1 551	34 973	2	3	
		1997.. 132 021	1 346 384	93 651	5 947	38 370	X	X	
3328	Coating, engraving, heat treating, & allied activities .....	2000.. 886 594	8 181 801	485 152	41 813	401 442	5	5	
		1999.. 755 039	7 380 557	439 525	36 175	315 514	3	5	
		1998.. 731 233	6 959 105	426 354	38 201	304 879	1	3	
		1997.. 707 238	6 708 662	412 774	4 124	294 464	X	X	
33281	Coating, engraving, heat treating, & allied activities .....	2000.. 886 594	8 181 801	485 152	41 813	401 442	5	5	
		1999.. 755 039	7 380 557	439 525	36 175	315 514	3	5	
		1998.. 731 233	6 959 105	426 354	38 201	304 879	1	3	
		1997.. 707 238	6 708 662	412 774	4 124	294 464	X	X	
332811	Metal heat treating .....	2000.. 266 672	2 310 420	139 263	4 168	127 410	13	9	
		1999.. 211 516	1 949 487	120 227	—	91 288	7	6	
		1998.. 215 295	1 832 746	113 316	24 850	101 979	4	7	
		1997.. 201 916	1 778 193	110 889	2 716	91 027	X	X	
332812	Metal coating/engraving (exc jewelry/silverware)/allied services .....	2000.. 339 272	3 043 173	164 587	10 198	174 685	8	11	
		1999.. 287 795	2 780 077	149 721	9 472	138 073	7	11	
		1998.. 258 009	2 429 292	140 861	470	117 148	2	3	
		1997.. 243 044	2 265 023	130 222	1 243	112 822	X	X	
332813	Electroplating, plating, polishing, anodizing, & coloring .....	2000.. 280 650	2 828 208	181 303	27 448	99 347	2	3	
		1999.. 255 729	2 650 993	169 576	26 703	86 152	2	3	
		1998.. 257 929	2 697 067	172 177	12 881	85 752	2	3	
		1997.. 262 278	2 665 446	171 663	165	90 615	X	X	
3329	Other fabricated metal product mfg .....	2000.. 711 404	9 407 824	520 753	D	190 651	1	1	
		1999.. 683 026	9 419 478	513 349	-1 205	169 676	1	1	
		1998.. 705 901	9 334 702	525 152	53 204	180 749	1	1	
		1997.. 690 986	9 075 489	504 650	2 594	186 336	X	X	
33291	Metal valve mfg .....	2000.. 220 393	3 193 371	179 519	313	40 874	1	3	
		1999.. 215 079	3 133 906	176 924	D	38 154	1	3	
		1998.. 229 611	3 229 133	186 231	D	43 380	1	3	
		1997.. 221 577	3 065 386	177 082	D	44 495	X	X	
332911	Industrial valve mfg .....	2000.. 102 057	1 491 902	84 316	—	17 741	2	5	
		1999.. 100 595	1 431 526	84 213	—	16 382	2	4	
		1998.. 101 924	1 412 856	85 446	D	16 478	2	4	
		1997.. 94 270	1 316 203	77 238	D	17 032	X	X	
332912	Fluid power valve & hose fitting mfg .....	2000.. 48 095	708 839	42 040	—	6 055	2	8	
		1999.. 48 594	747 840	42 432	—	6 162	2	8	
		1998.. 50 890	840 596	44 868	—	6 022	1	6	
		1997.. 52 117	795 687	44 862	—	7 255	X	X	
332913	Plumbing fixture fitting & trim mfg .....	2000.. 25 608	336 792	19 066	313	6 542	3	8	
		1999.. 24 369	336 803	18 292	D	6 078	4	7	
		1998.. 27 450	308 168	18 888	D	8 562	3	10	
		1997.. 26 906	291 081	18 895	D	8 011	X	X	
332919	Other metal valve & pipe fitting mfg .....	2000.. 44 633	655 838	34 097	—	10 536	2	4	
		1999.. 41 520	617 737	31 988	—	9 532	2	4	
		1998.. 49 347	667 514	37 029	S	12 318	4	6	
		1997.. 48 284	662 415	36 087	—	12 197	X	X	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
332	Fabricated metal product mfg—Con.								
3329	Other fabricated metal product mfg—Con.								
33299	All other fabricated metal product mfg .....	2000.. 491 011	6 214 453	341 234	D	149 778	1	2	
		1999.. 467 947	6 285 572	336 425	D	131 522	1	2	
		1998.. 476 290	6 105 569	338 921	D	137 369	1	1	
		1997.. 469 409	6 010 103	327 568	D	141 841	X	X	
332991	Ball & roller bearing mfg .....	2000.. 131 506	1 892 429	95 371	—	36 135	2	1	
		1999.. 125 923	1 973 058	96 337	—	29 587	1	1	
		1998.. 130 879	1 912 171	94 944	—	35 935	1	1	
		1997.. 130 391	1 856 456	91 464	—	38 927	X	X	
332992	Small arms ammunition mfg .....	2000.. 14 258	197 796	8 172	—	6 085	2	1	
		1999.. 15 832	239 255	10 294	—	5 538	2	1	
		1998.. 14 393	219 986	9 330	S	5 063	1	1	
		1997.. 17 089	230 706	10 014	—	7 075	X	X	
332993	Ammunition (except small arms) mfg .....	2000.. 23 120	222 235	14 167	D	8 953	6	10	
		1999.. 20 673	224 492	12 836	D	7 837	5	9	
		1998.. 20 625	240 687	14 590	S	6 035	1	1	
		1997.. 20 994	234 065	14 195	—	6 799	X	X	
332994	Small arms mfg .....	2000.. 19 961	196 488	16 059	—	3 902	3	4	
		1999.. 18 118	186 935	14 298	—	3 820	2	2	
		1998.. 19 696	194 463	15 376	—	4 320	1	1	
		1997.. 18 917	201 297	15 092	—	3 825	X	X	
332995	Other ordnance & accessories mfg .....	2000.. 14 410	197 455	9 808	—	4 601	2	3	
		1999.. 13 295	219 608	9 550	—	3 745	2	3	
		1998.. 16 889	250 099	12 538	—	4 350	1	1	
		1997.. 16 966	233 615	11 542	—	5 424	X	X	
332996	Fabricated pipe & pipe fitting mfg .....	2000.. 58 534	645 018	39 475	—	19 058	3	5	
		1999.. 52 213	587 026	35 796	—	16 416	3	5	
		1998.. 55 861	595 676	35 995	S	19 866	2	8	
		1997.. 53 362	586 445	36 556	—	16 806	X	X	
332997	Industrial pattern mfg .....	2000.. 10 119	111 787	7 346	—	2 773	3	6	
		1999.. 9 645	105 993	6 958	—	2 687	3	6	
		1998.. 9 287	98 407	6 376	S	2 912	5	8	
		1997.. 9 817	103 762	6 516	—	3 301	X	X	
332998	Enameled iron & metal sanitary ware mfg .....	2000.. 40 303	516 118	25 447	—	14 856	1	2	
		1999.. 35 377	516 755	24 274	—	11 104	2	2	
		1998.. 37 087	488 467	24 655	—	12 432	1	1	
		1997.. 35 704	466 559	23 414	—	12 290	X	X	
332999	All other miscellaneous fabricated metal product mfg .....	2000.. 178 801	2 235 126	125 388	—	53 413	3	4	
		1999.. 176 871	2 232 452	126 081	—	50 790	2	3	
		1998.. 171 574	2 105 613	125 117	D	46 457	3	1	
		1997.. 166 169	2 097 198	118 775	D	47 394	X	X	
333	Machinery mfg .....	2000.. 2 216 849	27 837 847	1 624 852	98 907	591 997	1	1	
		1999.. 2 056 292	26 610 765	1 543 092	77 657	513 200	1	1	
		1998.. 2 057 735	27 190 416	1 567 795	4 217	489 940	1	1	
		1997.. 2 065 009	26 947 941	1 553 817	22 787	511 192	X	X	
3331	Agriculture, construction, & mining machinery mfg ..	2000.. 349 972	4 600 697	231 705	—	118 267	2	2	
		1999.. 313 024	4 314 419	219 329	D	93 695	2	2	
		1998.. 355 023	4 986 156	243 212	15 943	111 811	1	2	
		1997.. 349 641	4 986 795	238 656	11 864	110 785	X	X	
33311	Agricultural implement mfg .....	2000.. 141 080	1 777 022	88 472	D	52 608	3	4	
		1999.. 118 452	1 509 716	77 086	D	41 367	2	4	
		1998.. 142 989	2 001 771	93 824	S	49 165	1	2	
		1997.. 142 066	1 989 948	90 270	11 864	51 796	X	X	
333111	Farm machinery & equipment mfg .....	2000.. 104 421	1 271 067	61 871	D	42 549	4	5	
		1999.. 87 932	1 082 154	55 102	D	32 830	2	4	
		1998.. 105 246	1 483 721	67 334	S	37 912	1	2	
		1997.. 107 744	1 487 749	66 786	11 864	40 958	X	X	
333112	Lawn & garden tractor & home lawn & garden equipment mfg .....	2000.. 36 659	505 955	26 601	—	10 058	2	4	
		1999.. 30 520	427 563	21 984	—	8 536	1	2	
		1998.. 37 743	518 051	26 490	—	11 253	2	4	
		1997.. 34 322	502 199	23 484	—	10 838	X	X	
33312	Construction machinery mfg .....	2000.. 136 011	1 853 249	88 790	D	47 220	3	3	
		1999.. 118 411	1 721 717	82 105	D	36 307	3	3	
		1998.. 135 411	1 881 320	89 297	25 959	46 114	2	5	
		1997.. 137 627	1 989 137	93 953	—	43 674	X	X	
333120	Construction machinery mfg .....	2000.. 136 011	1 853 249	88 790	D	47 220	3	3	
		1999.. 118 411	1 721 717	82 105	D	36 307	3	3	
		1998.. 135 411	1 881 320	89 297	25 959	46 114	2	5	
		1997.. 137 627	1 989 137	93 953	—	43 674	X	X	
33313	Mining & oil & gas field machinery mfg .....	2000.. 72 881	970 427	54 442	—	18 439	4	6	
		1999.. 76 160	1 082 986	60 138	—	16 022	7	9	
		1998.. 76 624	1 103 065	60 091	—	16 532	2	1	
		1997.. 69 948	1 007 710	54 633	—	15 315	X	X	
333131	Mining machinery & equipment mfg .....	2000.. 19 401	235 194	13 332	—	6 070	5	6	
		1999.. 19 895	239 893	14 179	—	5 717	3	5	
		1998.. 26 263	334 585	18 506	—	7 757	5	2	
		1997.. 23 134	277 833	16 217	—	6 917	X	X	
333132	Oil & gas field machinery & equipment mfg .....	2000.. 53 479	735 233	41 110	—	12 370	5	8	
		1999.. 56 265	843 093	45 959	—	10 305	9	14	
		1998.. 50 361	768 480	41 585	—	8 775	1	1	
		1997.. 46 814	729 877	38 416	—	8 398	X	X	

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
			A	B	C	D		E	C
333	Machinery mfg—Con.								
3332	Industrial machinery mfg	272 260	3 208 776	217 176	958	55 084	3	6	
	1999..	248 877	2 892 316	201 076	143	47 801	2	6	
	1998..	242 732	2 865 081	191 221	S	51 510	1	4	
	1997..	257 618	2 989 608	199 294	S	58 324	X	X	
33321	Sawmill & woodworking machinery mfg	10 979	137 099	7 980	—	2 998	3	8	
	1999..	10 516	135 250	7 357	—	3 159	3	7	
	1998..	9 107	129 382	7 301	—	1 806	4	22	
	1997..	10 052	135 103	7 224	—	2 828	X	X	
333210	Sawmill & woodworking machinery mfg	10 979	137 099	7 980	—	2 998	3	8	
	1999..	10 516	135 250	7 357	—	3 159	3	7	
	1998..	9 107	129 382	7 301	—	1 806	4	22	
	1997..	10 052	135 103	7 224	—	2 828	X	X	
33322	Plastics & rubber industry machinery mfg	23 018	287 172	19 208	—	3 809	13	69	
	1999..	22 250	268 620	19 034	—	3 216	6	81	
	1998..	23 464	249 132	16 252	—	7 212	5	4	
	1997..	23 257	238 486	15 703	—	7 554	X	X	
333220	Plastics & rubber industry machinery mfg	23 018	287 172	19 208	—	3 809	13	69	
	1999..	22 250	268 620	19 034	—	3 216	6	81	
	1998..	23 464	249 132	16 252	—	7 212	5	4	
	1997..	23 257	238 486	15 703	—	7 554	X	X	
33329	Other industrial machinery mfg	238 264	2 784 505	189 987	958	48 276	3	4	
	1999..	216 111	2 488 447	174 685	143	41 426	3	4	
	1998..	210 161	2 486 567	167 669	S	42 493	1	5	
	1997..	224 309	2 616 019	176 367	S	47 942	X	X	
333291	Paper industry machinery mfg	21 781	262 113	16 317	—	5 463	5	5	
	1999..	22 688	255 104	17 004	—	5 684	3	4	
	1998..	21 796	247 199	16 217	—	5 579	3	6	
	1997..	21 566	239 645	16 146	—	5 420	X	X	
333292	Textile machinery mfg	15 141	194 209	11 825	—	3 316	5	22	
	1999..	13 638	171 632	10 774	—	2 864	5	20	
	1998..	15 707	211 431	12 470	—	3 237	5	20	
	1997..	16 679	223 083	13 080	—	3 599	X	X	
333293	Printing machinery & equipment mfg	28 779	336 663	22 045	—	6 735	3	9	
	1999..	25 742	310 529	20 511	—	5 231	3	10	
	1998..	26 983	356 426	21 739	—	5 244	4	3	
	1997..	30 142	389 186	23 972	S	6 170	X	X	
333294	Food product machinery mfg	17 571	208 222	13 084	—	4 487	7	10	
	1999..	17 630	207 176	13 020	—	4 610	7	9	
	1998..	18 323	227 016	13 618	—	4 705	3	9	
	1997..	18 087	219 896	13 292	—	4 795	X	X	
333295	Semiconductor machinery mfg	77 087	919 086	66 733	D	10 354	3	7	
	1999..	62 756	718 296	55 302	D	7 454	1	7	
	1998..	64 285	721 766	54 065	D	10 220	3	12	
	1997..	73 584	794 118	62 092	D	11 492	X	X	
333298	All other industrial machinery mfg	77 904	864 212	59 983	D	17 921	10	7	
	1999..	73 658	825 709	58 074	D	15 584	8	7	
	1998..	63 068	722 729	49 561	D	13 507	2	10	
	1997..	64 251	750 091	47 785	D	16 466	X	X	
3333	Commercial & service industry machinery mfg	189 045	1 893 418	124 325	77	64 720	3	3	
	1999..	181 090	1 927 304	122 830	80	58 259	2	2	
	1998..	170 445	2 110 070	134 748	S	35 697	1	1	
	1997..	174 230	2 097 340	136 952	S	37 278	X	X	
33331	Commercial & service industry machinery mfg	189 045	1 893 418	124 325	77	64 720	3	3	
	1999..	181 090	1 927 304	122 830	80	58 259	2	2	
	1998..	170 445	2 110 070	134 748	S	35 697	1	1	
	1997..	174 230	2 097 340	136 952	S	37 278	X	X	
333311	Automatic vending machine mfg	7 886	98 383	6 195	—	1 691	18	14	
	1999..	7 853	113 106	6 226	—	1 627	18	15	
	1998..	8 820	121 920	6 824	S	1 996	1	1	
	1997..	8 732	117 424	6 676	S	2 056	X	X	
333312	Commercial laundry, drycleaning, & pressing machine mfg	4 508	51 307	3 374	—	1 133	5	10	
	1999..	4 353	55 978	3 396	—	957	5	12	
	1998..	4 607	65 660	3 362	—	1 245	1	1	
	1997..	4 780	65 238	3 454	—	1 326	X	X	
333313	Office machinery mfg	16 343	169 901	13 238	—	3 105	6	7	
	1999..	16 638	180 003	13 132	—	3 507	5	5	
	1998..	17 362	204 140	13 494	—	3 868	1	2	
	1997..	18 351	209 022	14 443	—	3 908	X	X	
333314	Optical instrument & lens mfg	32 021	392 136	28 883	20	3 138	11	22	
	1999..	29 213	396 435	24 817	30	4 396	6	15	
	1998..	34 393	434 697	28 806	S	5 587	2	2	
	1997..	34 646	440 358	28 406	S	6 240	X	X	
333315	Photographic & photocopying equipment mfg	35 079	470 312	27 982	—	7 097	3	12	
	1999..	39 243	494 720	31 394	—	7 849	2	11	
	1998..	46 330	561 149	36 379	—	9 951	1	1	
	1997..	47 739	540 609	38 259	S	9 480	X	X	
333319	Other commercial & service industry machinery mfg	93 209	711 379	44 652	57	48 557	2	3	
	1999..	83 789	687 061	43 865	50	39 924	2	2	
	1998..	58 934	722 505	45 882	S	13 051	1	2	
	1997..	59 982	724 689	45 714	—	14 268	X	X	

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**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
333	Machinery mfg—Con.							
3334	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 247 965	3 224 842	180 431	3 890	67 534	2	3
		1999.. 228 613	3 089 503	171 268	1 719	57 345	2	4
		1998.. 230 626	3 234 148	174 003	—	56 623	4	2
		1997.. 223 312	3 049 838	165 490	—	57 822	X	X
33341	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 247 965	3 224 842	180 431	3 890	67 534	2	3
		1999.. 228 613	3 089 503	171 268	1 719	57 345	2	4
		1998.. 230 626	3 234 148	174 003	—	56 623	4	2
		1997.. 223 312	3 049 838	165 490	—	57 822	X	X
333411	Air purification equipment mfg .....	2000.. 20 697	235 020	14 321	—	6 375	3	6
		1999.. 19 846	238 539	14 718	—	5 129	4	11
		1998.. 29 269	480 100	23 432	—	5 837	31	7
		1997.. 21 983	305 530	16 487	—	5 496	X	X
333412	Industrial & commercial fan & blower mfg .....	2000.. 16 454	173 694	10 995	—	5 459	4	9
		1999.. 14 553	171 414	10 253	—	4 300	4	11
		1998.. 16 415	184 460	10 887	—	5 528	9	17
		1997.. 20 035	277 752	15 499	—	4 536	X	X
333414	Heating equipment (except warm air furnaces) mfg .....	2000.. 37 684	391 606	24 679	—	13 005	4	4
		1999.. 34 374	364 450	22 552	—	11 822	3	4
		1998.. 31 392	337 076	21 109	—	10 284	4	3
		1997.. 33 246	343 534	21 454	—	11 792	X	X
333415	AC & warm air heating & commercial/industrial refrig equip mfg .....	2000.. 173 131	2 424 521	130 436	3 890	42 695	2	5
		1999.. 159 840	2 315 100	123 746	1 719	36 094	3	6
		1998.. 153 549	2 232 512	118 575	—	34 974	1	1
		1997.. 148 048	2 123 022	112 050	—	35 998	X	X
3335	Metalworking machinery mfg .....	2000.. 351 960	4 365 164	279 831	D	72 128	2	3
		1999.. 343 775	4 179 004	271 253	D	72 522	2	4
		1998.. 331 070	3 929 868	261 933	2 535	69 137	3	2
		1997.. 333 894	3 997 812	265 370	905	68 524	X	X
33351	Metalworking machinery mfg .....	2000.. 351 960	4 365 164	279 831	D	72 128	2	3
		1999.. 343 775	4 179 004	271 253	D	72 522	2	4
		1998.. 331 070	3 929 868	261 933	2 535	69 137	3	2
		1997.. 333 894	3 997 812	265 370	905	68 524	X	X
333511	Industrial mold mfg .....	2000.. 79 125	949 127	60 929	—	18 196	4	8
		1999.. 78 135	898 429	59 275	—	18 860	6	11
		1998.. 64 935	699 349	50 414	—	14 521	9	3
		1997.. 65 831	747 274	51 515	—	14 316	X	X
333512	Machine tool (metal cutting types) mfg .....	2000.. 39 795	479 443	32 099	—	7 696	7	9
		1999.. 37 667	479 584	30 021	—	7 646	5	9
		1998.. 37 069	465 016	29 458	—	7 611	4	5
		1997.. 42 676	510 674	34 069	—	8 607	X	X
333513	Machine tool (metal forming types) mfg .....	2000.. 16 311	215 075	13 008	—	3 303	7	24
		1999.. 16 059	213 645	12 869	—	3 190	7	23
		1998.. 18 754	232 898	14 027	—	4 727	2	1
		1997.. 18 205	217 588	13 289	—	4 916	X	X
333514	Special die & tool, die set, jig, & fixture mfg .....	2000.. 101 499	1 168 642	80 459	—	21 040	3	6
		1999.. 99 757	1 129 820	78 045	—	21 712	3	7
		1998.. 103 976	1 174 879	80 100	—	23 875	2	3
		1997.. 98 415	1 130 107	76 695	—	21 720	X	X
333515	Cutting tool & machine tool accessory mfg .....	2000.. 84 584	1 215 675	70 750	—	13 834	3	5
		1999.. 81 511	1 129 372	68 007	—	13 505	2	5
		1998.. 78 290	1 046 180	65 743	D	12 548	8	6
		1997.. 78 900	1 053 351	66 941	—	11 959	X	X
333516	Rolling mill machinery & equipment mfg .....	2000.. 8 644	93 661	5 850	—	2 794	12	21
		1999.. 7 369	77 958	5 081	—	2 288	5	23
		1998.. 8 237	90 121	6 182	—	2 055	5	4
		1997.. 9 993	123 163	7 299	—	2 694	X	X
333518	Other metalworking machinery mfg .....	2000.. 22 001	243 542	16 736	D	5 265	4	7
		1999.. 23 276	250 197	17 954	D	5 322	3	5
		1998.. 19 808	221 426	16 009	D	3 799	3	9
		1997.. 19 874	215 655	15 562	D	4 312	X	X
3336	Engine, turbine, & power transmission equipment mfg .....	2000.. 269 304	3 797 210	196 952	D	72 352	2	5
		1999.. 263 056	3 973 429	192 556	D	70 500	1	4
		1998.. 255 599	3 914 864	193 814	25 248	61 785	1	3
		1997.. 248 106	3 760 547	187 846	19 766	60 260	X	X
33361	Engine, turbine, & power transmission equipment mfg .....	2000.. 269 304	3 797 210	196 952	D	72 352	2	5
		1999.. 263 056	3 973 429	192 556	D	70 500	1	4
		1998.. 255 599	3 914 864	193 814	25 248	61 785	1	3
		1997.. 248 106	3 760 547	187 846	19 766	60 260	X	X
333611	Turbine & turbine generator set unit mfg .....	2000.. 47 481	459 156	33 533	D	13 948	4	1
		1999.. 48 004	551 052	34 511	D	13 494	3	1
		1998.. 44 755	617 399	35 846	14 290	8 909	1	7
		1997.. 41 002	586 515	32 981	9 868	8 021	X	X
333612	Speed changer, industrial high-speed drive, & gear mfg .....	2000.. 32 766	397 926	20 849	—	11 917	8	5
		1999.. 33 322	403 961	21 751	—	11 571	6	6
		1998.. 33 166	379 377	22 264	—	10 901	2	16
		1997.. 28 117	374 201	20 776	—	7 341	X	X
333613	Mechanical power transmission equipment mfg .....	2000.. 46 174	598 481	34 936	—	11 237	4	13
		1999.. 44 866	584 710	34 978	—	9 888	4	14
		1998.. 43 800	585 853	34 502	—	9 298	1	3
		1997.. 44 106	611 500	34 402	—	9 704	X	X

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			Purchased		Generated less sold (1,000 kWh)	C		E	
			Quantity (1,000 kWh)	Cost (\$1,000)					C
		A	B	C	D	E	C	E	
333	Machinery mfg—Con.								
3336	Engine, turbine, & power transmission equipment mfg—Con.								
33361	Engine, turbine, & power transmission equipment mfg—Con.								
333618	Other engine equipment mfg .....	2000.. 142 883	2 341 648	107 635	26 471	35 249	3	8	
		1999.. 136 864	2 433 705	101 316	13 557	35 548	2	5	
		1998.. 133 878	2 332 235	101 202	10 958	32 677	2	2	
		1997.. 134 881	2 188 331	99 687	9 898	35 194	X	X	
3339	Other general-purpose machinery mfg .....	2000.. 536 343	6 747 739	394 432	9 517	141 911	1	2	
		1999.. 477 857	6 234 791	364 781	9 112	113 077	1	2	
		1998.. 472 241	6 150 229	368 863	S	103 377	1	5	
		1997.. 478 208	6 066 001	360 009	121	118 199	X	X	
33391	Pump & compressor mfg .....	2000.. 102 733	1 321 561	80 551	—	22 181	3	4	
		1999.. 94 635	1 252 296	76 659	—	17 976	2	3	
		1998.. 106 047	1 399 370	83 878	S	22 169	2	1	
		1997.. 106 123	1 394 017	82 967	121	23 156	X	X	
333911	Pump & pumping equipment mfg .....	2000.. 55 424	738 589	44 478	—	10 946	3	8	
		1999.. 52 185	706 576	43 718	—	8 467	2	6	
		1998.. 61 013	827 341	49 920	S	11 092	3	2	
		1997.. 60 558	803 639	48 726	121	11 832	X	X	
333912	Air & gas compressor mfg .....	2000.. 41 284	503 264	31 429	—	9 855	7	3	
		1999.. 36 628	463 565	28 468	—	8 160	3	4	
		1998.. 38 154	481 054	29 035	—	9 119	1	1	
		1997.. 39 380	493 350	29 263	—	10 117	X	X	
333913	Measuring & dispensing pump mfg .....	2000.. 6 024	79 708	4 644	—	1 380	2	2	
		1999.. 5 822	82 155	4 473	—	1 349	2	7	
		1998.. 6 881	90 975	4 923	—	1 958	2	9	
		1997.. 6 185	97 028	4 978	—	1 207	X	X	
33392	Material handling equipment mfg .....	2000.. 142 971	1 683 618	91 943	—	51 028	1	2	
		1999.. 107 831	1 339 975	73 878	—	33 953	2	3	
		1998.. 98 827	1 293 879	74 884	—	23 943	4	19	
		1997.. 101 491	1 243 659	69 963	—	31 528	X	X	
333921	Elevator & moving stairway mfg .....	2000.. 12 998	143 054	8 871	—	4 127	5	11	
		1999.. 11 320	132 084	7 922	—	3 399	5	14	
		1998.. 9 312	124 908	6 543	—	2 769	25	20	
		1997.. 11 134	136 932	7 761	—	3 373	X	X	
333922	Conveyor & conveying equipment mfg .....	2000.. 39 621	488 624	27 392	—	12 229	3	4	
		1999.. 39 725	517 674	27 492	—	12 232	3	5	
		1998.. 35 700	432 150	26 921	—	8 779	2	33	
		1997.. 38 862	437 446	25 594	—	13 268	X	X	
333923	Overhead traveling crane, hoist, & monorail system mfg .....	2000.. 26 958	285 619	16 785	—	10 172	4	5	
		1999.. 25 039	288 338	16 456	—	8 584	3	5	
		1998.. 21 131	283 399	17 346	—	3 786	16	92	
		1997.. 21 116	250 511	14 399	—	6 717	X	X	
333924	Industrial truck, tractor, trailer, & stacker machinery mfg .....	2000.. 63 394	766 321	38 894	—	24 500	2	2	
		1999.. 31 746	401 879	22 008	—	9 739	3	3	
		1998.. 32 683	453 422	24 073	—	8 610	1	3	
		1997.. 30 379	418 770	22 209	—	8 170	X	X	
33399	All other general-purpose machinery mfg .....	2000.. 290 640	3 742 560	221 938	9 517	68 702	2	4	
		1999.. 275 392	3 642 520	214 245	9 112	61 147	2	4	
		1998.. 267 367	3 456 979	210 102	S	57 265	1	2	
		1997.. 270 594	3 428 325	207 079	—	63 515	X	X	
333991	Power-driven handtool mfg .....	2000.. 24 646	387 324	20 494	—	4 152	2	6	
		1999.. 21 649	359 373	18 264	—	3 385	2	8	
		1998.. 25 164	398 849	21 256	—	3 909	1	1	
		1997.. 23 647	365 119	19 899	—	3 748	X	X	
333992	Welding & soldering equipment mfg .....	2000.. 48 038	559 858	35 957	—	12 082	6	11	
		1999.. 40 444	479 205	29 588	—	10 856	6	11	
		1998.. 42 377	494 453	30 883	—	11 494	2	1	
		1997.. 44 615	503 224	31 654	—	12 961	X	X	
333993	Packaging machinery mfg .....	2000.. 30 436	358 506	23 150	D	7 286	8	12	
		1999.. 29 233	356 604	22 643	—	6 590	4	4	
		1998.. 27 817	332 078	21 491	—	6 326	3	10	
		1997.. 27 967	328 763	21 035	—	6 932	X	X	
333994	Industrial process furnace & oven mfg .....	2000.. 25 519	260 650	16 786	D	8 733	5	11	
		1999.. 31 512	351 926	21 274	D	10 238	3	10	
		1998.. 22 130	228 983	15 781	3 800	6 350	3	4	
		1997.. 22 367	226 393	15 935	—	6 432	X	X	
333995	Fluid power cylinder & actuator mfg .....	2000.. 41 526	551 425	31 664	—	9 862	3	6	
		1999.. 38 780	559 899	31 453	—	7 327	2	4	
		1998.. 35 523	513 118	29 506	—	6 017	2	5	
		1997.. 39 275	508 444	29 677	—	9 598	X	X	
333996	Fluid power pump & motor mfg .....	2000.. 31 029	525 533	27 524	—	3 506	4	4	
		1999.. 29 320	482 585	26 186	—	3 134	4	5	
		1998.. 29 417	485 157	26 393	S	3 024	1	1	
		1997.. 28 578	460 444	25 206	—	3 372	X	X	
333997	Scale & balance (except laboratory) mfg .....	2000.. 5 264	72 729	3 713	—	1 551	9	17	
		1999.. 5 033	73 032	3 629	—	1 403	9	17	
		1998.. 4 462	57 467	3 506	—	955	3	11	
		1997.. 4 264	58 049	3 405	—	859	X	X	
333999	All other miscellaneous general-purpose machinery mfg .....	2000.. 84 182	1 026 535	62 650	D	21 532	3	8	
		1999.. 79 422	979 895	61 208	D	18 214	4	8	
		1998.. 80 477	946 873	61 286	S	19 191	2	5	
		1997.. 79 881	977 889	60 268	—	19 613	X	X	

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
			A	B				
334	Computer & electronic product mfg . . . . .	2000.. 2 815 731	38 921 181	2 333 911	-21 413	481 819	1	4
		1999.. 2 551 193	36 209 403	2 170 172	-32 586	381 021	1	3
		1998.. 2 616 486	37 502 721	2 244 720	S	371 766	1	1
		1997.. 2 636 066	37 807 312	2 223 687	S	412 379	X	X
3341	Computer & peripheral equipment mfg . . . . .	2000.. 297 369	4 278 026	240 548	D	56 821	1	1
		1999.. 265 425	3 799 674	228 922	D	36 502	1	1
		1998.. 332 819	5 262 412	291 305	10 528	41 514	1	1
		1997.. 317 420	4 516 980	256 304	2 105	61 116	X	X
33411	Computer & peripheral equipment mfg . . . . .	2000.. 297 369	4 278 026	240 548	D	56 821	1	1
		1999.. 265 425	3 799 674	228 922	D	36 502	1	1
		1998.. 332 819	5 262 412	291 305	10 528	41 514	1	1
		1997.. 317 420	4 516 980	256 304	2 105	61 116	X	X
334111	Electronic computer mfg . . . . .	2000.. 88 469	1 274 801	78 473	D	9 997	1	1
		1999.. 86 696	955 370	76 945	D	9 751	1	1
		1998.. 105 686	1 404 078	94 642	D	11 044	1	1
		1997.. 108 390	1 694 184	96 724	-	11 666	X	X
334112	Computer storage device mfg . . . . .	2000.. 62 707	1 147 430	55 466	D	7 241	3	2
		1999.. 61 308	1 221 651	57 067	D	4 241	1	3
		1998.. 94 938	1 797 187	89 436	D	5 502	1	3
		1997.. 81 658	993 084	57 223	D	24 435	X	X
334113	Computer terminal mfg . . . . .	2000.. 4 376	54 712	3 767	-	609	13	4
		1999.. 6 020	91 983	5 366	-	654	25	3
		1998.. 6 869	96 528	6 415	-	454	2	3
		1997.. 8 679	110 089	8 055	-	624	X	X
334119	Other computer peripheral equipment mfg . . . . .	2000.. 141 817	1 801 082	102 843	D	38 974	2	1
		1999.. 111 401	1 530 670	89 545	D	21 856	3	2
		1998.. 125 327	1 964 620	100 812	S	24 514	3	1
		1997.. 118 693	1 719 623	94 302	-	24 391	X	X
3342	Communications equipment mfg . . . . .	2000.. 346 598	4 702 181	309 127	D	37 471	3	5
		1999.. 295 913	4 058 667	266 969	D	28 944	1	4
		1998.. 293 899	4 086 487	259 251	S	34 648	1	1
		1997.. 312 676	4 298 978	273 548	-	39 128	X	X
33421	Telephone apparatus mfg . . . . .	2000.. 132 644	1 842 333	118 356	-	14 289	3	3
		1999.. 115 461	1 593 891	104 361	-	11 099	2	3
		1998.. 108 253	1 449 149	94 874	101	13 379	1	1
		1997.. 105 469	1 417 119	89 364	-	16 105	X	X
334210	Telephone apparatus mfg . . . . .	2000.. 132 644	1 842 333	118 356	-	14 289	3	3
		1999.. 115 461	1 593 891	104 361	-	11 099	2	3
		1998.. 108 253	1 449 149	94 874	101	13 379	1	1
		1997.. 105 469	1 417 119	89 364	-	16 105	X	X
33422	Radio & TV broadcasting & wireless communications equipment mfg . . . . .	2000.. 191 832	2 620 997	172 832	D	19 000	5	9
		1999.. 159 347	2 224 304	145 434	D	13 913	1	8
		1998.. 165 294	2 404 006	147 683	S	17 611	1	1
		1997.. 186 427	2 638 413	167 460	-	18 967	X	X
334220	Radio & TV broadcasting & wireless communications equipment mfg . . . . .	2000.. 191 832	2 620 997	172 832	D	19 000	5	9
		1999.. 159 347	2 224 304	145 434	D	13 913	1	8
		1998.. 165 294	2 404 006	147 683	S	17 611	1	1
		1997.. 186 427	2 638 413	167 460	-	18 967	X	X
33429	Other communications equipment mfg . . . . .	2000.. 22 122	238 851	17 939	D	4 183	4	7
		1999.. 21 105	240 472	17 173	D	3 932	3	4
		1998.. 20 352	233 332	16 694	226	3 658	2	5
		1997.. 20 780	243 446	16 724	-	4 056	X	X
334290	Other communications equipment mfg . . . . .	2000.. 22 122	238 851	17 939	D	4 183	4	7
		1999.. 21 105	240 472	17 173	D	3 932	3	4
		1998.. 20 352	233 332	16 694	226	3 658	2	5
		1997.. 20 780	243 446	16 724	-	4 056	X	X
3343	Audio & video equipment mfg . . . . .	2000.. 32 213	567 188	26 348	-	5 864	7	7
		1999.. 28 730	510 127	24 205	-	4 525	8	10
		1998.. 41 819	692 505	35 709	-	6 110	15	3
		1997.. 33 889	527 556	27 193	-	6 696	X	X
33431	Audio & video equipment mfg . . . . .	2000.. 32 213	567 188	26 348	-	5 864	7	7
		1999.. 28 730	510 127	24 205	-	4 525	8	10
		1998.. 41 819	692 505	35 709	-	6 110	15	3
		1997.. 33 889	527 556	27 193	-	6 696	X	X
334310	Audio & video equipment mfg . . . . .	2000.. 32 213	567 188	26 348	-	5 864	7	7
		1999.. 28 730	510 127	24 205	-	4 525	8	10
		1998.. 41 819	692 505	35 709	-	6 110	15	3
		1997.. 33 889	527 556	27 193	-	6 696	X	X
3344	Semiconductor & other electronic component mfg . . . . .	2000.. 1 477 428	20 664 067	1 197 306	-	280 122	2	6
		1999.. 1 291 844	18 769 191	1 070 243	-	221 601	1	5
		1998.. 1 259 401	18 198 139	1 063 843	-	195 558	1	2
		1997.. 1 264 321	19 131 105	1 066 116	-	198 205	X	X
33441	Semiconductor & other electronic component mfg . . . . .	2000.. 1 477 428	20 664 067	1 197 306	-	280 122	2	6
		1999.. 1 291 844	18 769 191	1 070 243	-	221 601	1	5
		1998.. 1 259 401	18 198 139	1 063 843	-	195 558	1	2
		1997.. 1 264 321	19 131 105	1 066 116	-	198 205	X	X
334411	Electron tube mfg . . . . .	2000.. 69 706	1 006 270	50 741	-	18 965	8	2
		1999.. 64 439	1 054 153	49 688	-	14 751	7	3
		1998.. 69 204	1 047 467	52 997	-	16 207	1	1
		1997.. 71 188	1 205 054	55 001	-	16 187	X	X
334412	Bare printed circuit board mfg . . . . .	2000.. 181 455	2 283 073	152 865	-	28 590	3	7
		1999.. 160 718	2 068 513	137 702	-	23 016	3	7
		1998.. 162 654	2 137 881	140 321	-	22 334	1	3
		1997.. 149 567	1 888 218	127 002	-	22 565	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
334	Computer & electronic product mfg—Con.								
3344	Semiconductor & other electronic component mfg—Con.								
33441	Semiconductor & other electronic component mfg—Con.								
334413	Semiconductor & related device mfg . . . . .	2000.. 808 393	12 147 608	652 234	—	156 158	1	9	
		1999.. 726 331	11 333 252	599 267	—	127 064	1	7	
		1998.. 688 883	10 665 866	594 384	—	94 499	1	3	
		1997.. 694 979	11 298 692	589 885	—	105 094	X	X	
334414	Electronic capacitor mfg . . . . .	2000.. 33 575	596 961	28 738	—	4 837	6	4	
		1999.. 29 639	493 781	25 461	—	4 178	4	2	
		1998.. 30 016	509 377	26 759	—	3 257	2	4	
		1997.. 32 856	556 347	28 408	—	4 448	X	X	
334415	Electronic resistor mfg . . . . .	2000.. 13 455	207 296	11 927	—	1 528	3	14	
		1999.. 12 867	209 994	11 527	—	1 341	3	12	
		1998.. 14 058	225 283	12 590	—	1 468	2	7	
		1997.. 15 620	225 906	13 848	—	1 772	X	X	
334416	Electronic coil, transformer, & other inductor mfg . . . . .	2000.. 18 755	213 145	15 204	—	3 552	20	6	
		1999.. 16 173	185 040	12 196	—	3 978	5	6	
		1998.. 13 336	148 527	10 263	—	3 073	3	6	
		1997.. 14 470	165 988	11 065	—	3 405	X	X	
334417	Electronic connector mfg . . . . .	2000.. 60 242	657 194	46 772	—	13 471	7	23	
		1999.. 48 326	597 312	41 500	—	6 826	5	27	
		1998.. 49 847	671 439	44 349	—	5 497	2	12	
		1997.. 52 943	674 694	44 893	—	8 050	X	X	
334418	Printed circuit assembly (electronic assembly) mfg . . . . .	2000.. 160 617	1 930 879	132 869	—	27 747	5	25	
		1999.. 137 069	1 698 849	118 369	—	18 700	4	28	
		1998.. 140 778	1 642 170	109 626	—	31 152	1	9	
		1997.. 145 204	2 011 450	123 915	—	21 289	X	X	
334419	Other electronic component mfg . . . . .	2000.. 131 230	1 621 641	105 956	—	25 274	11	19	
		1999.. 96 281	1 128 296	74 534	—	21 747	6	19	
		1998.. 90 625	1 150 148	72 554	—	18 071	1	9	
		1997.. 87 494	1 104 756	72 099	—	15 395	X	X	
3345	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 553 114	7 192 233	468 751	22 185	84 363	1	3	
		1999.. 555 378	7 473 869	480 603	22 452	74 775	1	3	
		1998.. 561 778	7 500 509	486 744	S	75 033	1	2	
		1997.. 578 396	7 660 395	490 732	S	87 664	X	X	
33451	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 553 114	7 192 233	468 751	22 185	84 363	1	3	
		1999.. 555 378	7 473 869	480 603	22 452	74 775	1	3	
		1998.. 561 778	7 500 509	486 744	S	75 033	1	2	
		1997.. 578 396	7 660 395	490 732	S	87 664	X	X	
334510	Electromedical & electrotherapeutic apparatus mfg . . . . .	2000.. 41 953	576 225	37 117	D	4 836	3	7	
		1999.. 39 827	586 329	35 570	10 008	4 257	3	5	
		1998.. 45 155	613 993	39 095	S	6 060	5	1	
		1997.. 45 757	652 043	39 855	S	5 902	X	X	
334511	Search, detection, navigation, & guidance instrument mfg . . . . .	2000.. 223 846	3 023 051	194 843	D	29 003	1	3	
		1999.. 239 824	3 353 080	213 248	D	26 576	2	5	
		1998.. 241 170	3 393 551	218 962	S	22 208	1	1	
		1997.. 260 114	3 586 462	226 121	S	33 993	X	X	
334512	Automatic environmental control mfg . . . . .	2000.. 27 231	390 939	22 851	—	4 380	4	11	
		1999.. 25 654	399 398	21 805	—	3 849	6	13	
		1998.. 26 517	419 114	23 121	—	3 397	5	6	
		1997.. 25 139	386 987	21 307	—	3 832	X	X	
334513	Industrial process control instrument mfg . . . . .	2000.. 46 699	606 904	39 096	—	7 603	2	10	
		1999.. 47 589	609 377	40 277	—	7 312	2	10	
		1998.. 47 936	601 900	41 079	S	6 857	2	4	
		1997.. 45 890	588 396	38 680	S	7 210	X	X	
334514	Totalizing fluid meter & counting device mfg . . . . .	2000.. 24 682	382 376	18 961	—	5 721	10	13	
		1999.. 22 458	362 275	18 134	—	4 324	8	17	
		1998.. 23 388	350 451	18 351	S	5 037	1	10	
		1997.. 22 360	326 153	17 599	S	4 761	X	X	
334515	Electricity measuring & testing instrument mfg . . . . .	2000.. 80 135	883 228	67 822	D	12 313	2	7	
		1999.. 74 116	921 767	63 791	D	10 325	2	7	
		1998.. 76 259	922 517	63 542	S	12 717	4	12	
		1997.. 75 915	915 019	64 669	S	11 246	X	X	
334516	Analytical laboratory instrument mfg . . . . .	2000.. 35 883	430 950	29 789	—	6 094	3	17	
		1999.. 35 269	396 778	29 938	—	5 331	3	16	
		1998.. 33 829	389 763	28 831	S	4 998	2	9	
		1997.. 34 160	379 469	28 302	S	5 858	X	X	
334517	Irradiation apparatus mfg . . . . .	2000.. 14 299	225 001	12 103	—	2 197	4	11	
		1999.. 17 649	239 617	14 975	—	2 674	3	3	
		1998.. 18 995	263 763	15 960	S	3 036	2	3	
		1997.. 19 583	277 057	16 164	S	3 419	X	X	
334518	Watch, clock, & part mfg . . . . .	2000.. 10 439	154 290	9 702	—	737	20	87	
		1999.. 9 515	124 512	9 190	—	325	21	A	
		1998.. 7 827	116 855	6 489	—	1 338	3	10	
		1997.. 7 998	112 818	6 576	—	1 422	X	X	
334519	Other measuring & controlling device mfg . . . . .	2000.. 47 946	519 268	36 468	D	11 478	4	6	
		1999.. 43 474	480 736	33 674	D	9 800	3	3	
		1998.. 40 701	428 601	31 316	S	9 386	2	5	
		1997.. 41 480	435 991	31 459	S	10 021	X	X	

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
334	Computer & electronic product mfg—Con.							
3346	Mfg & reproducing magnetic & optical media.....	2000.. 109 008	1 517 486	91 831	—	17 177	3	7
		1999.. 113 904	1 597 875	99 230	—	14 675	2	7
		1998.. 126 771	1 762 669	107 868	—	18 903	2	1
		1997.. 129 364	1 672 298	109 794	—	19 570	X	X
33461	Mfg & reproducing magnetic & optical media.....	2000.. 109 008	1 517 486	91 831	—	17 177	3	7
		1999.. 113 904	1 597 875	99 230	—	14 675	2	7
		1998.. 126 771	1 762 669	107 868	—	18 903	2	1
		1997.. 129 364	1 672 298	109 794	—	19 570	X	X
334611	Software reproducing.....	2000.. 6 168	74 444	4 721	—	1 447	18	62
		1999.. 6 834	77 553	5 165	—	1 669	14	49
		1998.. 15 524	190 622	12 002	—	3 522	10	4
		1997.. 12 890	164 549	10 649	—	2 241	X	X
334612	Prerecorded CD (except software), tape, & record reproducing.....	2000.. 62 169	830 225	54 068	—	8 101	4	9
		1999.. 55 290	751 624	48 340	—	6 950	4	7
		1998.. 53 704	726 163	46 276	—	7 428	1	2
		1997.. 51 156	629 584	40 816	—	10 340	X	X
334613	Magnetic & optical recording media mfg.....	2000.. 40 671	612 817	33 041	—	7 630	5	4
		1999.. 51 790	768 698	45 725	—	6 056	3	5
		1998.. 57 542	845 884	49 590	—	7 952	4	1
		1997.. 65 318	878 165	58 329	—	6 989	X	X
335	Electrical equipment, appliance, & component mfg....	2000.. 1 135 788	16 171 758	848 958	7 183	286 830	1	1
		1999.. 1 084 370	16 033 010	838 701	15 551	245 669	1	2
		1998.. 1 114 870	16 125 340	878 103	S	236 857	1	1
		1997.. 1 161 112	16 436 990	895 980	S	265 132	X	X
3351	Electric lighting equipment mfg.....	2000.. 114 633	1 307 204	83 546	—	31 087	3	8
		1999.. 121 014	1 433 648	89 257	—	31 757	3	8
		1998.. 113 551	1 338 874	83 096	—	30 455	1	2
		1997.. 123 464	1 364 455	84 940	D	38 524	X	X
33511	Electric lamp bulb & part mfg.....	2000.. 42 831	566 567	32 911	—	9 920	5	6
		1999.. 43 439	598 854	34 233	—	9 206	4	4
		1998.. 46 491	634 570	36 249	—	10 242	1	1
		1997.. 55 090	665 556	38 239	D	16 851	X	X
335110	Electric lamp bulb & part mfg.....	2000.. 42 831	566 567	32 911	—	9 920	5	6
		1999.. 43 439	598 854	34 233	—	9 206	4	4
		1998.. 46 491	634 570	36 249	D	10 242	1	1
		1997.. 55 090	665 556	38 239	D	16 851	X	X
33512	Lighting fixture mfg.....	2000.. 71 802	740 636	50 634	—	21 168	4	12
		1999.. 77 575	834 794	55 024	—	22 551	3	11
		1998.. 67 060	704 304	46 848	S	20 213	1	4
		1997.. 68 374	698 899	46 701	S	21 673	X	X
335121	Residential electric lighting fixture mfg.....	2000.. 13 023	127 902	9 415	—	3 607	9	32
		1999.. 14 130	131 556	10 078	—	4 052	6	25
		1998.. 15 610	126 865	9 987	S	5 623	3	7
		1997.. 15 176	123 485	9 848	S	5 328	X	X
335122	Commercial/industrial/institutional electric lighting fixture mfg.....	2000.. 30 815	302 678	20 706	—	10 109	7	20
		1999.. 31 422	332 823	21 400	—	10 022	6	15
		1998.. 28 203	310 011	19 756	—	8 447	1	1
		1997.. 28 837	306 926	19 561	—	9 276	X	X
335129	Other lighting equipment mfg.....	2000.. 27 965	310 056	20 513	—	7 452	4	11
		1999.. 32 023	370 415	23 546	—	8 477	5	19
		1998.. 23 247	267 428	17 104	—	6 143	3	10
		1997.. 24 361	268 488	17 292	—	7 069	X	X
3352	Household appliance mfg.....	2000.. 156 463	2 544 874	105 844	D	50 619	1	1
		1999.. 149 023	2 509 047	106 953	D	42 070	1	4
		1998.. 159 446	2 536 064	119 126	11 927	40 320	2	2
		1997.. 160 642	2 525 947	115 131	7 150	45 511	X	X
33521	Small electrical appliance mfg.....	2000.. 38 594	593 316	30 514	—	8 080	3	7
		1999.. 37 725	570 861	29 414	—	8 311	4	20
		1998.. 50 050	728 358	41 615	—	8 434	5	4
		1997.. 48 581	659 990	39 272	—	9 309	X	X
335211	Electric housewares & household fan mfg.....	2000.. 22 308	286 387	17 146	—	5 163	5	10
		1999.. 23 517	313 491	17 369	—	6 148	6	27
		1998.. 33 677	432 759	27 985	—	5 692	8	6
		1997.. 32 170	393 094	25 820	—	6 350	X	X
335212	Household vacuum cleaner mfg.....	2000.. 16 285	306 929	13 368	—	2 917	1	1
		1999.. 14 208	257 370	12 045	—	2 163	2	1
		1998.. 16 372	295 599	13 630	—	2 742	1	1
		1997.. 16 411	266 896	13 452	—	2 959	X	X
33522	Major appliance mfg.....	2000.. 117 869	1 951 559	75 330	D	42 539	1	1
		1999.. 111 298	1 938 186	77 539	D	33 759	1	1
		1998.. 109 397	1 807 706	77 511	11 927	31 886	2	2
		1997.. 112 061	1 865 957	75 859	7 150	36 202	X	X
335221	Household cooking appliance mfg.....	2000.. 27 879	346 617	16 219	—	11 659	1	1
		1999.. 29 732	386 481	17 595	D	12 137	1	1
		1998.. 28 143	353 608	17 523	D	10 620	7	7
		1997.. 28 097	361 671	16 526	D	11 571	X	X
335222	Household refrigerator & home freezer mfg.....	2000.. 34 745	731 842	26 664	—	8 081	1	1
		1999.. 32 567	702 691	26 282	—	6 285	1	1
		1998.. 32 876	670 360	27 220	—	5 656	1	1
		1997.. 36 069	741 966	28 853	—	7 216	X	X
335224	Household laundry equipment mfg.....	2000.. 30 051	482 149	15 809	—	14 242	1	1
		1999.. 26 581	477 602	17 976	—	8 605	1	1
		1998.. 27 039	460 449	17 812	—	9 228	1	1
		1997.. 27 023	450 704	17 007	—	10 016	X	X

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D			
335	Electrical equipment, appliance, & component mfg—Con.							
3352	Household appliance mfg—Con.							
33522	Major appliance mfg—Con.							
335228	Other major household appliance mfg . . . . .	2000.. 25 194	390 951	16 637	D	8 557	7	1
		1999.. 22 418	371 412	15 687	D	6 732	3	1
		1998.. 21 338	323 289	14 956	D	6 382	1	1
		1997.. 20 872	311 616	13 473	D	7 399	X	X
3353	Electrical equipment mfg . . . . .	2000.. 253 447	3 404 949	186 279	D	67 168	4	2
		1999.. 253 866	3 523 311	193 532	D	60 334	2	2
		1998.. 269 391	3 679 554	210 036	S	59 354	1	2
		1997.. 273 374	3 721 010	211 033	S	62 341	X	X
33531	Electrical equipment mfg . . . . .	2000.. 253 447	3 404 949	186 279	D	67 168	4	2
		1999.. 253 866	3 523 311	193 532	D	60 334	2	2
		1998.. 269 391	3 679 554	210 036	S	59 354	1	2
		1997.. 273 374	3 721 010	211 033	S	62 341	X	X
335311	Power, distribution, & specialty transformer mfg . . . . .	2000.. 40 522	543 789	28 574	D	11 947	4	3
		1999.. 39 210	587 059	28 579	D	10 631	4	4
		1998.. 42 332	599 527	31 068	S	11 264	3	8
		1997.. 43 863	589 056	31 684	S	12 179	X	X
335312	Motor & generator mfg . . . . .	2000.. 96 028	1 339 591	68 823	D	27 205	2	3
		1999.. 99 522	1 429 268	73 603	D	25 919	1	3
		1998.. 105 974	1 493 883	78 475	S	27 498	3	4
		1997.. 111 958	1 601 511	82 306	S	29 652	X	X
335313	Switchgear & switchboard apparatus mfg . . . . .	2000.. 56 899	734 068	42 032	—	14 868	14	4
		1999.. 57 758	739 449	45 267	—	12 490	2	4
		1998.. 59 386	755 056	48 895	—	10 491	1	1
		1997.. 56 414	711 107	45 934	S	10 480	X	X
335314	Relay & industrial control mfg . . . . .	2000.. 59 999	787 501	46 850	—	13 149	6	5
		1999.. 57 376	767 535	46 083	—	11 294	6	6
		1998.. 61 700	831 087	51 599	—	10 101	2	3
		1997.. 61 139	819 336	51 109	S	10 030	X	X
3359	Other electrical equipment & component mfg . . . . .	2000.. 611 245	8 914 732	473 290	5 417	137 955	1	2
		1999.. 560 468	8 567 004	448 959	D	111 509	1	2
		1998.. 572 482	8 570 848	465 754	S	106 727	1	2
		1997.. 603 632	8 825 578	484 876	S	118 756	X	X
33591	Battery mfg . . . . .	2000.. 142 745	2 197 803	113 031	D	29 714	3	6
		1999.. 131 460	2 165 921	106 315	D	25 145	3	7
		1998.. 123 287	1 913 199	98 012	—	25 274	1	1
		1997.. 143 004	2 134 936	115 888	D	27 116	X	X
335911	Storage battery mfg . . . . .	2000.. 117 544	1 806 198	93 475	—	24 069	3	7
		1999.. 108 391	1 781 415	88 060	—	20 330	3	9
		1998.. 102 528	1 569 751	81 427	—	21 100	1	1
		1997.. 123 249	1 811 570	100 390	—	22 859	X	X
335912	Primary battery mfg . . . . .	2000.. 25 201	391 605	19 556	D	5 645	10	1
		1999.. 23 070	384 506	18 255	—	4 815	7	4
		1998.. 20 759	343 448	16 585	S	4 174	1	1
		1997.. 19 755	323 366	15 498	S	4 257	X	X
33592	Communication & energy wire & cable mfg . . . . .	2000.. 183 259	2 786 852	150 723	D	32 536	3	6
		1999.. 171 086	2 604 264	143 154	D	27 932	3	3
		1998.. 153 428	2 376 473	129 002	D	24 426	1	8
		1997.. 149 270	2 319 810	125 467	D	23 803	X	X
335921	Fiber optic cable mfg . . . . .	2000.. 27 335	505 667	23 481	D	3 854	12	8
		1999.. 26 427	461 160	22 820	D	3 607	9	6
		1998.. 22 457	381 996	18 505	D	3 953	1	2
		1997.. 19 947	344 565	16 405	D	3 542	X	X
335929	Other communication & energy wire mfg . . . . .	2000.. 155 924	2 281 185	127 242	—	28 682	3	7
		1999.. 144 659	2 143 104	120 334	—	24 325	3	3
		1998.. 130 970	1 994 477	110 497	—	20 473	1	9
		1997.. 129 323	1 975 245	109 062	—	20 261	X	X
33593	Wiring device mfg . . . . .	2000.. 128 538	1 768 711	104 540	D	23 998	2	3
		1999.. 123 376	1 727 734	102 881	D	20 495	3	3
		1998.. 151 421	1 897 542	129 959	D	21 462	1	2
		1997.. 122 609	1 656 133	101 066	S	21 543	X	X
335931	Current-carrying wiring device mfg . . . . .	2000.. 60 981	790 061	50 792	—	10 190	4	7
		1999.. 58 961	813 289	49 910	—	9 051	3	6
		1998.. 59 933	811 052	51 914	—	8 129	1	2
		1997.. 58 194	740 774	49 484	S	8 710	X	X
335932	Noncurrent-carrying wiring device mfg . . . . .	2000.. 67 557	978 650	53 749	D	13 809	3	1
		1999.. 64 415	914 445	52 971	D	11 444	4	2
		1998.. 91 487	1 086 491	78 044	S	13 443	1	3
		1997.. 64 415	915 359	51 582	S	12 833	X	X
33599	All other electrical equipment & component mfg . . . . .	2000.. 156 703	2 161 366	104 996	221	51 707	2	3
		1999.. 134 546	2 069 085	96 610	—	37 936	2	3
		1998.. 144 346	2 383 634	108 781	S	35 563	1	4
		1997.. 188 749	2 714 699	142 455	S	46 294	X	X
335991	Carbon & graphite product mfg . . . . .	2000.. 101 978	1 497 752	59 615	—	42 362	1	3
		1999.. 85 916	1 536 167	56 429	—	29 487	1	3
		1998.. 94 695	1 831 237	66 344	—	28 351	1	3
		1997.. 106 522	1 813 935	68 400	—	38 122	X	X
335999	All other miscellaneous electrical equipment & component mfg . . . . .	2000.. 54 725	663 614	45 381	221	9 345	4	8
		1999.. 48 630	532 918	40 181	—	8 449	4	10
		1998.. 49 651	552 397	42 437	S	7 214	4	15
		1997.. 82 227	900 764	74 055	S	8 172	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
336	Transportation equipment mfg .....	2000.. 3 819 090	54 518 185	2 725 948	176 706	1 093 141	1	1
		1999.. 3 597 309	53 073 831	2 690 874	145 173	906 435	1	1
		1998.. 3 602 658	51 500 105	2 661 431	S	941 227	1	1
		1997.. 3 760 330	53 193 755	2 773 661	S	986 669	X	X
3361	Motor vehicle mfg .....	2000.. 749 171	10 132 794	429 553	D	319 619	1	1
		1999.. 679 768	10 206 053	453 078	D	226 690	1	1
		1998.. 689 691	10 090 972	445 815	S	243 875	1	1
		1997.. 719 109	9 946 244	448 811	S	270 298	X	X
33611	Automobile & light duty motor vehicle mfg .....	2000.. 704 104	9 512 552	400 244	D	303 860	1	1
		1999.. 637 511	9 548 178	423 741	D	213 770	1	1
		1998.. 649 624	9 518 430	416 823	S	232 802	1	1
		1997.. 680 340	9 446 274	422 402	S	257 938	X	X
336111	Automobile mfg .....	2000.. 317 697	4 617 995	189 779	D	127 918	1	1
		1999.. 314 299	5 021 684	215 382	D	98 917	1	1
		1998.. 343 804	5 279 104	220 803	S	123 001	1	1
		1997.. 350 357	5 366 457	226 440	S	123 917	X	X
336112	Light truck & utility vehicle mfg .....	2000.. 386 407	4 894 557	210 465	D	175 943	1	1
		1999.. 323 212	4 526 494	208 359	D	114 853	1	1
		1998.. 305 821	4 239 326	196 020	S	109 801	1	1
		1997.. 329 983	4 079 817	195 962	S	134 021	X	X
33612	Heavy duty truck mfg .....	2000.. 45 067	620 242	29 309	—	15 758	1	1
		1999.. 42 257	657 875	29 337	—	12 921	1	1
		1998.. 40 066	572 542	28 993	S	11 074	1	1
		1997.. 38 769	499 970	26 409	S	12 360	X	X
336120	Heavy duty truck mfg .....	2000.. 45 067	620 242	29 309	—	15 758	1	1
		1999.. 42 257	657 875	29 337	—	12 921	1	1
		1998.. 40 066	572 542	28 993	S	11 074	1	1
		1997.. 38 769	499 970	26 409	S	12 360	X	X
3362	Motor vehicle body & trailer mfg .....	2000.. 130 088	1 462 989	86 469	—	43 619	3	3
		1999.. 123 642	1 445 032	83 813	—	39 828	3	4
		1998.. 115 830	1 339 403	77 654	S	38 176	1	4
		1997.. 123 427	1 390 032	84 186	S	39 241	X	X
33621	Motor vehicle body & trailer mfg .....	2000.. 130 088	1 462 989	86 469	—	43 619	3	3
		1999.. 123 642	1 445 032	83 813	—	39 828	3	4
		1998.. 115 830	1 339 403	77 654	S	38 176	1	4
		1997.. 123 427	1 390 032	84 186	S	39 241	X	X
336211	Motor vehicle body mfg .....	2000.. 49 017	565 939	32 829	—	16 188	4	6
		1999.. 47 548	572 624	33 189	—	14 359	4	5
		1998.. 46 167	503 846	30 185	S	15 982	2	8
		1997.. 55 543	594 784	38 472	S	17 071	X	X
336212	Truck trailer mfg .....	2000.. 38 714	469 708	27 329	—	11 385	6	6
		1999.. 33 920	440 390	24 979	—	8 941	5	6
		1998.. 31 600	415 040	23 214	S	8 385	2	3
		1997.. 29 922	382 211	21 278	S	8 644	X	X
336213	Motor home mfg .....	2000.. 12 103	142 191	7 867	—	4 236	2	3
		1999.. 13 426	151 942	8 082	—	5 344	2	2
		1998.. 12 850	153 539	8 582	S	4 267	1	2
		1997.. 13 539	153 017	8 948	S	4 591	X	X
336214	Travel trailer & camper mfg .....	2000.. 30 255	285 152	18 445	—	11 810	5	8
		1999.. 28 748	280 075	17 563	—	11 184	5	10
		1998.. 25 214	266 978	15 672	S	9 542	2	4
		1997.. 24 423	260 020	15 488	S	8 935	X	X
3363	Motor vehicle parts mfg .....	2000.. 1 808 415	27 205 404	1 342 619	D	465 795	1	2
		1999.. 1 756 502	26 591 172	1 342 152	D	414 350	1	2
		1998.. 1 725 609	25 532 501	1 321 418	S	404 191	1	1
		1997.. 1 858 160	26 587 328	1 409 814	S	448 346	X	X
33631	Motor vehicle gasoline engine & engine parts mfg .....	2000.. 248 144	4 460 877	198 773	D	49 371	4	7
		1999.. 243 797	4 242 612	202 234	D	41 563	2	6
		1998.. 259 912	4 134 043	207 202	S	52 710	1	1
		1997.. 294 362	4 118 740	223 547	S	70 815	X	X
336311	Carburetor, piston, piston ring, & valve mfg .....	2000.. 48 920	837 151	39 925	—	8 995	5	4
		1999.. 46 004	809 976	37 414	—	8 590	1	1
		1998.. 43 543	758 210	35 287	S	8 256	1	2
		1997.. 43 016	692 644	33 187	S	9 829	X	X
336312	Gasoline engine & engine parts mfg .....	2000.. 199 224	3 623 726	158 848	D	40 376	5	9
		1999.. 197 793	3 432 635	164 820	D	32 973	3	8
		1998.. 216 369	3 375 833	171 914	S	44 454	1	1
		1997.. 251 346	3 426 096	190 360	S	60 986	X	X
33632	Motor vehicle electrical & electronic equipment mfg .....	2000.. 157 966	2 513 382	126 194	-2 875	31 772	3	5
		1999.. 169 702	2 569 342	132 727	-2 885	36 975	3	4
		1998.. 156 485	2 467 713	126 733	S	29 752	1	1
		1997.. 167 573	2 550 277	134 336	S	33 237	X	X
336321	Vehicular lighting equipment mfg .....	2000.. 34 049	607 749	28 234	—	5 815	6	3
		1999.. 37 605	680 463	31 323	—	6 282	2	1
		1998.. 32 606	555 504	27 337	S	5 270	1	1
		1997.. 34 419	571 260	27 850	S	6 569	X	X
336322	Other motor vehicle electrical & electronic equipment mfg .....	2000.. 123 918	1 905 633	97 960	-2 875	25 958	4	6
		1999.. 132 097	1 888 879	101 404	-2 885	30 693	3	5
		1998.. 123 878	1 912 209	99 396	S	24 482	1	1
		1997.. 133 154	1 979 017	106 486	S	26 668	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
336	Transportation equipment mfg—Con.							
3363	Motor vehicle parts mfg—Con.							
33633	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 121 202	1 934 135	90 462	—	30 739	2	8
		1999.. 117 187	1 976 003	89 418	—	27 769	1	8
		1998.. 118 023	1 944 730	89 723	—	28 300	1	1
		1997.. 124 956	1 984 628	93 875	S	31 081	X	X
336330	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 121 202	1 934 135	90 462	—	30 739	2	8
		1999.. 117 187	1 976 003	89 418	—	27 769	1	8
		1998.. 118 023	1 944 730	89 723	S	28 300	1	1
		1997.. 124 956	1 984 628	93 875	S	31 081	X	X
33634	Motor vehicle brake system mfg .....	2000.. 100 000	1 548 130	73 469	D	26 531	1	3
		1999.. 96 475	1 552 977	75 991	D	20 483	1	3
		1998.. 96 127	1 545 280	76 599	S	19 528	1	1
		1997.. 93 780	1 474 818	73 881	S	19 899	X	X
336340	Motor vehicle brake system mfg .....	2000.. 100 000	1 548 130	73 469	D	26 531	1	3
		1999.. 96 475	1 552 977	75 991	D	20 483	1	3
		1998.. 96 127	1 545 280	76 599	S	19 528	1	1
		1997.. 93 780	1 474 818	73 881	S	19 899	X	X
33635	Motor vehicle transmission & power train parts mfg .....	2000.. 347 316	5 249 372	247 951	D	99 365	1	2
		1999.. 307 318	4 700 753	226 980	—	80 339	1	1
		1998.. 302 518	4 626 945	230 546	S	71 972	1	1
		1997.. 304 238	4 423 785	227 311	S	76 927	X	X
336350	Motor vehicle transmission & power train parts mfg .....	2000.. 347 316	5 249 372	247 951	D	99 365	1	2
		1999.. 307 318	4 700 753	226 980	—	80 339	1	1
		1998.. 302 518	4 626 945	230 546	S	71 972	1	1
		1997.. 304 238	4 423 785	227 311	S	76 927	X	X
33636	Motor vehicle seating & interior trim mfg .....	2000.. 77 933	1 064 413	60 969	—	16 963	4	2
		1999.. 83 226	1 100 328	65 015	—	18 211	6	7
		1998.. 61 832	865 225	47 749	S	14 083	2	1
		1997.. 61 072	847 569	45 873	S	15 199	X	X
336360	Motor vehicle seating & interior trim mfg .....	2000.. 77 933	1 064 413	60 969	—	16 963	4	2
		1999.. 83 226	1 100 328	65 015	—	18 211	6	7
		1998.. 61 832	865 225	47 749	S	14 083	2	1
		1997.. 61 072	847 569	45 873	S	15 199	X	X
33637	Motor vehicle metal stamping .....	2000.. 276 046	3 818 935	212 890	—	63 156	3	4
		1999.. 284 903	3 904 654	220 416	—	64 487	2	5
		1998.. 292 934	3 955 973	224 066	S	68 868	1	5
		1997.. 340 924	4 783 503	270 969	S	69 955	X	X
336370	Motor vehicle metal stamping .....	2000.. 276 046	3 818 935	212 890	—	63 156	3	4
		1999.. 284 903	3 904 654	220 416	—	64 487	2	5
		1998.. 292 934	3 955 973	224 066	S	68 868	1	5
		1997.. 340 924	4 783 503	270 969	S	69 955	X	X
33639	Other motor vehicle parts mfg .....	2000.. 479 808	6 616 160	331 911	-75 082	147 897	2	4
		1999.. 453 894	6 544 503	329 371	-125 300	124 523	2	3
		1998.. 437 778	5 992 593	318 800	S	118 978	1	1
		1997.. 471 255	6 404 008	340 022	S	131 233	X	X
336391	Motor vehicle air-conditioning mfg .....	2000.. 45 871	835 240	33 856	D	12 015	1	1
		1999.. 47 572	893 286	38 048	D	9 524	1	1
		1998.. 51 854	792 811	41 816	S	10 039	1	1
		1997.. 56 636	1 043 198	44 019	S	12 617	X	X
336399	All other motor vehicle parts mfg .....	2000.. 433 937	5 780 919	298 055	D	135 882	2	4
		1999.. 406 322	5 651 217	291 323	D	115 000	2	3
		1998.. 385 924	5 199 782	276 984	S	108 939	2	1
		1997.. 414 619	5 360 810	296 003	S	118 616	X	X
3364	Aerospace product & parts mfg .....	2000.. 848 308	12 024 646	664 467	178 728	183 840	1	1
		1999.. 775 790	11 337 041	623 381	191 346	152 409	1	2
		1998.. 812 477	11 133 430	630 905	S	181 573	1	2
		1997.. 789 791	11 857 087	640 230	S	149 561	X	X
33641	Aerospace product & parts mfg .....	2000.. 848 308	12 024 646	664 467	178 728	183 840	1	1
		1999.. 775 790	11 337 041	623 381	191 346	152 409	1	2
		1998.. 812 477	11 133 430	630 905	S	181 573	1	2
		1997.. 789 791	11 857 087	640 230	S	149 561	X	X
336411	Aircraft mfg .....	2000.. 242 433	3 313 956	182 116	D	60 317	1	1
		1999.. 232 199	3 392 095	183 240	D	48 958	1	1
		1998.. 254 286	3 331 812	177 197	S	77 089	1	1
		1997.. 218 070	3 912 508	177 475	S	40 595	X	X
336412	Aircraft engine & engine parts mfg .....	2000.. 195 468	2 531 792	148 424	254 711	47 044	1	1
		1999.. 170 376	2 413 104	138 467	D	31 909	1	1
		1998.. 177 752	2 325 593	143 332	S	34 420	3	1
		1997.. 199 212	2 454 758	156 001	S	43 211	X	X
336413	Other aircraft part & auxiliary equipment mfg .....	2000.. 292 327	4 560 494	237 235	D	55 092	1	4
		1999.. 261 238	3 728 108	206 762	—	54 476	1	5
		1998.. 256 971	3 620 559	206 844	S	50 127	1	6
		1997.. 239 949	3 523 776	195 080	S	44 869	X	X
336414	Guided missile & space vehicle mfg .....	2000.. 60 985	823 074	52 598	—	8 387	1	1
		1999.. 59 997	1 019 027	52 860	—	7 137	1	1
		1998.. 68 836	1 071 515	60 392	S	8 444	1	1
		1997.. 76 409	1 159 207	66 854	S	9 555	X	X
336415	Guided missile & space vehicle propulsion unit & parts mfg .....	2000.. 38 930	591 877	29 883	D	9 047	1	1
		1999.. 36 586	558 803	29 302	D	7 284	1	1
		1998.. 37 550	561 041	30 112	S	7 438	1	1
		1997.. 40 854	588 957	32 539	S	8 315	X	X

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**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
336	Transportation equipment mfg—Con.							
3364	Aerospace product & parts mfg—Con.							
33641	Aerospace product & parts mfg—Con.							
336419	Other guided missile & space vehicle parts & auxiliary equip mfg	2000.. 18 165	203 453	14 212	—	3 953	1	1
		1999.. 15 395	225 903	12 751	—	2 644	1	1
		1998.. 17 083	222 910	13 027	S	4 055	1	1
		1997.. 15 297	217 881	12 281	S	3 016	X	X
3365	Railroad rolling stock mfg	2000.. 56 129	567 428	33 863	D	22 266	2	2
		1999.. 58 616	600 253	35 143	D	23 473	2	1
		1998.. 57 857	594 531	34 521	S	23 336	1	1
		1997.. 59 042	574 038	35 414	S	23 628	X	X
33651	Railroad rolling stock mfg	2000.. 56 129	567 428	33 863	D	22 266	2	2
		1999.. 58 616	600 253	35 143	D	23 473	2	1
		1998.. 57 857	594 531	34 521	S	23 336	1	1
		1997.. 59 042	574 038	35 414	S	23 628	X	X
336510	Railroad rolling stock mfg	2000.. 56 129	567 428	33 863	D	22 266	2	2
		1999.. 58 616	600 253	35 143	D	23 473	2	1
		1998.. 57 857	594 531	34 521	S	23 336	1	1
		1997.. 59 042	574 038	35 414	S	23 628	X	X
3366	Ship & boat building	2000.. 162 967	2 230 777	127 517	D	35 451	3	2
		1999.. 141 057	2 040 895	111 529	-1 563	29 529	5	3
		1998.. 141 813	2 033 488	110 235	S	31 578	1	2
		1997.. 151 335	2 098 037	114 620	S	36 715	X	X
33661	Ship & boat building	2000.. 162 967	2 230 777	127 517	D	35 451	3	2
		1999.. 141 057	2 040 895	111 529	-1 563	29 529	5	3
		1998.. 141 813	2 033 488	110 235	S	31 578	1	2
		1997.. 151 335	2 098 037	114 620	S	36 715	X	X
336611	Ship building & repairing	2000.. 111 990	1 690 835	94 451	D	17 539	4	3
		1999.. 99 618	1 609 052	84 797	D	14 821	6	3
		1998.. 106 121	1 659 735	87 138	S	18 983	1	4
		1997.. 116 041	1 725 571	92 306	S	23 735	X	X
336612	Boat building	2000.. 50 977	539 942	33 066	D	17 912	2	4
		1999.. 41 440	431 843	26 732	D	14 708	2	6
		1998.. 35 693	373 752	23 098	D	12 595	1	2
		1997.. 35 294	372 466	22 314	D	12 980	X	X
3369	Other transportation equipment mfg	2000.. 64 011	894 146	41 460	—	22 552	2	17
		1999.. 61 934	853 384	41 777	—	20 157	2	17
		1998.. 59 380	775 780	40 883	S	18 497	1	6
		1997.. 59 466	740 989	40 586	S	18 880	X	X
33699	Other transportation equipment mfg	2000.. 64 011	894 146	41 460	—	22 552	2	17
		1999.. 61 934	853 384	41 777	—	20 157	2	17
		1998.. 59 380	775 780	40 883	S	18 497	1	6
		1997.. 59 466	740 989	40 586	S	18 880	X	X
336991	Motorcycle, bicycle, & parts mfg	2000.. 26 652	384 789	15 884	—	10 769	5	35
		1999.. 26 057	354 103	16 097	—	9 960	3	31
		1998.. 23 200	279 761	14 867	S	8 333	2	13
		1997.. 25 197	284 675	16 604	S	8 593	X	X
336992	Military armored vehicle, tank, & tank component mfg	2000.. 10 513	151 117	8 979	—	1 534	1	1
		1999.. 11 524	178 616	10 088	—	1 436	1	1
		1998.. 11 814	180 477	10 171	—	1 643	1	1
		1997.. 12 148	182 794	10 181	—	1 967	X	X
336999	All other transportation equipment mfg	2000.. 26 847	358 240	16 598	—	10 249	3	6
		1999.. 24 353	320 666	15 592	—	8 761	5	13
		1998.. 24 366	315 542	15 845	—	8 521	1	1
		1997.. 22 121	273 520	13 801	—	8 320	X	X
337	Furniture & related product mfg	2000.. 737 377	8 764 014	534 359	15 788	203 019	2	3
		1999.. 683 647	8 331 637	511 262	19 376	172 385	1	4
		1998.. 658 023	8 444 888	493 450	S	164 573	1	2
		1997.. 665 933	8 410 129	489 911	S	176 022	X	X
3371	Household & institutional furniture & kitchen cabinet mfg	2000.. 437 372	5 568 608	335 875	6 204	101 497	2	5
		1999.. 409 920	5 283 005	320 975	5 969	88 945	1	6
		1998.. 392 410	5 192 167	308 020	S	84 390	2	1
		1997.. 391 704	5 060 623	300 740	S	90 964	X	X
33711	Wood kitchen cabinet & counter top mfg	2000.. 116 552	1 381 885	83 646	D	32 906	4	10
		1999.. 101 513	1 190 870	73 917	D	27 597	3	11
		1998.. 98 143	1 174 921	73 793	D	24 350	1	2
		1997.. 93 475	1 099 410	68 619	D	24 856	X	X
337110	Wood kitchen cabinet & counter top mfg	2000.. 116 552	1 381 885	83 646	D	32 906	4	10
		1999.. 101 513	1 190 870	73 917	D	27 597	3	11
		1998.. 98 143	1 174 921	73 793	D	24 350	1	2
		1997.. 93 475	1 099 410	68 619	D	24 856	X	X
33712	Household & institutional furniture mfg	2000.. 320 820	4 186 723	252 230	D	68 590	2	6
		1999.. 308 407	4 092 135	247 059	D	61 348	1	7
		1998.. 294 267	4 017 246	234 227	D	60 040	2	1
		1997.. 298 229	3 961 213	232 121	D	66 108	X	X
337121	Upholstered household furniture mfg	2000.. 57 858	735 578	45 630	D	12 228	5	6
		1999.. 53 142	675 189	42 649	D	10 493	2	6
		1998.. 51 454	704 482	42 516	D	8 938	1	3
		1997.. 49 652	643 557	39 436	D	10 216	X	X
337122	Nonupholstered wood household furniture mfg	2000.. 167 012	2 353 973	135 870	D	31 141	3	4
		1999.. 162 608	2 340 953	137 608	D	25 001	2	4
		1998.. 158 574	2 410 193	132 491	D	26 083	3	2
		1997.. 160 765	2 373 667	133 025	D	27 740	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
		A	B	C	D	E	C	E
337	Furniture & related product mfg—Con.							
3371	Household & institutional furniture & kitchen cabinet mfg—Con.							
33712	Household & institutional furniture mfg—Con.							
337124	Metal household furniture mfg .....	2000.. 33 865	352 783	23 799	—	10 067	4	7
		1999.. 29 471	319 713	18 844	—	10 626	5	10
		1998.. 25 796	261 510	16 259	—	9 536	4	4
		1997.. 23 629	229 340	14 694	—	8 935	X	X
337125	Household furniture (except wood & metal) mfg .....	2000.. 11 233	169 429	9 800	—	1 432	15	6
		1999.. 11 252	163 687	9 722	—	1 530	11	22
		1998.. 7 543	103 282	6 762	D	782	5	4
		1997.. 10 332	162 182	9 285	D	1 047	X	X
337127	Institutional furniture mfg .....	2000.. 46 022	516 041	33 323	—	12 699	4	30
		1999.. 46 133	520 100	33 389	—	12 745	3	31
		1998.. 45 367	478 944	31 951	—	13 416	4	3
		1997.. 48 429	487 604	31 304	—	17 125	X	X
337129	Wood television, radio, & sewing machine cabinet mfg .....	2000.. 4 831	58 919	3 807	—	1 024	10	16
		1999.. 5 801	72 494	4 847	—	954	5	7
		1998.. 5 533	58 835	4 248	—	1 286	4	17
		1997.. 5 422	64 863	4 377	—	1 045	X	X
3372	Office furniture (including fixtures) mfg .....	2000.. 260 975	2 795 708	171 785	9 585	89 190	4	5
		1999.. 239 513	2 668 107	165 852	13 408	73 661	4	5
		1998.. 232 517	2 865 538	160 257	9 485	72 260	1	5
		1997.. 242 223	2 984 243	165 078	10 957	77 145	X	X
33721	Office furniture (including fixtures) mfg .....	2000.. 260 975	2 795 708	171 785	9 585	89 190	4	5
		1999.. 239 513	2 668 107	165 852	13 408	73 661	4	5
		1998.. 232 517	2 865 538	160 257	9 485	72 260	1	5
		1997.. 242 223	2 984 243	165 078	10 957	77 145	X	X
337211	Wood office furniture mfg .....	2000.. 46 386	554 857	34 438	—	11 948	5	9
		1999.. 39 750	499 072	31 021	—	8 729	5	9
		1998.. 36 692	440 582	27 742	—	8 950	1	8
		1997.. 41 390	494 334	31 472	—	9 918	X	X
337212	Custom architectural woodwork & millwork mfg .....	2000.. 29 170	302 598	19 363	D	9 807	12	12
		1999.. 24 887	254 153	16 788	D	8 100	12	13
		1998.. 22 357	492 979	15 647	D	6 709	3	6
		1997.. 21 617	481 196	14 853	D	6 764	X	X
337214	Office furniture (except wood) mfg .....	2000.. 74 759	850 824	50 622	D	24 137	3	4
		1999.. 69 094	848 386	49 038	D	20 057	2	5
		1998.. 67 349	840 218	48 617	D	18 732	1	3
		1997.. 73 788	912 180	52 454	D	21 334	X	X
337215	Showcase, partition, shelving, & locker mfg .....	2000.. 110 660	1 087 429	67 362	D	43 299	9	9
		1999.. 105 781	1 066 497	69 006	D	36 776	8	10
		1998.. 106 120	1 091 759	68 250	D	37 870	2	8
		1997.. 105 428	1 096 533	66 299	D	39 129	X	X
3379	Other furniture related product mfg .....	2000.. 39 030	399 699	26 698	—	12 332	4	7
		1999.. 34 214	380 525	24 435	—	9 779	3	13
		1998.. 33 095	387 183	25 173	—	7 922	2	2
		1997.. 32 006	365 263	24 093	—	7 913	X	X
33791	Mattress mfg .....	2000.. 21 500	214 131	14 172	—	7 328	4	11
		1999.. 19 064	199 089	13 172	—	5 891	5	21
		1998.. 17 491	194 449	13 121	—	4 370	2	2
		1997.. 17 205	187 737	12 562	—	4 643	X	X
337910	Mattress mfg .....	2000.. 21 500	214 131	14 172	—	7 328	4	11
		1999.. 19 064	199 089	13 172	—	5 891	5	21
		1998.. 17 491	194 449	13 121	—	4 370	2	2
		1997.. 17 205	187 737	12 562	—	4 643	X	X
33792	Blind & shade mfg .....	2000.. 17 530	185 567	12 526	—	5 004	6	3
		1999.. 15 151	181 436	11 263	—	3 888	3	9
		1998.. 15 604	192 734	12 052	—	3 552	2	3
		1997.. 14 801	177 526	11 531	—	3 270	X	X
337920	Blind & shade mfg .....	2000.. 17 530	185 567	12 526	—	5 004	6	3
		1999.. 15 151	181 436	11 263	—	3 888	3	9
		1998.. 15 604	192 734	12 052	—	3 552	2	3
		1997.. 14 801	177 526	11 531	—	3 270	X	X
339	Miscellaneous mfg .....	2000.. 893 601	10 793 466	677 126	7 848	216 474	1	2
		1999.. 830 916	10 259 931	647 984	7 332	182 932	1	2
		1998.. 836 271	10 399 136	652 384	S	183 887	1	1
		1997.. 822 883	10 121 006	634 534	S	188 349	X	X
3391	Medical equipment & supplies mfg .....	2000.. 330 656	4 188 016	266 599	D	64 056	2	3
		1999.. 320 441	4 198 423	265 978	D	54 463	1	3
		1998.. 316 499	4 145 754	267 477	S	49 023	1	2
		1997.. 303 107	3 934 202	255 209	S	47 898	X	X
33911	Medical equipment & supplies mfg .....	2000.. 330 656	4 188 016	266 599	D	64 056	2	3
		1999.. 320 441	4 198 423	265 978	D	54 463	1	3
		1998.. 316 499	4 145 754	267 477	S	49 023	1	2
		1997.. 303 107	3 934 202	255 209	S	47 898	X	X
339111	Laboratory apparatus & furniture mfg .....	2000.. 17 675	192 553	12 530	—	5 145	5	12
		1999.. 17 447	188 976	12 826	—	4 621	5	12
		1998.. 16 280	191 504	12 963	—	3 317	3	15
		1997.. 17 494	187 974	12 673	—	4 821	X	X
339112	Surgical & medical instrument mfg .....	2000.. 118 327	1 641 212	101 650	D	16 677	4	7
		1999.. 119 676	1 722 331	104 567	S	15 109	3	6
		1998.. 124 993	1 704 142	106 447	S	18 546	3	1
		1997.. 123 429	1 675 820	106 088	S	17 341	X	X

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			Purchased		Generated less sold (1,000 kWh)		C	E
			Quantity (1,000 kWh)	Cost (\$1,000)				
			A	B	C		D	E
339	Miscellaneous mfg—Con.							
3391	Medical equipment & supplies mfg—Con.							
33911	Medical equipment & supplies mfg—Con.							
339113	Surgical appliance & supplies mfg .....	2000.. 120 458	1 436 364	90 362	D	30 096	2	4
		1999.. 111 336	1 399 920	88 842	D	22 494	2	3
		1998.. 100 843	1 296 158	83 879	S	16 964	1	1
		1997.. 91 444	1 170 086	75 223	S	16 221	X	X
339114	Dental equipment & supplies mfg .....	2000.. 18 275	211 353	14 834	—	3 440	4	15
		1999.. 17 361	204 265	14 530	—	2 831	3	12
		1998.. 16 793	203 429	14 107	—	2 687	3	2
		1997.. 16 006	192 358	13 412	S	2 594	X	X
339115	Ophthalmic goods mfg .....	2000.. 37 109	471 476	32 168	—	4 941	3	9
		1999.. 37 671	488 373	32 284	—	5 387	5	9
		1998.. 33 570	446 507	29 708	—	3 863	1	2
		1997.. 34 882	443 720	30 541	—	4 341	X	X
339116	Dental laboratories .....	2000.. 18 812	S	S	—	S	4	9
		1999.. 16 951	S	S	—	S	3	10
		1998.. 24 020	S	S	—	S	4	23
		1997.. 19 852	S	S	—	S	X	X
3399	Other miscellaneous mfg .....	2000.. 562 945	6 605 450	410 527	D	152 418	1	3
		1999.. 510 476	6 061 508	382 006	D	128 469	1	3
		1998.. 519 772	6 253 382	384 908	D	134 864	1	2
		1997.. 519 776	6 186 804	379 325	D	140 451	X	X
33991	Jewelry & silverware mfg .....	2000.. 43 272	421 123	30 376	—	12 895	5	22
		1999.. 40 145	391 195	28 518	—	11 627	4	24
		1998.. 41 878	379 068	28 678	—	13 200	4	3
		1997.. 43 453	389 158	29 307	—	14 146	X	X
339911	Jewelry (except costume) mfg .....	2000.. 21 992	221 020	16 879	—	5 112	8	55
		1999.. 19 864	199 901	15 218	—	4 646	6	60
		1998.. 21 016	181 392	14 583	—	6 433	6	4
		1997.. 21 336	185 017	14 683	—	6 653	X	X
339912	Silverware & plated ware mfg .....	2000.. 7 043	81 987	3 847	—	3 196	2	2
		1999.. 6 103	80 903	3 942	—	2 161	2	4
		1998.. 6 627	85 481	4 365	—	2 262	1	2
		1997.. 6 660	90 394	4 681	—	1 979	X	X
339913	Jewelers' material & lapidary work mfg .....	2000.. 4 160	37 551	3 179	—	980	5	8
		1999.. 4 024	36 754	3 125	—	899	4	8
		1998.. 4 719	40 423	3 587	—	1 132	12	6
		1997.. 4 823	35 129	3 276	—	1 547	X	X
339914	Costume jewelry & novelty mfg .....	2000.. 10 078	80 565	6 471	—	3 607	7	6
		1999.. 10 154	73 637	6 232	—	3 921	5	6
		1998.. 9 516	71 773	6 143	—	3 373	8	11
		1997.. 10 634	78 618	6 667	—	3 967	X	X
33992	Sporting & athletic goods mfg .....	2000.. 91 273	1 092 870	66 796	—	24 477	4	4
		1999.. 73 251	877 311	53 220	—	20 031	2	7
		1998.. 85 547	1 014 945	61 423	—	24 125	2	4
		1997.. 91 366	1 024 521	62 358	—	29 008	X	X
339920	Sporting & athletic goods mfg .....	2000.. 91 273	1 092 870	66 796	—	24 477	4	4
		1999.. 73 251	877 311	53 220	—	20 031	2	7
		1998.. 85 547	1 014 945	61 423	—	24 125	2	4
		1997.. 91 366	1 024 521	62 358	—	29 008	X	X
33993	Doll, toy, & game mfg .....	2000.. 48 485	597 987	35 240	—	13 245	5	6
		1999.. 45 641	561 036	34 289	—	11 352	5	6
		1998.. 45 665	543 206	35 953	—	9 712	3	2
		1997.. 51 361	591 716	38 013	—	13 348	X	X
339931	Doll & stuffed toy mfg .....	2000.. 2 060	23 599	1 469	—	591	10	44
		1999.. 2 084	23 394	1 495	—	590	10	43
		1998.. 2 461	20 692	1 506	—	955	4	7
		1997.. 1 968	16 699	1 245	—	723	X	X
339932	Game, toy, & children's vehicle mfg .....	2000.. 46 425	574 388	33 772	—	12 654	5	6
		1999.. 43 557	537 642	32 794	—	10 762	5	6
		1998.. 43 203	522 514	34 447	—	8 757	3	2
		1997.. 49 393	575 017	36 768	—	12 625	X	X
33994	Office supplies (except paper) mfg .....	2000.. 38 404	445 611	28 992	—	9 412	4	4
		1999.. 38 646	470 632	29 595	—	9 051	2	4
		1998.. 40 622	504 128	31 673	—	8 948	2	6
		1997.. 38 829	494 144	30 170	—	8 659	X	X
339941	Pen & mechanical pencil mfg .....	2000.. 11 865	170 337	10 541	—	1 323	1	2
		1999.. 11 605	168 166	10 204	—	1 401	1	9
		1998.. 13 468	198 171	12 116	—	1 352	6	14
		1997.. 11 452	174 434	10 239	—	1 213	X	X
339942	Lead pencil & art good mfg .....	2000.. 13 726	128 794	9 390	—	4 336	4	4
		1999.. 13 892	141 086	9 908	—	3 983	4	3
		1998.. 13 080	143 680	9 403	—	3 678	1	1
		1997.. 12 036	148 593	9 378	—	2 658	X	X
339943	Marking device mfg .....	2000.. 6 256	67 011	4 742	—	1 514	22	13
		1999.. 6 594	80 413	5 050	—	1 544	9	12
		1998.. 5 906	72 995	4 901	—	1 005	2	49
		1997.. 6 339	72 474	4 885	—	1 454	X	X
339944	Carbon paper & inked ribbon mfg .....	2000.. 6 558	79 470	4 318	—	2 239	6	10
		1999.. 6 555	80 967	4 433	—	2 122	6	10
		1998.. 8 167	89 282	5 253	—	2 914	1	2
		1997.. 9 002	98 643	5 668	—	3 334	X	X

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices]

NAICS code	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy			Cost of purchased fuels (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—		
			Purchased		Generated less sold (1,000 kWh)		C	E	
			Quantity (1,000 kWh)	Cost (\$1,000)					D
			A	B					
339	Miscellaneous mfg—Con.								
3399	Other miscellaneous mfg—Con.								
33995	Sign mfg .....	2000.. 100 382	1 097 081	70 447	—	29 934	3	5	
		1999.. 91 055	981 737	64 731	—	26 324	3	4	
		1998.. 80 666	1 118 563	57 831	—	22 836	6	5	
		1997.. 81 336	1 114 197	58 534	—	22 802	X	X	
339950	Sign mfg .....	2000.. 100 382	1 097 081	70 447	—	29 934	3	5	
		1999.. 91 055	981 737	64 731	—	26 324	3	4	
		1998.. 80 666	1 118 563	57 831	—	22 836	6	5	
		1997.. 81 336	1 114 197	58 534	—	22 802	X	X	
33999	All other miscellaneous mfg .....	2000.. 241 129	2 950 777	178 675	D	62 455	2	4	
		1999.. 221 738	2 779 597	171 654	D	50 084	2	3	
		1998.. 225 394	2 693 472	169 350	D	56 044	1	3	
		1997.. 213 431	2 573 068	160 943	D	52 488	X	X	
339991	Gasket, packing, & sealing device mfg .....	2000.. 95 153	1 182 283	70 008	D	25 144	4	6	
		1999.. 80 928	1 009 480	62 463	D	18 464	3	6	
		1998.. 81 834	981 854	62 875	D	18 959	2	6	
		1997.. 75 590	940 133	59 444	D	16 146	X	X	
339992	Musical instrument mfg .....	2000.. 18 184	171 679	12 473	—	5 711	4	11	
		1999.. 16 134	155 176	11 471	—	4 663	4	4	
		1998.. 14 382	139 561	10 467	—	3 914	5	24	
		1997.. 12 909	128 558	9 284	—	3 625	X	X	
339993	Fastener, button, needle, & pin mfg .....	2000.. 19 023	298 515	15 335	—	3 689	6	12	
		1999.. 17 593	292 753	14 735	—	2 859	6	12	
		1998.. 17 048	263 041	13 696	—	3 351	1	2	
		1997.. 17 932	270 483	14 211	—	3 721	X	X	
339994	Broom, brush, & mop mfg .....	2000.. 20 181	275 963	15 558	—	4 622	7	5	
		1999.. 21 019	300 773	17 698	—	3 321	3	5	
		1998.. 21 516	311 926	17 908	—	3 609	4	4	
		1997.. 20 944	279 804	16 861	—	4 083	X	X	
339995	Burial casket mfg .....	2000.. 11 109	133 615	8 099	—	3 009	7	14	
		1999.. 11 628	145 124	8 327	—	3 301	7	10	
		1998.. 12 693	154 848	8 179	—	4 514	1	1	
		1997.. 11 964	153 708	7 913	—	4 051	X	X	
339999	All other miscellaneous mfg .....	2000.. 77 480	888 721	57 201	-1 091	20 279	5	7	
		1999.. 74 435	876 291	56 959	-1 156	17 475	5	7	
		1998.. 77 921	842 241	56 224	—	21 696	1	1	
		1997.. 74 092	800 382	53 230	—	20 862	X	X	

<sup>1</sup>Description of relative standard error of estimate is given in Appendix B. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Note: Previous years' data may differ from that published in the 1999 Annual Survey of Manufactures because of changes encountered in subsequent review of the 2000 Annual Survey of Manufactures review.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry		Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
			(\$1,000)	(\$1,000)	(\$1,000)	
			A	B	C	A
31-33	<b>Manufacturing</b> .....	2000..	154 917 198	24 550 261	130 366 938	1
		1999..	150 325 065	23 215 162	127 109 903	1
		1998..	152 708 100	22 547 564	130 160 536	1
		1997..	151 510 757	23 424 681	128 086 076	X
311	Food mfg.....	2000..	11 811 261	2 037 058	9 774 203	1
		1999..	12 813 154	2 550 297	10 262 857	2
		1998..	11 512 338	2 107 739	9 404 599	1
		1997..	10 799 165	2 141 268	8 657 897	X
3111	Animal food mfg.....	2000..	612 586	80 552	532 034	6
		1999..	639 999	130 587	509 412	8
		1998..	600 681	105 366	495 315	8
		1997..	548 373	120 346	428 027	X
31111	Animal food mfg.....	2000..	612 586	80 552	532 034	6
		1999..	639 999	130 587	509 412	8
		1998..	600 681	105 366	495 315	8
		1997..	548 373	120 346	428 027	X
311111	Dog & cat food mfg.....	2000..	337 444	44 928	292 516	8
		1999..	246 382	31 145	215 237	5
		1998..	211 127	25 055	186 072	5
		1997..	261 079	45 934	215 145	X
311119	Other animal food mfg.....	2000..	275 141	35 624	239 517	7
		1999..	393 617	99 442	294 174	13
		1998..	389 554	80 311	309 243	13
		1997..	287 294	74 412	212 882	X
3112	Grain & oilseed milling.....	2000..	1 240 538	176 243	1 064 295	3
		1999..	1 576 408	256 598	1 319 809	2
		1998..	1 806 891	327 464	1 479 427	2
		1997..	1 565 272	262 008	1 303 264	X
31121	Flour milling & malt mfg.....	2000..	285 924	66 954	218 969	7
		1999..	233 901	61 294	172 607	6
		1998..	258 500	59 510	198 989	5
		1997..	283 188	76 843	206 345	X
311211	Flour milling.....	2000..	201 215	43 897	157 318	10
		1999..	168 998	45 057	123 941	7
		1998..	185 013	40 553	144 460	4
		1997..	196 633	58 838	137 795	X
311212	Rice milling.....	2000..	63 079	19 077	44 002	11
		1999..	42 967	11 738	31 229	22
		1998..	21 599	2 086	19 513	18
		1997..	45 454	6 606	38 848	X
311213	Malt mfg.....	2000..	21 629	3 980	17 649	5
		1999..	21 936	4 499	17 437	1
		1998..	51 888	16 871	35 017	21
		1997..	41 101	11 399	29 702	X
31122	Starch & vegetable fats & oils mfg.....	2000..	645 670	79 604	566 066	4
		1999..	1 034 814	168 843	865 971	2
		1998..	1 185 866	219 523	966 342	3
		1997..	981 833	157 109	824 724	X
311221	Wet corn milling.....	2000..	379 973	29 476	350 496	7
		1999..	423 686	61 606	362 081	2
		1998..	423 752	66 351	357 401	1
		1997..	540 906	71 613	469 293	X
311222	Soybean processing.....	2000..	143 337	22 938	120 399	1
		1999..	389 287	60 637	328 651	1
		1998..	299 419	39 951	259 468	3
		1997..	188 422	45 212	143 210	X
311223	Other oilseed processing.....	2000..	19 694	4 133	15 562	16
		1999..	56 205	17 259	38 946	30
		1998..	93 910	26 688	67 223	11
		1997..	83 999	12 731	71 268	X
311225	Fats & oils refining & blending.....	2000..	102 666	23 057	79 609	6
		1999..	165 635	29 342	136 294	9
		1998..	368 784	86 534	282 251	7
		1997..	168 506	27 553	140 953	X
31123	Breakfast cereal mfg.....	2000..	308 944	29 684	279 259	1
		1999..	307 693	26 461	281 232	2
		1998..	362 526	48 431	314 095	2
		1997..	300 251	28 056	272 195	X
311230	Breakfast cereal mfg.....	2000..	308 944	29 684	279 259	1
		1999..	307 693	26 461	281 232	2
		1998..	362 526	48 431	314 095	2
		1997..	300 251	28 056	272 195	X
3113	Sugar & confectionery product mfg.....	2000..	761 520	86 146	675 375	3
		1999..	976 111	186 452	789 658	5
		1998..	924 655	103 612	821 044	7
		1997..	831 995	146 690	685 305	X
31131	Sugar mfg.....	2000..	228 781	15 135	213 645	1
		1999..	289 665	40 325	249 339	11
		1998..	336 906	21 908	314 998	20
		1997..	279 835	41 539	238 296	X
311311	Sugarcane mills.....	2000..	75 559	4 710	70 848	2
		1999..	53 749	1 977	51 772	5
		1998..	61 110	6 037	55 073	27
		1997..	67 796	10 587	57 209	X
311312	Cane sugar refining.....	2000..	39 233	1 524	37 709	1
		1999..	37 300	2 066	35 234	1
		1998..	31 329	1 315	30 014	1
		1997..	44 528	4 398	40 130	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
311	Food mfg—Con.				
3113	Sugar & confectionery product mfg—Con.				
31131	Sugar mfg—Con.				
311313	Beet sugar mfg.....	2000.. 113 989	8 901	105 088	5
		1999.. 198 616	36 282	162 334	15
		1998.. 244 467	14 556	229 911	26
		1997.. 167 511	26 554	140 957	X
31132	Chocolate & confectionery mfg from cacao beans.....	2000.. 60 624	7 313	53 311	3
		1999.. 147 418	32 601	114 817	1
		1998.. 110 510	14 439	96 071	5
		1997.. 69 718	10 663	59 055	X
311320	Chocolate & confectionery mfg from cacao beans.....	2000.. 60 624	7 313	53 311	3
		1999.. 147 418	32 601	114 817	1
		1998.. 110 510	14 439	96 071	5
		1997.. 69 718	10 663	59 055	X
31133	Confectionery mfg from purchased chocolate....	2000.. 270 404	27 481	242 923	7
		1999.. 336 862	73 994	262 867	11
		1998.. 277 744	37 241	240 503	3
		1997.. 272 269	56 574	215 695	X
311330	Confectionery mfg from purchased chocolate..	2000.. 270 404	27 481	242 923	7
		1999.. 336 862	73 994	262 867	11
		1998.. 277 744	37 241	240 503	3
		1997.. 272 269	56 574	215 695	X
31134	Nonchocolate confectionery mfg.....	2000.. 201 711	36 216	165 496	4
		1999.. 202 166	39 532	162 635	10
		1998.. 199 496	30 023	169 473	6
		1997.. 210 173	37 914	172 259	X
311340	Nonchocolate confectionery mfg.....	2000.. 201 711	36 216	165 496	4
		1999.. 202 166	39 532	162 635	10
		1998.. 199 496	30 023	169 473	6
		1997.. 210 173	37 914	172 259	X
3114	Fruit & vegetable preserving & specialty food mfg...	2000.. 1 877 351	294 079	1 583 273	3
		1999.. 2 072 772	472 037	1 600 735	5
		1998.. 1 640 853	243 601	1 397 253	3
		1997.. 1 648 372	304 434	1 343 938	X
31141	Frozen food mfg.....	2000.. 784 142	124 016	660 126	3
		1999.. 941 566	245 864	695 702	8
		1998.. 785 356	148 861	636 495	2
		1997.. 751 288	139 118	612 170	X
311411	Frozen fruit, juice, & vegetable mfg.....	2000.. 435 572	56 569	379 003	4
		1999.. 574 840	188 513	386 327	12
		1998.. 462 788	104 637	358 151	4
		1997.. 397 733	59 117	338 616	X
311412	Frozen specialty food mfg.....	2000.. 348 570	67 447	281 124	4
		1999.. 366 726	57 351	309 375	4
		1998.. 322 567	44 224	278 344	2
		1997.. 353 555	80 001	273 554	X
31142	Fruit & vegetable canning, pickling, & drying....	2000.. 1 093 210	170 063	923 147	4
		1999.. 1 131 206	226 173	905 033	8
		1998.. 855 498	94 740	760 758	6
		1997.. 897 084	165 316	731 768	X
311421	Fruit & vegetable canning.....	2000.. 777 466	132 055	645 411	5
		1999.. 723 020	152 165	570 855	11
		1998.. 475 024	50 964	424 060	4
		1997.. 529 704	86 238	443 466	X
311422	Specialty canning.....	2000.. 163 780	23 917	139 863	9
		1999.. 247 915	48 370	199 544	15
		1998.. 228 795	20 441	208 355	14
		1997.. 219 783	48 566	171 217	X
311423	Dried & dehydrated food mfg.....	2000.. 151 964	14 091	137 873	7
		1999.. 160 271	25 638	134 633	8
		1998.. 151 679	23 336	128 343	22
		1997.. 147 597	30 512	117 085	X
3115	Dairy product mfg.....	2000.. 1 461 149	246 307	1 214 841	3
		1999.. 1 435 315	258 371	1 176 943	3
		1998.. 1 492 193	289 915	1 202 279	3
		1997.. 1 337 286	298 378	1 038 908	X
31151	Dairy product (except frozen) mfg.....	2000.. 1 308 591	229 910	1 078 682	3
		1999.. 1 300 546	239 454	1 061 092	3
		1998.. 1 306 994	270 001	1 036 992	3
		1997.. 1 179 399	263 529	915 870	X
311511	Fluid milk mfg.....	2000.. 542 800	85 678	457 123	5
		1999.. 556 195	106 089	450 106	5
		1998.. 474 903	109 932	364 971	7
		1997.. 423 487	99 007	324 480	X
311512	Creamery butter mfg.....	2000.. 8 173	393	7 780	10
		1999.. 10 871	1 178	9 693	6
		1998.. 10 057	1 282	8 776	41
		1997.. 8 522	637	7 885	X
311513	Cheese mfg.....	2000.. 417 310	60 891	356 419	4
		1999.. 512 979	82 032	430 947	5
		1998.. 437 114	71 112	366 002	3
		1997.. 478 340	89 155	389 185	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
311	Food mfg—Con.				
3115	Dairy product mfg—Con.				
31151	Dairy product (except frozen) mfg—Con.				
311514	Dry, condensed, & evaporated dairy product mfg .....	2000.. 340 307	82 948	257 359	7
		1999.. 220 501	50 155	170 346	5
		1998.. 384 919	87 676	297 243	7
		1997.. 269 050	74 730	194 320	X
31152	Ice cream & frozen dessert mfg .....	2000.. 152 557	16 398	136 159	7
		1999.. 134 768	18 917	115 851	4
		1998.. 185 200	19 913	165 287	15
		1997.. 157 887	34 849	123 038	X
311520	Ice cream & frozen dessert mfg .....	2000.. 152 557	16 398	136 159	7
		1999.. 134 768	18 917	115 851	4
		1998.. 185 200	19 913	165 287	15
		1997.. 157 887	34 849	123 038	X
3116	Meat product mfg .....	2000.. 2 308 030	575 584	1 732 446	3
		1999.. 2 107 587	470 386	1 637 201	3
		1998.. 1 653 656	348 163	1 305 493	2
		1997.. 1 799 220	416 476	1 382 744	X
31161	Animal slaughtering & processing .....	2000.. 2 308 030	575 584	1 732 446	3
		1999.. 2 107 587	470 386	1 637 201	3
		1998.. 1 653 656	348 163	1 305 493	2
		1997.. 1 799 220	416 476	1 382 744	X
311611	Animal (except poultry) slaughtering .....	2000.. 601 321	167 502	433 819	5
		1999.. 484 456	154 358	330 098	6
		1998.. 431 533	96 506	335 027	2
		1997.. 533 909	122 079	411 830	X
311612	Meat processed from carcasses .....	2000.. 710 169	124 816	585 353	6
		1999.. 656 887	167 254	489 632	7
		1998.. 478 442	103 468	374 974	4
		1997.. 526 880	145 126	381 754	X
311613	Rendering & meat byproduct processing .....	2000.. 125 136	23 691	101 444	12
		1999.. 127 852	11 993	115 859	11
		1998.. 103 655	24 662	78 993	12
		1997.. 114 353	13 328	101 025	X
311615	Poultry processing .....	2000.. 871 405	259 575	611 830	4
		1999.. 838 393	136 780	701 613	2
		1998.. 640 027	123 528	516 500	1
		1997.. 624 078	135 943	488 135	X
3117	Seafood product preparation & packaging .....	2000.. 173 740	41 510	132 230	7
		1999.. 189 475	56 129	133 346	16
		1998.. 133 126	17 473	115 653	12
		1997.. 175 210	29 408	145 802	X
31171	Seafood product preparation & packaging .....	2000.. 173 740	41 510	132 230	7
		1999.. 189 475	56 129	133 346	16
		1998.. 133 126	17 473	115 653	12
		1997.. 175 210	29 408	145 802	X
311711	Seafood canning .....	2000.. 25 141	5 636	19 505	27
		1999.. 15 648	2 140	13 508	16
		1998.. 12 022	701	11 321	9
		1997.. 21 599	4 380	17 219	X
311712	Fresh & frozen seafood processing .....	2000.. 148 599	35 875	112 725	7
		1999.. 173 827	53 989	119 838	17
		1998.. 121 104	16 772	104 332	14
		1997.. 153 611	25 028	128 583	X
3118	Bakeries & tortilla mfg .....	2000.. 1 712 891	265 970	1 446 920	3
		1999.. 2 161 264	400 994	1 760 270	7
		1998.. 1 597 599	309 072	1 288 527	5
		1997.. 1 440 509	288 865	1 151 644	X
31181	Bread & bakery product mfg .....	2000.. 1 126 183	190 171	936 012	4
		1999.. 1 412 757	308 920	1 103 837	10
		1998.. 1 013 666	210 274	803 392	6
		1997.. 889 114	203 664	685 450	X
311811	Retail bakeries .....	2000.. 137 253	26 163	111 090	10
		1999.. 158 683	21 777	136 906	30
		1998.. 79 535	16 692	62 843	6
		1997.. 75 760	15 353	60 407	X
311812	Commercial bakeries .....	2000.. 770 725	133 097	637 629	6
		1999.. 1 106 487	252 321	854 166	12
		1998.. 830 797	178 655	652 143	7
		1997.. 724 834	166 209	558 625	X
311813	Frozen cakes, pies, & other pastries mfg .....	2000.. 218 205	30 912	187 293	5
		1999.. 147 588	34 822	112 765	4
		1998.. 103 334	14 927	88 406	9
		1997.. 88 520	22 102	66 418	X
31182	Cookie, cracker, & pasta mfg .....	2000.. 549 501	70 717	478 785	4
		1999.. 703 540	85 784	617 756	3
		1998.. 549 384	92 325	457 059	8
		1997.. 502 084	76 929	425 155	X
311821	Cookie & cracker mfg .....	2000.. 308 684	32 438	276 246	6
		1999.. 426 126	29 140	396 986	4
		1998.. 340 810	36 760	304 050	12
		1997.. 300 040	28 487	271 553	X

See footnotes at end of table.



**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
311	Food mfg—Con.				
3118	Bakeries & tortilla mfg—Con.				
31182	Cookie, cracker, & pasta mfg—Con.				
311822	Flour mixes & dough mfg from purchased flour .....	2000.. 189 118	34 067	155 051	6
		1999.. 158 870	38 999	119 871	5
		1998.. 176 877	53 578	123 299	2
		1997.. 158 993	43 862	115 131	X
311823	Dry pasta mfg .....	2000.. 51 700	4 212	47 488	6
		1999.. 118 544	17 645	100 899	1
		1998.. 31 697	1 987	29 710	1
		1997.. 43 051	4 580	38 471	X
31183	Tortilla mfg .....	2000.. 37 207	5 083	32 123	7
		1999.. 44 967	6 290	38 677	9
		1998.. 34 549	6 473	28 075	17
		1997.. 49 311	8 272	41 039	X
311830	Tortilla mfg .....	2000.. 37 207	5 083	32 123	7
		1999.. 44 967	6 290	38 677	9
		1998.. 34 549	6 473	28 075	17
		1997.. 49 311	8 272	41 039	X
3119	Other food mfg .....	2000.. 1 663 456	270 666	1 392 790	2
		1999.. 1 654 223	318 742	1 335 482	3
		1998.. 1 662 682	363 073	1 299 609	6
		1997.. 1 452 928	274 663	1 178 265	X
31191	Snack food mfg .....	2000.. 717 482	108 373	609 109	2
		1999.. 682 315	122 260	560 054	5
		1998.. 777 030	189 957	587 074	7
		1997.. 488 371	75 565	412 806	X
311911	Roasted nuts & peanut butter mfg .....	2000.. 96 212	18 312	77 900	5
		1999.. 63 558	9 957	53 601	6
		1998.. 103 893	15 291	88 602	12
		1997.. 81 964	9 994	71 970	X
311919	Other snack food mfg .....	2000.. 621 270	90 061	531 209	3
		1999.. 618 757	112 303	506 454	6
		1998.. 673 137	174 666	498 472	8
		1997.. 406 407	65 571	340 836	X
31192	Coffee & tea mfg .....	2000.. 193 110	15 138	177 972	6
		1999.. 179 062	15 008	164 053	5
		1998.. 143 583	10 880	132 703	4
		1997.. 166 837	11 979	154 858	X
311920	Coffee & tea mfg .....	2000.. 193 110	15 138	177 972	6
		1999.. 179 062	15 008	164 053	5
		1998.. 143 583	10 880	132 703	4
		1997.. 166 837	11 979	154 858	X
31193	Flavoring syrup & concentrate mfg .....	2000.. 64 038	18 082	45 956	12
		1999.. 92 437	21 065	71 372	10
		1998.. 79 272	11 821	67 451	1
		1997.. 144 097	48 101	95 996	X
311930	Flavoring syrup & concentrate mfg .....	2000.. 64 038	18 082	45 956	12
		1999.. 92 437	21 065	71 372	10
		1998.. 79 272	11 821	67 451	1
		1997.. 144 097	48 101	95 996	X
31194	Seasoning & dressing mfg .....	2000.. 282 195	51 336	230 859	4
		1999.. 284 218	79 399	204 819	5
		1998.. 203 552	40 109	163 443	17
		1997.. 255 077	59 958	195 119	X
311941	Mayonnaise, dressing, & other prepared sauce mfg .....	2000.. 147 365	13 726	133 639	6
		1999.. 141 367	25 312	116 056	7
		1998.. 84 963	20 735	64 227	8
		1997.. 139 688	21 136	118 552	X
311942	Spice & extract mfg .....	2000.. 134 830	37 610	97 220	4
		1999.. 142 851	54 088	88 763	7
		1998.. 118 589	19 374	99 215	28
		1997.. 115 389	38 822	76 567	X
31199	All other food mfg .....	2000.. 406 630	77 738	328 893	5
		1999.. 416 192	81 009	335 183	6
		1998.. 459 245	110 306	348 939	15
		1997.. 398 546	79 060	319 486	X
311991	Perishable prepared food mfg .....	2000.. 141 709	34 729	106 980	12
		1999.. 130 628	26 631	103 997	11
		1998.. 171 584	33 992	137 592	38
		1997.. 124 442	21 186	103 256	X
311999	All other miscellaneous food mfg .....	2000.. 264 921	43 008	221 913	6
		1999.. 285 564	54 378	231 186	6
		1998.. 287 661	76 314	211 347	5
		1997.. 274 104	57 874	216 230	X
312	Beverage & tobacco product mfg .....	2000.. 2 765 736	474 158	2 291 578	4
		1999.. 2 594 353	434 306	2 160 046	4
		1998.. 2 566 367	475 239	2 091 127	6
		1997.. 3 100 543	429 692	2 670 851	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry		Total	Buildings and other structures	Machinery and equipment	Relative standard
			(\$1,000)	(\$1,000)	(\$1,000)	error of estimate <sup>1</sup> (percent) for column—
			A	B	C	A
312	Beverage & tobacco product mfg—Con.					
3121	Beverage mfg .....	2000..	2 551 248	441 756	2 109 492	4
		1999..	2 284 604	370 352	1 914 251	4
		1998..	2 221 883	402 346	1 819 536	7
		1997..	2 381 973	359 550	2 022 423	X
31211	Soft drink & ice mfg .....	2000..	1 194 647	199 626	995 021	8
		1999..	1 030 009	144 046	885 963	8
		1998..	957 625	122 032	835 593	5
		1997..	913 319	127 550	785 769	X
312111	Soft drink mfg .....	2000..	901 899	148 715	753 184	4
		1999..	802 349	100 956	701 394	4
		1998..	877 411	108 511	768 901	5
		1997..	832 284	110 674	721 610	X
312112	Bottled water mfg .....	2000..	258 794	48 982	209 812	34
		1999..	196 972	41 361	155 611	41
		1998..	56 330	12 353	43 977	21
		1997..	47 508	12 653	34 855	X
312113	Ice mfg .....	2000..	33 954	1 929	32 025	11
		1999..	30 688	1 729	28 958	16
		1998..	23 883	1 168	22 715	33
		1997..	33 527	4 223	29 304	X
31212	Breweries .....	2000..	907 477	107 911	799 566	5
		1999..	737 403	80 986	656 418	1
		1998..	783 247	167 570	615 677	17
		1997..	1 021 428	147 320	874 108	X
312120	Breweries .....	2000..	907 477	107 911	799 566	5
		1999..	737 403	80 986	656 418	1
		1998..	783 247	167 570	615 677	17
		1997..	1 021 428	147 320	874 108	X
31213	Wineries .....	2000..	366 735	116 478	250 257	8
		1999..	435 511	125 591	309 920	6
		1998..	424 075	97 799	326 276	11
		1997..	371 286	67 722	303 564	X
312130	Wineries .....	2000..	366 735	116 478	250 257	8
		1999..	435 511	125 591	309 920	6
		1998..	424 075	97 799	326 276	11
		1997..	371 286	67 722	303 564	X
31214	Distilleries .....	2000..	82 389	17 740	64 649	30
		1999..	81 680	19 729	61 950	35
		1998..	56 936	14 946	41 990	7
		1997..	75 940	16 958	58 982	X
312140	Distilleries .....	2000..	82 389	17 740	64 649	30
		1999..	81 680	19 729	61 950	35
		1998..	56 936	14 946	41 990	7
		1997..	75 940	16 958	58 982	X
3122	Tobacco mfg .....	2000..	214 489	32 402	182 086	6
		1999..	309 749	63 954	245 795	1
		1998..	344 484	72 893	271 591	1
		1997..	718 570	70 142	648 428	X
31221	Tobacco stemming & redrying .....	2000..	16 131	2 463	13 668	1
		1999..	26 087	4 056	22 031	1
		1998..	28 046	2 278	25 768	1
		1997..	26 637	6 061	20 576	X
312210	Tobacco stemming & redrying .....	2000..	16 131	2 463	13 668	1
		1999..	26 087	4 056	22 031	1
		1998..	28 046	2 278	25 768	1
		1997..	26 637	6 061	20 576	X
31222	Tobacco product mfg .....	2000..	198 358	29 939	168 418	6
		1999..	283 662	59 898	223 764	1
		1998..	316 438	70 615	245 823	1
		1997..	691 933	64 081	627 852	X
312221	Cigarette mfg .....	2000..	136 419	20 345	116 074	1
		1999..	221 798	25 947	195 851	1
		1998..	276 184	56 114	220 070	1
		1997..	622 688	39 248	583 440	X
312229	Other tobacco product mfg .....	2000..	61 939	9 594	52 344	20
		1999..	61 864	33 951	27 913	3
		1998..	40 254	14 501	25 753	1
		1997..	69 245	24 833	44 412	X
313	Textile mills .....	2000..	1 784 862	195 148	1 589 714	3
		1999..	2 204 411	313 268	1 891 143	3
		1998..	2 370 593	279 523	2 091 070	3
		1997..	2 691 704	384 572	2 307 132	X
3131	Fiber, yarn, & thread mills .....	2000..	441 366	59 594	381 773	7
		1999..	472 293	56 922	415 371	10
		1998..	510 742	96 222	414 520	4
		1997..	537 037	73 155	463 882	X
31311	Fiber, yarn, & thread mills .....	2000..	441 366	59 594	381 773	10
		1999..	472 293	56 922	415 371	7
		1998..	510 742	96 222	414 520	4
		1997..	537 037	73 155	463 882	X
313111	Yarn spinning mills .....	2000..	325 032	51 158	273 874	12
		1999..	343 810	47 056	296 755	10
		1998..	340 701	63 732	276 969	3
		1997..	432 027	56 376	375 651	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
313	Textile mills—Con.				
3131	Fiber, yarn, & thread mills—Con.				
31311	Fiber, yarn, & thread mills—Con.				
313112	Yarn texturing, throwing, & twisting mills .....	2000.. 106 554	7 967	98 587	11
		1999.. 117 712	7 323	110 389	4
		1998.. 154 090	31 923	122 167	9
		1997.. 86 329	14 790	71 539	X
313113	Thread mills .....	2000.. 9 781	469	9 312	18
		1999.. 10 771	2 543	8 227	7
		1998.. 15 951	567	15 384	3
		1997.. 18 681	1 989	16 692	X
3132	Fabric mills .....	2000.. 929 956	88 794	841 161	3
		1999.. 1 283 911	210 325	1 073 586	4
		1998.. 1 339 150	117 493	1 221 657	2
		1997.. 1 491 377	170 953	1 320 424	X
31321	Broadwoven fabric mills .....	2000.. 499 250	51 343	447 907	3
		1999.. 753 344	143 454	609 890	4
		1998.. 835 809	78 029	757 780	3
		1997.. 894 514	105 056	789 458	X
313210	Broadwoven fabric mills .....	2000.. 499 250	51 343	447 907	3
		1999.. 753 344	143 454	609 890	4
		1998.. 835 809	78 029	757 780	3
		1997.. 894 514	105 056	789 458	X
31322	Narrow fabric mills & schiffli machine embroidery .....	2000.. 79 761	20 797	58 964	8
		1999.. 64 393	15 130	49 263	10
		1998.. 76 273	12 754	63 518	11
		1997.. 77 104	13 389	63 715	X
313221	Narrow fabric mills .....	2000.. 71 661	18 420	53 241	5
		1999.. 60 111	14 357	45 754	11
		1998.. 72 309	12 552	59 757	11
		1997.. 71 807	12 618	59 189	X
313222	Schiffli machine embroidery .....	2000.. 8 100	2 378	5 722	63
		1999.. 4 282	773	3 509	34
		1998.. 3 963	202	3 761	38
		1997.. 5 297	771	4 526	X
31323	Nonwoven fabric mills .....	2000.. 250 084	11 469	238 615	9
		1999.. 285 112	22 921	262 191	8
		1998.. 246 106	12 139	233 966	7
		1997.. 301 194	24 081	277 113	X
313230	Nonwoven fabric mills .....	2000.. 250 084	11 469	238 615	9
		1999.. 285 112	22 921	262 191	8
		1998.. 246 106	12 139	233 966	7
		1997.. 301 194	24 081	277 113	X
31324	Knit fabric mills .....	2000.. 100 860	5 185	95 676	9
		1999.. 181 062	28 820	152 242	19
		1998.. 180 963	14 570	166 393	3
		1997.. 218 565	28 427	190 138	X
313241	Weft knit fabric mills .....	2000.. 47 037	1 426	45 611	8
		1999.. 66 109	6 415	59 694	8
		1998.. 82 510	8 578	73 931	6
		1997.. 105 808	11 314	94 494	X
313249	Other knit fabric & lace mills .....	2000.. 53 824	3 759	50 065	15
		1999.. 114 953	22 405	92 549	30
		1998.. 98 454	5 992	92 461	4
		1997.. 112 757	17 113	95 644	X
3133	Textile & fabric finishing & fabric coating mills .....	2000.. 413 540	46 760	366 780	7
		1999.. 448 207	46 021	402 186	5
		1998.. 520 701	65 808	454 893	5
		1997.. 663 290	140 464	522 826	X
31331	Textile & fabric finishing mills .....	2000.. 316 216	31 094	285 121	9
		1999.. 362 491	30 998	331 493	7
		1998.. 473 834	63 748	410 086	5
		1997.. 589 359	128 302	461 057	X
313311	Broadwoven fabric finishing mills .....	2000.. 195 838	14 420	181 418	11
		1999.. 200 463	10 556	189 908	9
		1998.. 287 037	37 783	249 255	7
		1997.. 311 220	45 873	265 347	X
313312	Textile & fabric finishing mills .....	2000.. 120 378	16 674	103 704	13
		1999.. 162 028	20 443	141 586	9
		1998.. 186 797	25 965	160 832	5
		1997.. 278 139	82 429	195 710	X
31332	Fabric coating mills .....	2000.. 97 325	15 666	81 659	9
		1999.. 85 716	15 023	70 693	7
		1998.. 46 867	2 060	44 806	31
		1997.. 73 931	12 162	61 769	X
313320	Fabric coating mills .....	2000.. 97 325	15 666	81 659	9
		1999.. 85 716	15 023	70 693	7
		1998.. 46 867	2 060	44 806	31
		1997.. 73 931	12 162	61 769	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total (\$1,000)	Buildings and other structures (\$1,000)	Machinery and equipment (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
					A	
314	Textile product mills.....	2000..	652 411	63 715	588 696	3
		1999..	718 435	59 958	658 477	6
		1998..	710 405	105 800	604 605	7
		1997..	718 728	126 292	592 436	X
3141	Textile furnishings mills.....	2000..	351 831	25 712	326 119	2
		1999..	362 256	33 647	328 608	7
		1998..	386 702	61 431	325 271	5
		1997..	356 404	69 051	287 353	X
31411	Carpet & rug mills .....	2000..	197 640	11 328	186 312	3
		1999..	184 522	11 767	172 756	14
		1998..	228 121	33 958	194 163	4
		1997..	208 413	37 809	170 604	X
314110	Carpet & rug mills .....	2000..	197 640	11 328	186 312	3
		1999..	184 522	11 767	172 756	14
		1998..	228 121	33 958	194 163	4
		1997..	208 413	37 809	170 604	X
31412	Curtain & linen mills.....	2000..	154 191	14 383	139 808	4
		1999..	177 733	21 881	155 853	4
		1998..	158 580	27 473	131 108	11
		1997..	147 991	31 242	116 749	X
314121	Curtain & drapery mills .....	2000..	43 807	2 982	40 825	13
		1999..	39 316	8 480	30 836	5
		1998..	27 050	4 049	23 001	8
		1997..	32 690	7 587	25 103	X
314129	Other household textile product mills .....	2000..	110 384	11 402	98 983	3
		1999..	138 417	13 401	125 016	4
		1998..	131 530	23 423	108 106	14
		1997..	115 301	23 655	91 646	X
3149	Other textile product mills.....	2000..	300 580	38 004	262 576	6
		1999..	356 179	26 311	329 869	9
		1998..	323 704	44 369	279 334	15
		1997..	362 324	57 241	305 083	X
31491	Textile bag & canvas mills .....	2000..	88 049	16 963	71 086	12
		1999..	73 487	13 192	60 296	11
		1998..	46 779	4 023	42 755	13
		1997..	63 526	6 519	57 007	X
314911	Textile bag mills .....	2000..	17 595	404	17 191	20
		1999..	17 656	1 189	16 467	10
		1998..	16 753	1 514	15 239	21
		1997..	19 034	3 299	15 735	X
314912	Canvas & related product mills .....	2000..	70 455	16 560	53 895	14
		1999..	55 831	12 003	43 828	14
		1998..	30 025	2 510	27 516	16
		1997..	44 492	3 220	41 272	X
31499	All other textile product mills .....	2000..	212 531	21 041	191 490	7
		1999..	282 692	13 119	269 573	11
		1998..	276 925	40 346	236 579	17
		1997..	298 798	50 722	248 076	X
314991	Rope, cordage, & twine mills .....	2000..	20 338	1 406	18 932	8
		1999..	20 707	1 354	19 353	10
		1998..	16 156	1 679	14 477	18
		1997..	25 018	6 773	18 245	X
314992	Tire cord & tire fabric mills .....	2000..	61 117	2 412	58 705	1
		1999..	70 790	3 162	67 628	1
		1998..	40 189	4 627	35 562	9
		1997..	67 251	11 194	56 057	X
314999	All other miscellaneous textile product mills .....	2000..	131 076	17 223	113 853	12
		1999..	191 195	8 603	182 592	16
		1998..	220 579	34 039	186 540	22
		1997..	206 529	32 755	173 774	X
315	Apparel mfg .....	2000..	974 499	158 682	815 817	3
		1999..	985 620	161 628	823 992	3
		1998..	935 402	172 187	763 215	3
		1997..	941 178	224 954	716 224	X
3151	Apparel knitting mills .....	2000..	201 380	11 125	190 255	7
		1999..	213 565	11 594	201 970	8
		1998..	181 518	21 870	159 647	10
		1997..	238 122	34 421	203 701	X
31511	Hosiery & sock mills .....	2000..	143 088	7 363	135 724	9
		1999..	148 858	6 512	142 347	10
		1998..	87 924	5 475	82 449	5
		1997..	129 522	20 130	109 392	X
315111	Sheer hosiery mills .....	2000..	62 910	3 134	59 776	17
		1999..	54 547	2 470	52 078	11
		1998..	20 621	1 572	19 048	9
		1997..	37 397	4 064	33 333	X
315119	Other hosiery & sock mills .....	2000..	80 178	4 229	75 949	9
		1999..	94 311	4 042	90 269	14
		1998..	67 304	3 903	63 401	5
		1997..	92 125	16 066	76 059	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
315	Apparel mfg—Con.				
3151	Apparel knitting mills—Con.				
31519	Other apparel knitting mills .....	2000.. 58 292	3 761	54 531	7
		1999.. 64 706	5 083	59 624	13
		1998.. 93 594	16 395	77 198	19
		1997.. 108 600	14 291	94 309	X
315191	Outerwear knitting mills .....	2000.. 44 577	2 936	41 641	10
		1999.. 50 090	3 430	46 660	17
		1998.. 76 666	15 043	61 622	23
		1997.. 90 355	11 280	79 075	X
315192	Underwear & nightwear knitting mills .....	2000.. 13 716	825	12 890	3
		1999.. 14 617	1 653	12 964	3
		1998.. 16 928	1 352	15 576	4
		1997.. 18 245	3 011	15 234	X
3152	Cut & sew apparel mfg .....	2000.. 707 254	123 717	583 537	3
		1999.. 715 940	140 665	575 275	3
		1998.. 674 244	141 758	532 486	2
		1997.. 629 588	177 746	451 842	X
31521	Cut & sew apparel contractors .....	2000.. 98 319	9 300	89 019	12
		1999.. 99 954	16 211	83 743	7
		1998.. 118 281	18 002	100 279	9
		1997.. 142 103	32 760	109 343	X
315211	Men's & boys' cut & sew apparel contractors ...	2000.. 23 340	1 117	22 223	8
		1999.. 28 374	4 174	24 200	6
		1998.. 51 748	7 432	44 316	17
		1997.. 30 187	5 966	24 221	X
315212	Women's, girls', & infants' cut & sew apparel contractors .....	2000.. 74 978	8 182	66 796	16
		1999.. 71 580	12 037	59 543	10
		1998.. 66 533	10 570	55 963	10
		1997.. 111 916	26 794	85 122	X
31522	Men's & boys' cut & sew apparel mfg .....	2000.. 189 663	36 349	153 314	5
		1999.. 193 494	37 251	156 243	4
		1998.. 193 136	32 756	160 380	3
		1997.. 209 392	50 642	158 750	X
315221	Men's & boys' cut & sew underwear & nightwear mfg.....	2000.. 8 709	872	7 837	7
		1999.. 11 169	2 747	8 422	7
		1998.. 7 677	3 043	4 633	25
		1997.. 7 804	1 360	6 444	X
315222	Men's & boys' cut & sew suit, coat, & overcoat mfg .....	2000.. 20 036	9 146	10 890	33
		1999.. 15 526	991	14 535	23
		1998.. 16 505	3 042	13 463	19
		1997.. 16 227	3 591	12 636	X
315223	Men's & boys' cut & sew shirt (exc work shirt) mfg .....	2000.. 76 184	6 796	69 387	6
		1999.. 79 093	14 244	64 848	5
		1998.. 72 501	15 338	57 164	4
		1997.. 62 023	10 369	51 654	X
315224	Men's & boys' cut & sew trouser, slack, & jean mfg .....	2000.. 43 038	11 733	31 305	6
		1999.. 47 589	10 555	37 033	6
		1998.. 64 463	6 959	57 504	2
		1997.. 52 313	10 184	42 129	X
315225	Men's & boys' cut & sew work clothing mfg ....	2000.. 18 875	1 129	17 747	8
		1999.. 18 699	1 073	17 626	11
		1998.. 18 981	936	18 044	7
		1997.. 29 670	11 945	17 725	X
315228	Men's & boys' cut & sew other outerwear mfg ..	2000.. 22 820	6 673	16 148	15
		1999.. 21 418	7 640	13 778	14
		1998.. 13 010	3 438	9 572	8
		1997.. 41 355	13 193	28 162	X
31523	Women's & girls' cut & sew apparel mfg .....	2000.. 372 052	73 142	298 910	5
		1999.. 388 229	81 878	306 350	4
		1998.. 319 523	88 046	231 477	2
		1997.. 250 071	87 512	162 559	X
315231	Women's & girls' cut/sew lingerie & nightwear mfg .....	2000.. 15 806	3 170	12 635	16
		1999.. 24 013	7 672	16 340	16
		1998.. 19 714	3 577	16 137	11
		1997.. 21 456	5 419	16 037	X
315232	Women's & girls' cut & sew blouse & shirt mfg .....	2000.. 130 764	8 691	122 073	11
		1999.. 92 731	8 320	84 411	13
		1998.. 136 573	22 228	114 344	3
		1997.. 31 317	7 068	24 249	X
315233	Women's & girls' cut & sew dress mfg .....	2000.. 59 232	25 401	33 831	7
		1999.. 84 040	35 267	48 772	8
		1998.. 91 046	39 339	51 707	6
		1997.. 41 826	12 695	29 131	X
315234	Women's & girls' cut & sew suit, coat, skirt mfg .....	2000.. 10 576	2 792	7 784	11
		1999.. 13 043	2 599	10 444	13
		1998.. 29 519	15 865	13 653	7
		1997.. 22 238	6 889	15 349	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
315	Apparel mfg—Con.				
3152	Cut & sew apparel mfg—Con.				
31523	Women's & girls' cut & sew apparel mfg—Con.				
315239	Women's & girls' cut & sew other outerwear mfg .....	2000.. 155 675	33 088	122 587	6
		1999.. 174 403	28 020	146 383	3
		1998.. 42 673	7 037	35 636	6
		1997.. 133 234	55 441	77 793	X
31529	Other cut & sew apparel mfg .....	2000.. 47 220	4 927	42 294	5
		1999.. 34 262	5 324	28 938	7
		1998.. 43 304	2 954	40 350	10
		1997.. 28 022	6 832	21 190	X
315291	Infants' cut & sew apparel mfg .....	2000.. 8 567	617	7 950	3
		1999.. 13 005	1 632	11 373	6
		1998.. 25 384	2 354	23 030	2
		1997.. 7 612	1 717	5 895	X
315292	Fur & leather apparel mfg .....	2000.. 5 985	—	5 985	32
		1999.. 1 667	102	1 565	23
		1998.. 1 364	221	1 143	40
		1997.. 3 412	309	3 103	X
315299	All other cut & sew apparel mfg .....	2000.. 32 668	4 310	28 358	5
		1999.. 19 590	3 590	16 000	12
		1998.. 16 556	380	16 176	24
		1997.. 16 998	4 806	12 192	X
3159	Apparel accessories & other apparel mfg .....	2000.. 65 864	23 840	42 025	9
		1999.. 56 116	9 369	46 746	6
		1998.. 79 640	8 558	71 082	15
		1997.. 73 468	12 787	60 681	X
31599	Apparel accessories & other apparel mfg .....	2000.. 65 864	23 840	42 025	9
		1999.. 56 116	9 369	46 746	6
		1998.. 79 640	8 558	71 082	15
		1997.. 73 468	12 787	60 681	X
315991	Hat, cap, & millinery mfg .....	2000.. 26 137	9 340	16 796	14
		1999.. 19 491	2 434	17 057	11
		1998.. 15 712	1 800	13 912	12
		1997.. 18 687	4 878	13 809	X
315992	Glove & mitten mfg .....	2000.. 3 440	913	2 527	7
		1999.. 5 464	231	5 233	3
		1998.. 7 978	236	7 742	9
		1997.. 7 684	1 163	6 521	X
315993	Men's & boys' neckwear mfg .....	2000.. 8 004	4 629	3 375	47
		1999.. 2 761	6	2 754	26
		1998.. 2 140	20	2 120	37
		1997.. 3 623	403	3 220	X
315999	Other apparel accessories & other apparel mfg .....	2000.. 28 284	8 958	19 325	6
		1999.. 28 400	6 697	21 702	9
		1998.. 53 810	6 502	47 308	22
		1997.. 43 474	6 343	37 131	X
316	Leather & allied product mfg .....	2000.. 156 022	15 864	140 158	11
		1999.. 154 355	16 399	137 956	10
		1998.. 136 132	19 712	116 420	7
		1997.. 167 254	24 896	142 358	X
3161	Leather & hide tanning & finishing .....	2000.. 47 146	3 989	43 157	14
		1999.. 43 084	2 174	40 910	12
		1998.. 49 748	6 786	42 962	17
		1997.. 63 089	8 269	54 820	X
31611	Leather & hide tanning & finishing .....	2000.. 47 146	3 989	43 157	14
		1999.. 43 084	2 174	40 910	12
		1998.. 49 748	6 786	42 962	17
		1997.. 63 089	8 269	54 820	X
316110	Leather & hide tanning & finishing .....	2000.. 47 146	3 989	43 157	14
		1999.. 43 084	2 174	40 910	12
		1998.. 49 748	6 786	42 962	17
		1997.. 63 089	8 269	54 820	X
3162	Footwear mfg .....	2000.. 38 571	3 863	34 709	6
		1999.. 55 607	10 154	45 453	11
		1998.. 46 356	8 629	37 727	8
		1997.. 53 912	9 142	44 770	X
31621	Footwear mfg .....	2000.. 38 571	3 863	34 709	6
		1999.. 55 607	10 154	45 453	11
		1998.. 46 356	8 629	37 727	8
		1997.. 53 912	9 142	44 770	X
316211	Rubber & plastics footwear mfg .....	2000.. 13 810	980	12 830	16
		1999.. 15 992	2 075	13 917	19
		1998.. 8 501	1 549	6 952	5
		1997.. 19 850	3 736	16 114	X
316212	House slipper mfg .....	2000.. 2 609	283	2 326	1
		1999.. 2 579	297	2 282	1
		1998.. 1 595	139	1 456	40
		1997.. 2 247	352	1 895	X
316213	Men's footwear (except athletic) mfg .....	2000.. 17 010	1 994	15 015	5
		1999.. 28 383	6 953	21 430	18
		1998.. 25 067	5 283	19 785	11
		1997.. 22 764	3 810	18 954	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
316	Leather & allied product mfg—Con.				
3162	Footwear mfg—Con.				
31621	Footwear mfg—Con.				
316214	Women's footwear (except athletic) mfg .....	2000.. 2 635	387	2 249	20
		1999.. 6 250	605	5 644	9
		1998.. 7 949	1 350	6 599	28
		1997.. 5 162	767	4 395	X
316219	Other footwear mfg .....	2000.. 2 508	219	2 289	9
		1999.. 2 404	224	2 180	8
		1998.. 3 244	308	2 935	24
		1997.. 3 889	477	3 412	X
3169	Other leather & allied product mfg .....	2000.. 70 304	8 013	62 291	23
		1999.. 55 664	4 071	51 593	24
		1998.. 40 029	4 297	35 732	6
		1997.. 50 253	7 485	42 768	X
31699	Other leather & allied product mfg .....	2000.. 70 304	8 013	62 291	23
		1999.. 55 664	4 071	51 593	24
		1998.. 40 029	4 297	35 732	6
		1997.. 50 253	7 485	42 768	X
316991	Luggage mfg .....	2000.. 39 179	2 912	36 266	37
		1999.. 33 614	2 387	31 227	40
		1998.. 16 487	2 387	14 101	2
		1997.. 18 943	3 163	15 780	X
316992	Women's handbag & purse mfg .....	2000.. 1 943	84	1 858	4
		1999.. 2 361	21	2 340	4
		1998.. 1 274	464	810	16
		1997.. 4 415	1 357	3 058	X
316993	Personal leather good (except women's handbag & purse) mfg .....	2000.. 7 132	1 332	5 801	3
		1999.. 5 000	907	4 093	8
		1998.. 5 338	960	4 378	26
		1997.. 6 357	390	5 967	X
316999	All other leather good mfg .....	2000.. 22 051	3 685	18 366	35
		1999.. 14 688	756	13 932	8
		1998.. 16 930	486	16 443	12
		1997.. 20 538	2 575	17 963	X
321	Wood product mfg .....	2000.. 3 083 369	545 873	2 537 496	3
		1999.. 3 109 640	526 700	2 582 939	3
		1998.. 2 799 207	508 413	2 290 794	3
		1997.. 2 869 234	544 270	2 324 964	X
3211	Sawmills & wood preservation .....	2000.. 1 108 116	164 459	943 657	4
		1999.. 1 105 689	143 060	962 629	7
		1998.. 1 113 268	130 346	982 921	5
		1997.. 1 161 016	176 003	985 013	X
32111	Sawmills & wood preservation .....	2000.. 1 108 116	164 459	943 657	4
		1999.. 1 105 689	143 060	962 629	7
		1998.. 1 113 268	130 346	982 921	5
		1997.. 1 161 016	176 003	985 013	X
321113	Sawmills .....	2000.. 1 026 248	146 071	880 178	4
		1999.. 1 030 106	125 042	905 064	7
		1998.. 1 041 165	115 851	925 315	5
		1997.. 1 079 446	153 007	926 439	X
321114	Wood preservation .....	2000.. 81 868	18 388	63 480	11
		1999.. 75 583	18 018	57 565	6
		1998.. 72 102	14 495	57 607	23
		1997.. 81 570	22 996	58 574	X
3212	Veneer, plywood, & engineered wood product mfg ..	2000.. 755 564	91 459	664 105	6
		1999.. 814 270	88 084	726 186	5
		1998.. 664 268	108 936	555 332	4
		1997.. 762 558	99 122	663 436	X
32121	Veneer, plywood, & engineered wood product mfg .....	2000.. 755 564	91 459	664 105	6
		1999.. 814 270	88 084	726 186	5
		1998.. 664 268	108 936	555 332	4
		1997.. 762 558	99 122	663 436	X
321211	Hardwood veneer & plywood mfg .....	2000.. 178 756	45 391	133 365	22
		1999.. 100 397	14 624	85 773	11
		1998.. 76 627	20 179	56 449	30
		1997.. 71 305	11 553	59 752	X
321212	Softwood veneer & plywood mfg .....	2000.. 111 874	8 894	102 980	3
		1999.. 190 274	15 446	174 828	13
		1998.. 129 913	19 745	110 169	5
		1997.. 163 510	12 566	150 944	X
321213	Engineered wood member (except truss) mfg ..	2000.. 59 991	5 771	54 220	31
		1999.. 84 216	8 755	75 461	19
		1998.. 69 985	14 009	55 976	1
		1997.. 53 742	18 019	35 723	X
321214	Truss mfg .....	2000.. 122 446	18 736	103 710	8
		1999.. 127 008	29 167	97 841	9
		1998.. 98 109	19 687	78 422	15
		1997.. 84 398	17 390	67 008	X
321219	Reconstituted wood product mfg .....	2000.. 282 496	12 668	269 828	5
		1999.. 312 375	20 092	292 283	4
		1998.. 289 633	35 316	254 317	1
		1997.. 389 603	39 594	350 009	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry		Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
			(\$1,000)	(\$1,000)	(\$1,000)	
			A	B	C	A
321	Wood product mfg—Con.					
3219	Other wood product mfg .....	2000..	1 219 690	289 955	929 735	4
		1999..	1 189 681	295 556	894 125	6
		1998..	1 021 671	269 131	752 540	5
		1997..	945 660	269 145	676 515	X
32191	Millwork .....	2000..	708 294	148 557	559 737	6
		1999..	687 400	150 555	536 846	9
		1998..	542 576	111 042	431 533	8
		1997..	469 484	92 286	377 198	X
321911	Wood window & door mfg .....	2000..	386 629	80 767	305 862	8
		1999..	299 066	58 644	240 421	9
		1998..	231 935	54 030	177 905	10
		1997..	204 866	40 660	164 206	X
321912	Cut stock, resawing lumber, & planing .....	2000..	161 035	22 621	138 414	12
		1999..	202 185	53 169	149 016	24
		1998..	201 433	35 498	165 935	18
		1997..	160 314	29 273	131 041	X
321918	Other millwork (including flooring) .....	2000..	160 630	45 169	115 461	12
		1999..	186 150	38 741	147 408	12
		1998..	109 207	21 515	87 693	12
		1997..	104 304	22 353	81 951	X
32192	Wood container & pallet mfg .....	2000..	138 705	25 758	112 947	5
		1999..	140 501	24 836	115 665	9
		1998..	135 228	21 988	113 240	9
		1997..	129 873	24 178	105 695	X
321920	Wood container & pallet mfg .....	2000..	138 705	25 758	112 947	5
		1999..	140 501	24 836	115 665	9
		1998..	135 228	21 988	113 240	9
		1997..	129 873	24 178	105 695	X
32199	All other wood product mfg .....	2000..	372 691	115 640	257 051	6
		1999..	361 780	120 165	241 614	8
		1998..	343 868	136 100	207 767	8
		1997..	346 303	152 681	193 622	X
321991	Manufactured home (mobile home) mfg .....	2000..	76 803	38 488	38 314	5
		1999..	120 453	60 596	59 858	5
		1998..	129 273	85 731	43 541	16
		1997..	140 948	81 442	59 506	X
321992	Prefabricated wood building mfg .....	2000..	64 853	17 771	47 081	10
		1999..	60 555	11 920	48 634	11
		1998..	69 325	28 144	41 181	14
		1997..	55 497	16 770	38 727	X
321999	All other miscellaneous wood product mfg .....	2000..	231 035	59 380	171 656	9
		1999..	180 772	47 650	133 122	15
		1998..	145 270	22 225	123 045	9
		1997..	149 858	54 469	95 389	X
322	Paper mfg .....	2000..	8 099 746	735 445	7 364 301	1
		1999..	7 081 090	686 894	6 394 196	3
		1998..	8 546 666	649 617	7 897 048	4
		1997..	8 595 133	783 538	7 811 595	X
3221	Pulp, paper, & paperboard mills .....	2000..	5 441 019	442 184	4 998 836	1
		1999..	4 511 931	364 345	4 147 586	4
		1998..	5 791 381	319 623	5 471 758	5
		1997..	5 727 647	437 130	5 290 517	X
32211	Pulp mills .....	2000..	236 772	6 205	230 567	2
		1999..	186 620	12 259	174 361	5
		1998..	415 795	8 694	407 101	7
		1997..	344 652	28 293	316 359	X
322110	Pulp mills .....	2000..	236 772	6 205	230 567	2
		1999..	186 620	12 259	174 361	5
		1998..	415 795	8 694	407 101	7
		1997..	344 652	28 293	316 359	X
32212	Paper mills .....	2000..	3 343 989	234 626	3 109 364	1
		1999..	3 052 676	260 688	2 791 988	1
		1998..	3 981 774	225 838	3 755 936	7
		1997..	3 768 677	290 742	3 477 935	X
322121	Paper (except newsprint) mills .....	2000..	2 924 411	229 994	2 694 418	1
		1999..	2 745 654	248 640	2 497 014	1
		1998..	3 357 152	208 840	3 148 312	9
		1997..	3 404 261	263 728	3 140 533	X
322122	Newsprint mills .....	2000..	419 578	4 632	414 946	1
		1999..	307 023	12 048	294 974	1
		1998..	624 622	16 998	607 624	3
		1997..	364 416	27 014	337 402	X
32213	Paperboard mills .....	2000..	1 860 259	201 353	1 658 905	1
		1999..	1 272 635	91 398	1 181 237	14
		1998..	1 393 812	85 091	1 308 721	2
		1997..	1 614 318	118 095	1 496 223	X
322130	Paperboard mills .....	2000..	1 860 259	201 353	1 658 905	1
		1999..	1 272 635	91 398	1 181 237	14
		1998..	1 393 812	85 091	1 308 721	2
		1997..	1 614 318	118 095	1 496 223	X

See footnotes at end of table.



**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Total (\$1,000)	Buildings and other structures (\$1,000)	Machinery and equipment (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—
					A
322	Paper mfg—Con.				
3222	Converted paper product mfg .....	2 658 727	293 261	2 365 465	3
	1999..	2 569 159	322 549	2 246 610	3
	1998..	2 755 285	329 995	2 425 290	7
	1997..	2 867 486	346 408	2 521 078	X
32221	Paperboard container mfg .....	1 386 709	158 904	1 227 805	4
	1999..	1 458 481	210 662	1 247 819	4
	1998..	1 550 232	196 354	1 353 878	13
	1997..	1 566 678	219 490	1 347 188	X
322211	Corrugated & solid fiber box mfg .....	869 304	115 794	753 510	5
	1999..	817 886	144 985	672 901	6
	1998..	958 718	116 993	841 725	20
	1997..	966 285	125 297	840 988	X
322212	Folding paperboard box mfg .....	372 446	33 922	338 523	8
	1999..	433 617	27 279	406 338	5
	1998..	409 257	62 290	346 967	9
	1997..	443 225	63 186	380 039	X
322213	Setup paperboard box mfg .....	16 457	430	16 027	17
	1999..	15 410	1 915	13 495	18
	1998..	S	S	S	X
	1997..	21 332	1 958	19 374	X
322214	Fiber can, tube, drum, & similar products mfg ..	43 991	4 770	39 221	15
	1999..	76 094	29 622	46 472	19
	1998..	65 135	5 297	59 838	19
	1997..	70 009	20 526	49 483	X
322215	Nonfolding sanitary food container mfg .....	84 512	3 988	80 524	3
	1999..	115 474	6 861	108 613	1
	1998..	111 056	11 329	99 727	4
	1997..	65 827	8 523	57 304	X
32222	Paper bag & coated & treated paper mfg .....	607 074	64 453	542 621	6
	1999..	568 142	60 220	507 922	4
	1998..	636 668	93 371	543 297	2
	1997..	558 655	42 113	516 542	X
322221	Coated & laminated packaging paper & plastics film mfg .....	30 893	2 422	28 472	11
	1999..	29 104	4 892	24 212	9
	1998..	33 955	10 531	23 424	25
	1997..	46 285	4 684	41 601	X
322222	Coated & laminated paper mfg .....	439 329	53 677	385 652	5
	1999..	384 316	40 024	344 292	2
	1998..	464 907	63 406	401 502	5
	1997..	363 320	26 319	337 001	X
322223	Plastics, foil, & coated paper bag mfg .....	5 552	808	4 744	13
	1999..	8 683	974	7 709	6
	1998..	18 549	1 561	16 987	17
	1997..	16 979	1 424	15 555	X
322224	Uncoated paper & multiwall bag mfg .....	75 406	2 892	72 514	35
	1999..	60 275	3 208	57 067	20
	1998..	61 610	11 407	50 203	3
	1997..	79 978	3 450	76 528	X
322225	Laminated aluminum foil mfg for flexible packaging uses .....	36 938	3 454	33 484	4
	1999..	46 123	5 830	40 293	1
	1998..	37 743	1 589	36 154	2
	1997..	36 925	3 834	33 091	X
322226	Surface-coated paperboard mfg .....	18 956	1 201	17 755	8
	1999..	39 641	5 292	34 348	7
	1998..	19 905	4 877	15 027	22
	1997..	15 168	2 402	12 766	X
32223	Stationery product mfg .....	179 177	19 051	160 126	5
	1999..	176 229	23 206	153 024	6
	1998..	190 738	13 921	176 817	14
	1997..	248 190	33 195	214 995	X
322231	Die-cut paper & paperboard office supplies mfg .....	47 381	7 028	40 353	9
	1999..	57 078	5 180	51 898	14
	1998..	63 824	2 916	60 908	24
	1997..	55 008	7 406	47 602	X
322232	Envelope mfg .....	111 830	11 045	100 784	8
	1999..	84 659	7 810	76 849	7
	1998..	102 101	7 198	94 903	20
	1997..	148 406	21 165	127 241	X
322233	Stationery, tablet, & related product mfg .....	19 966	978	18 989	8
	1999..	34 492	10 216	24 276	12
	1998..	24 812	3 807	21 006	4
	1997..	44 776	4 624	40 152	X
32229	Other converted paper product mfg .....	485 766	50 852	434 914	7
	1999..	366 307	28 461	337 846	6
	1998..	377 646	26 348	351 298	4
	1997..	493 963	51 610	442 353	X
322291	Sanitary paper product mfg .....	336 457	16 861	319 596	7
	1999..	233 477	10 979	222 499	4
	1998..	289 631	17 097	272 535	4
	1997..	373 969	33 999	339 970	X
322299	All other converted paper product mfg .....	149 309	33 991	115 318	18
	1999..	132 829	17 482	115 347	15
	1998..	88 015	9 251	78 763	14
	1997..	119 994	17 611	102 383	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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NAICS code	Industry group and industry	Total (\$1,000)	Buildings and other structures (\$1,000)	Machinery and equipment (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent) for column—	
					A	
323	Printing & related support activities .....	2000..	4 420 287	399 770	4 020 517	3
		1999..	4 775 735	490 044	4 285 691	3
		1998..	4 882 975	610 388	4 272 587	4
		1997..	5 052 110	717 131	4 334 979	X
3231	Printing & related support activities .....	2000..	4 420 287	399 770	4 020 517	3
		1999..	4 775 735	490 044	4 285 691	3
		1998..	4 882 975	610 388	4 272 587	4
		1997..	5 052 110	717 131	4 334 979	X
32311	Printing .....	2000..	4 110 215	383 923	3 726 292	3
		1999..	4 399 487	455 077	3 944 410	3
		1998..	4 492 942	557 828	3 935 114	4
		1997..	4 703 898	689 969	4 013 929	X
323110	Commercial lithographic printing .....	2000..	2 573 826	249 686	2 324 140	4
		1999..	2 854 956	291 407	2 563 550	5
		1998..	2 825 242	348 537	2 476 706	5
		1997..	3 009 917	434 888	2 575 029	X
323111	Commercial gravure printing .....	2000..	143 411	18 107	125 305	5
		1999..	160 928	7 443	153 485	5
		1998..	276 732	47 257	229 475	10
		1997..	250 899	41 934	208 965	X
323112	Commercial flexographic printing .....	2000..	222 949	18 454	204 495	6
		1999..	234 787	23 361	211 426	8
		1998..	224 803	16 939	207 865	10
		1997..	204 874	37 319	167 555	X
323113	Commercial screen printing .....	2000..	235 224	21 943	213 281	6
		1999..	224 431	31 999	192 431	7
		1998..	240 526	42 597	197 928	11
		1997..	266 409	54 795	211 614	X
323114	Quick printing .....	2000..	286 613	23 114	263 499	17
		1999..	228 641	20 510	208 131	9
		1998..	165 665	14 503	151 162	15
		1997..	191 322	16 090	175 232	X
323115	Digital printing .....	2000..	29 216	3 501	25 715	10
		1999..	38 866	3 783	35 083	11
		1998..	31 132	5 322	25 810	49
		1997..	27 700	3 624	24 076	X
323116	Manifold business form printing .....	2000..	172 936	14 451	158 485	8
		1999..	218 777	24 680	194 098	9
		1998..	186 136	12 090	174 046	10
		1997..	257 543	35 522	222 021	X
323117	Book printing .....	2000..	243 935	14 517	229 418	8
		1999..	220 026	16 407	203 619	10
		1998..	306 141	33 369	272 771	10
		1997..	289 820	34 650	255 170	X
323118	Blankbook, looseleaf binder, & device mfg .....	2000..	51 132	8 720	42 412	5
		1999..	68 866	14 775	54 091	13
		1998..	127 019	23 698	103 321	46
		1997..	82 328	10 893	71 435	X
323119	Other commercial printing .....	2000..	150 973	11 431	139 542	11
		1999..	149 208	20 712	128 496	12
		1998..	109 546	13 516	96 030	12
		1997..	123 086	20 254	102 832	X
32312	Support activities for printing .....	2000..	310 072	15 847	294 225	8
		1999..	376 248	34 967	341 281	7
		1998..	390 033	52 561	337 472	15
		1997..	348 212	27 162	321 050	X
323121	Tradebinding & related work .....	2000..	86 816	2 759	84 057	11
		1999..	97 301	2 975	94 326	14
		1998..	103 865	4 028	99 837	14
		1997..	88 962	6 507	82 455	X
323122	Prepress services .....	2000..	223 256	13 088	210 168	10
		1999..	278 947	31 992	246 956	8
		1998..	286 168	48 533	237 635	20
		1997..	259 250	20 655	238 595	X
324	Petroleum & coal products mfg .....	2000..	4 997 387	661 120	4 336 268	1
		1999..	4 517 871	921 544	3 596 327	1
		1998..	4 814 125	784 816	4 029 308	1
		1997..	4 755 162	509 806	4 245 356	X
3241	Petroleum & coal products mfg .....	2000..	4 997 387	661 120	4 336 268	1
		1999..	4 517 871	921 544	3 596 327	1
		1998..	4 814 125	784 816	4 029 308	1
		1997..	4 755 162	509 806	4 245 356	X
32411	Petroleum refineries .....	2000..	4 453 068	608 387	3 844 681	1
		1999..	3 943 051	882 252	3 060 800	2
		1998..	4 168 878	728 070	3 440 807	1
		1997..	4 244 371	422 156	3 822 215	X
324110	Petroleum refineries .....	2000..	4 453 068	608 387	3 844 681	1
		1999..	3 943 051	882 252	3 060 800	2
		1998..	4 168 878	728 070	3 440 807	1
		1997..	4 244 371	422 156	3 822 215	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
324	Petroleum & coal products mfg—Con.				
3241	Petroleum & coal products mfg—Con.				
32412	Asphalt paving, roofing, & saturated materials mfg .....	2000.. 410 669	32 615	378 054	5
		1999.. 456 057	24 471	431 587	5
		1998.. 460 310	26 398	433 911	8
		1997.. 345 465	48 733	296 732	X
324121	Asphalt paving mixture & block mfg .....	2000.. 285 167	19 594	265 573	7
		1999.. 339 184	16 559	322 625	7
		1998.. 309 843	8 794	301 049	12
		1997.. 195 527	13 093	182 434	X
324122	Asphalt shingle & coating materials mfg .....	2000.. 125 502	13 021	112 481	6
		1999.. 116 873	7 911	108 962	4
		1998.. 150 467	17 604	132 862	4
		1997.. 149 938	35 640	114 298	X
32419	Other petroleum & coal products mfg .....	2000.. 133 651	20 117	113 533	4
		1999.. 118 762	14 821	103 941	5
		1998.. 184 937	30 348	154 590	19
		1997.. 165 326	38 917	126 409	X
324191	Petroleum lubricating oil & grease mfg .....	2000.. 94 923	8 179	86 744	6
		1999.. 85 946	9 878	76 069	6
		1998.. 105 858	24 659	81 199	15
		1997.. 105 229	23 768	81 461	X
324199	All other petroleum & coal products mfg .....	2000.. 38 727	11 938	26 789	4
		1999.. 32 816	4 944	27 872	6
		1998.. 79 080	5 689	73 391	40
		1997.. 60 097	15 149	44 948	X
325	Chemical mfg .....	2000.. 20 897 618	3 761 996	17 135 622	2
		1999.. 21 713 312	3 753 263	17 960 049	1
		1998.. 21 738 626	2 696 128	19 042 498	1
		1997.. 21 669 251	3 287 482	18 381 769	X
3251	Basic chemical mfg .....	2000.. 6 884 456	658 766	6 225 690	6
		1999.. 6 794 515	570 717	6 223 799	2
		1998.. 7 490 998	433 856	7 057 143	1
		1997.. 7 908 365	619 740	7 288 625	X
32511	Petrochemical mfg .....	2000.. 499 870	19 163	480 707	1
		1999.. 526 205	28 091	498 115	1
		1998.. 628 865	13 305	615 559	2
		1997.. 988 915	27 541	961 374	X
325110	Petrochemical mfg .....	2000.. 499 870	19 163	480 707	1
		1999.. 526 205	28 091	498 115	1
		1998.. 628 865	13 305	615 559	2
		1997.. 988 915	27 541	961 374	X
32512	Industrial gas mfg .....	2000.. 288 995	11 316	277 678	6
		1999.. 382 349	18 028	364 322	7
		1998.. 696 812	16 320	680 491	1
		1997.. 728 910	17 321	711 589	X
325120	Industrial gas mfg .....	2000.. 288 995	11 316	277 678	6
		1999.. 382 349	18 028	364 322	7
		1998.. 696 812	16 320	680 491	1
		1997.. 728 910	17 321	711 589	X
32513	Dye & pigment mfg .....	2000.. 526 425	73 336	453 088	2
		1999.. 311 929	31 228	280 701	6
		1998.. 274 965	26 766	248 199	1
		1997.. 340 062	60 631	279 431	X
325131	Inorganic dye & pigment mfg .....	2000.. 407 944	61 467	346 476	2
		1999.. 231 101	18 920	212 181	7
		1998.. 192 445	19 181	173 264	1
		1997.. 211 915	45 131	166 784	X
325132	Synthetic organic dye & pigment mfg .....	2000.. 118 481	11 869	106 612	5
		1999.. 80 828	12 307	68 521	14
		1998.. 82 520	7 586	74 935	5
		1997.. 128 147	15 500	112 647	X
32518	Other basic inorganic chemical mfg .....	2000.. 1 454 592	324 891	1 129 701	7
		1999.. 1 492 059	191 518	1 300 541	4
		1998.. 1 661 406	142 839	1 518 568	4
		1997.. 1 211 259	130 205	1 081 054	X
325181	Alkalies & chlorine mfg .....	2000.. 176 058	23 596	152 462	2
		1999.. 204 860	5 255	199 605	1
		1998.. 227 443	12 864	214 579	1
		1997.. 284 549	11 231	273 318	X
325182	Carbon black mfg .....	2000.. 46 259	1 006	45 253	4
		1999.. 56 949	10 942	46 007	9
		1998.. 76 618	12 054	64 565	37
		1997.. 89 107	2 563	86 544	X
325188	All other basic inorganic chemical mfg .....	2000.. 1 232 275	300 290	931 986	8
		1999.. 1 230 250	175 321	1 054 929	4
		1998.. 1 357 346	117 921	1 239 425	5
		1997.. 837 603	116 411	721 192	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
325	Chemical mfg—Con.				
3251	Basic chemical mfg—Con.				
32519	Other basic organic chemical mfg .....	2000.. 4 114 575	230 059	3 884 515	10
		1999.. 4 081 973	301 853	3 780 120	4
		1998.. 4 228 951	234 626	3 994 325	1
		1997.. 4 639 219	384 042	4 255 177	X
325191	Gum & wood chemical mfg .....	2000.. 55 614	5 327	50 287	1
		1999.. 40 659	2 824	37 835	1
		1998.. 32 546	3 085	29 461	3
		1997.. 33 575	3 559	30 016	X
325192	Cyclic crude & intermediate mfg .....	2000.. 767 817	29 524	738 293	47
		1999.. 399 111	16 703	382 408	8
		1998.. 382 578	15 790	366 788	1
		1997.. 768 610	48 786	719 824	X
325193	Ethyl alcohol mfg .....	2000.. 57 437	5 799	51 638	14
		1999.. 70 099	18 042	52 057	41
		1998.. 81 006	22 721	58 285	21
		1997.. 36 694	13 734	22 960	X
325199	All other basic organic chemical mfg .....	2000.. 3 233 707	189 409	3 044 297	5
		1999.. 3 572 104	264 283	3 307 820	4
		1998.. 3 732 820	193 029	3 539 791	1
		1997.. 3 800 340	317 963	3 482 377	X
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg .....	2000.. 3 170 079	258 126	2 911 953	2
		1999.. 4 574 706	255 371	4 319 335	1
		1998.. 4 394 591	249 181	4 145 410	3
		1997.. 3 953 660	366 130	3 587 530	X
32521	Resin & synthetic rubber mfg .....	2000.. 2 641 108	213 351	2 427 758	2
		1999.. 4 037 145	204 881	3 832 263	2
		1998.. 3 779 924	198 518	3 581 406	4
		1997.. 3 312 417	320 464	2 991 953	X
325211	Plastics material & resin mfg .....	2000.. 2 299 193	185 388	2 113 804	2
		1999.. 3 741 855	178 828	3 563 027	2
		1998.. 3 430 616	184 508	3 246 108	4
		1997.. 2 923 891	292 431	2 631 460	X
325212	Synthetic rubber mfg .....	2000.. 341 916	27 962	313 953	5
		1999.. 295 290	26 053	269 237	3
		1998.. 349 308	14 011	335 297	1
		1997.. 388 526	28 033	360 493	X
32522	Artificial & synthetic fibers & filaments mfg .....	2000.. 528 971	44 776	484 195	1
		1999.. 537 561	50 489	487 072	2
		1998.. 614 667	50 663	564 004	2
		1997.. 641 243	45 666	595 577	X
325221	Cellulosic organic fiber mfg .....	2000.. 18 160	87	18 073	1
		1999.. 26 964	1 212	25 752	1
		1998.. 76 763	4 696	72 067	1
		1997.. 46 741	2 640	44 101	X
325222	Noncellulosic organic fiber mfg .....	2000.. 510 811	44 689	466 122	1
		1999.. 510 597	49 277	461 320	2
		1998.. 537 904	45 967	491 937	2
		1997.. 594 502	43 026	551 476	X
3253	Pesticide, fertilizer, & other agricultural chemical mfg .....	2000.. 833 802	91 579	742 223	6
		1999.. 1 007 399	86 218	921 181	6
		1998.. 1 191 098	58 964	1 132 133	13
		1997.. 1 308 297	110 614	1 197 683	X
32531	Fertilizer mfg .....	2000.. 478 709	70 668	408 042	4
		1999.. 704 687	71 581	633 105	6
		1998.. 795 727	40 620	755 107	20
		1997.. 871 077	71 102	799 975	X
325311	Nitrogenous fertilizer mfg .....	2000.. 107 194	4 190	103 004	8
		1999.. 140 122	3 067	137 055	9
		1998.. 402 193	4 240	397 953	14
		1997.. 589 737	11 134	578 603	X
325312	Phosphatic fertilizer mfg .....	2000.. 244 515	34 968	209 546	3
		1999.. 443 626	47 076	396 550	9
		1998.. 338 219	17 422	320 797	44
		1997.. 210 209	43 388	166 821	X
325314	Fertilizer (mixing only) mfg .....	2000.. 127 001	31 509	95 492	10
		1999.. 120 939	21 438	99 500	9
		1998.. 55 314	18 957	36 357	11
		1997.. 71 131	16 580	54 551	X
32532	Pesticide & other agricultural chemical mfg .....	2000.. 355 092	20 911	334 181	13
		1999.. 302 713	14 637	288 076	11
		1998.. 395 371	18 345	377 027	2
		1997.. 437 220	39 512	397 708	X
325320	Pesticide & other agricultural chemical mfg .....	2000.. 355 092	20 911	334 181	13
		1999.. 302 713	14 637	288 076	11
		1998.. 395 371	18 345	377 027	2
		1997.. 437 220	39 512	397 708	X

See footnotes at end of table.

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					A
325	Chemical mfg—Con.				
3254	Pharmaceutical & medicine mfg .....	2000.. 5 786 661	2 035 237	3 751 424	5
		1999.. 4 681 256	1 430 280	3 250 976	3
		1998.. 4 335 120	1 233 957	3 101 164	2
		1997.. 4 750 538	1 557 972	3 192 566	X
32541	Pharmaceutical & medicine mfg .....	2000.. 5 786 661	2 035 237	3 751 424	5
		1999.. 4 681 256	1 430 280	3 250 976	3
		1998.. 4 335 120	1 233 957	3 101 164	2
		1997.. 4 750 538	1 557 972	3 192 566	X
325411	Medicinal & botanical mfg .....	2000.. 1 061 732	293 147	768 585	6
		1999.. 877 957	199 964	677 992	4
		1998.. 1 021 414	211 938	809 476	6
		1997.. 1 125 300	266 869	858 431	X
325412	Pharmaceutical preparation mfg .....	2000.. 3 394 646	1 397 506	1 997 139	9
		1999.. 2 724 475	976 328	1 748 146	4
		1998.. 2 300 279	764 950	1 535 329	3
		1997.. 2 491 682	940 583	1 551 099	X
325413	In-vitro diagnostic substance mfg .....	2000.. 680 699	71 679	609 020	1
		1999.. 707 049	83 997	623 052	2
		1998.. 623 413	113 032	510 381	2
		1997.. 706 684	166 206	540 478	X
325414	Biological product (except diagnostic) mfg .....	2000.. 649 584	272 905	376 679	9
		1999.. 371 776	169 991	201 786	8
		1998.. 390 015	144 037	245 977	2
		1997.. 426 872	184 314	242 558	X
3255	Paint, coating, & adhesive mfg .....	2000.. 698 069	124 193	573 876	4
		1999.. 767 673	160 536	607 137	5
		1998.. 721 456	161 310	560 146	8
		1997.. 654 220	134 742	519 478	X
32551	Paint & coating mfg .....	2000.. 427 850	72 535	355 315	4
		1999.. 446 160	91 919	354 241	5
		1998.. 483 338	118 841	364 496	12
		1997.. 411 043	80 352	330 691	X
325510	Paint & coating mfg .....	2000.. 427 850	72 535	355 315	4
		1999.. 446 160	91 919	354 241	5
		1998.. 483 338	118 841	364 496	12
		1997.. 411 043	80 352	330 691	X
32552	Adhesive mfg .....	2000.. 270 219	51 658	218 561	7
		1999.. 321 513	68 617	252 896	11
		1998.. 238 118	42 469	195 650	8
		1997.. 243 177	54 390	188 787	X
325520	Adhesive mfg .....	2000.. 270 219	51 658	218 561	7
		1999.. 321 513	68 617	252 896	11
		1998.. 238 118	42 469	195 650	8
		1997.. 243 177	54 390	188 787	X
3256	Soap, cleaning compound, & toilet preparation mfg .....	2000.. 1 967 797	297 458	1 670 339	3
		1999.. 2 419 372	987 457	1 431 915	3
		1998.. 1 685 754	307 668	1 378 087	3
		1997.. 1 478 636	243 995	1 234 641	X
32561	Soap & cleaning compound mfg .....	2000.. 1 245 472	129 471	1 116 001	3
		1999.. 1 712 162	785 932	926 230	3
		1998.. 1 001 958	163 894	838 064	3
		1997.. 906 378	126 648	779 730	X
325611	Soap & other detergent mfg .....	2000.. 446 073	60 125	385 948	3
		1999.. 380 092	57 923	322 168	6
		1998.. 459 159	79 461	379 699	4
		1997.. 464 466	66 571	397 895	X
325612	Polish & other sanitation good mfg .....	2000.. 304 473	44 152	260 321	6
		1999.. 294 711	50 612	244 099	11
		1998.. 220 371	42 237	178 135	5
		1997.. 153 642	26 395	127 247	X
325613	Surface active agent mfg .....	2000.. 494 925	25 194	469 731	6
		1999.. 1 037 360	677 397	359 962	3
		1998.. 322 427	42 197	280 230	5
		1997.. 288 270	33 682	254 588	X
32562	Toilet preparation mfg .....	2000.. 722 325	167 987	554 338	6
		1999.. 707 210	201 524	505 686	9
		1998.. 683 796	143 774	540 023	7
		1997.. 572 258	117 347	454 911	X
325620	Toilet preparation mfg .....	2000.. 722 325	167 987	554 338	6
		1999.. 707 210	201 524	505 686	9
		1998.. 683 796	143 774	540 023	7
		1997.. 572 258	117 347	454 911	X
3259	Other chemical product mfg .....	2000.. 1 556 754	296 637	1 260 117	2
		1999.. 1 468 390	262 684	1 205 706	9
		1998.. 1 919 609	251 193	1 668 416	5
		1997.. 1 615 535	254 289	1 361 246	X
32591	Printing ink mfg .....	2000.. 168 009	35 517	132 492	4
		1999.. 84 061	18 612	65 449	13
		1998.. 66 935	8 073	58 863	11
		1997.. 90 509	19 505	71 004	X
325910	Printing ink mfg .....	2000.. 168 009	35 517	132 492	4
		1999.. 84 061	18 612	65 449	13
		1998.. 66 935	8 073	58 863	11
		1997.. 90 509	19 505	71 004	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
325	Chemical mfg—Con.				
3259	Other chemical product mfg—Con.				
32592	Explosives mfg .....	2000.. 24 176	2 193	21 982	17
		1999.. 40 320	4 917	35 403	12
		1998.. 59 903	12 382	47 521	16
		1997.. 44 209	8 491	35 718	X
325920	Explosives mfg .....	2000.. 24 176	2 193	21 982	17
		1999.. 40 320	4 917	35 403	12
		1998.. 59 903	12 382	47 521	16
		1997.. 44 209	8 491	35 718	X
32599	All other chemical product & preparation mfg .....	2000.. 1 364 570	258 927	1 105 643	3
		1999.. 1 344 010	239 156	1 104 854	9
		1998.. 1 792 771	230 738	1 562 033	5
		1997.. 1 480 817	226 293	1 254 524	X
325991	Custom compounding of purchased resin .....	2000.. 337 942	30 548	307 394	6
		1999.. 327 281	52 148	275 133	7
		1998.. 237 783	36 908	200 875	5
		1997.. 298 243	54 572	243 671	X
325992	Photographic film, paper, plate, & chemical mfg .....	2000.. 538 607	146 143	392 464	2
		1999.. 285 640	42 990	242 650	3
		1998.. 899 511	60 023	839 488	10
		1997.. 571 275	63 825	507 450	X
325998	All other miscellaneous chemical product & preparation mfg .....	2000.. 488 021	82 235	405 785	6
		1999.. 731 089	144 018	587 071	17
		1998.. 655 477	133 807	521 670	2
		1997.. 611 299	107 896	503 403	X
326	Plastics & rubber products mfg .....	2000.. 8 698 954	934 967	7 763 987	2
		1999.. 9 067 202	1 049 626	8 017 576	2
		1998.. 8 112 584	1 085 641	7 026 943	2
		1997.. 7 836 663	1 077 018	6 759 645	X
3261	Plastics product mfg .....	2000.. 7 138 422	808 356	6 330 066	2
		1999.. 7 558 685	898 570	6 660 115	3
		1998.. 6 556 875	902 350	5 654 525	2
		1997.. 6 451 221	910 963	5 540 258	X
32611	Unsupported plastics film, sheet, & bag mfg .....	2000.. 1 311 245	168 505	1 142 741	4
		1999.. 1 547 013	158 899	1 388 114	3
		1998.. 1 144 528	150 905	993 623	6
		1997.. 1 324 069	188 329	1 135 740	X
326111	Unsupported plastics bag mfg .....	2000.. 492 641	57 401	435 240	5
		1999.. 631 967	70 664	561 303	2
		1998.. 273 085	17 312	255 773	10
		1997.. 366 375	43 115	323 260	X
326112	Unsupported plastics packaging film & sheet mfg .....	2000.. 138 267	12 040	126 228	9
		1999.. 190 579	15 504	175 075	12
		1998.. 177 636	30 537	147 098	17
		1997.. 214 642	33 849	180 793	X
326113	Unsupported plastics film & sheet (except packaging) mfg .....	2000.. 680 337	99 065	581 272	6
		1999.. 724 467	72 731	651 737	5
		1998.. 693 808	103 056	590 752	6
		1997.. 743 052	111 365	631 687	X
32612	Plastics pipe, pipe fitting, & unsupported profile shape mfg .....	2000.. 487 053	47 865	439 188	4
		1999.. 488 967	92 023	396 944	4
		1998.. 438 082	54 639	383 443	7
		1997.. 458 816	66 568	392 248	X
326121	Unsupported plastics profile shape mfg .....	2000.. 197 708	19 823	177 885	5
		1999.. 202 744	42 356	160 387	6
		1998.. 197 653	26 299	171 354	7
		1997.. 215 561	36 748	178 813	X
326122	Plastics pipe & pipe fitting mfg .....	2000.. 289 346	28 043	261 303	5
		1999.. 286 223	49 666	236 557	5
		1998.. 240 429	28 341	212 088	12
		1997.. 243 255	29 820	213 435	X
32613	Laminated plastics plate, sheet, & shape mfg .....	2000.. 95 159	9 395	85 764	6
		1999.. 102 441	12 421	90 020	5
		1998.. 124 912	10 122	114 789	10
		1997.. 139 476	16 727	122 749	X
326130	Laminated plastics plate, sheet, & shape mfg ..	2000.. 95 159	9 395	85 764	6
		1999.. 102 441	12 421	90 020	5
		1998.. 124 912	10 122	114 789	10
		1997.. 139 476	16 727	122 749	X
32614	Polystyrene foam product mfg .....	2000.. 360 712	47 997	312 715	7
		1999.. 525 851	98 933	426 918	30
		1998.. 390 018	112 723	277 295	11
		1997.. 317 912	73 549	244 363	X
326140	Polystyrene foam product mfg .....	2000.. 360 712	47 997	312 715	7
		1999.. 525 851	98 933	426 918	30
		1998.. 390 018	112 723	277 295	11
		1997.. 317 912	73 549	244 363	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
326	Plastics & rubber products mfg—Con.				
3261	Plastics product mfg—Con.				
32615	Urethane & other foam product (except polystyrene) mfg .....	2000.. 206 896	39 730	167 166	9
		1999.. 197 930	23 739	174 192	11
		1998.. 171 015	10 968	160 046	8
		1997.. 216 869	40 330	176 539	X
326150	Urethane & other foam product (except polystyrene) mfg .....	2000.. 206 896	39 730	167 166	9
		1999.. 197 930	23 739	174 192	11
		1998.. 171 015	10 968	160 046	8
		1997.. 216 869	40 330	176 539	X
32616	Plastics bottle mfg .....	2000.. 652 645	39 712	612 933	5
		1999.. 778 680	61 133	717 547	5
		1998.. 573 254	55 554	517 700	5
		1997.. 447 247	34 818	412 429	X
326160	Plastics bottle mfg .....	2000.. 652 645	39 712	612 933	5
		1999.. 778 680	61 133	717 547	5
		1998.. 573 254	55 554	517 700	5
		1997.. 447 247	34 818	412 429	X
32619	Other plastics product mfg .....	2000.. 4 024 712	455 152	3 569 559	4
		1999.. 3 917 803	451 423	3 466 379	3
		1998.. 3 715 066	507 438	3 207 628	2
		1997.. 3 546 832	490 642	3 056 190	X
326191	Plastics plumbing fixture mfg .....	2000.. 80 898	11 779	69 109	7
		1999.. 65 680	10 415	55 265	8
		1998.. 39 758	3 868	35 890	6
		1997.. 48 736	7 816	40 920	X
326192	Resilient floor covering mfg .....	2000.. 64 853	6 050	58 803	1
		1999.. 101 802	25 925	75 876	3
		1998.. 74 635	6 454	68 180	1
		1997.. 66 721	8 818	57 903	X
326199	All other plastics product mfg .....	2000.. 3 878 962	437 314	3 441 648	4
		1999.. 3 750 321	415 083	3 335 238	3
		1998.. 3 600 674	497 116	3 103 558	2
		1997.. 3 431 375	474 008	2 957 367	X
3262	Rubber product mfg .....	2000.. 1 560 533	126 611	1 433 921	4
		1999.. 1 508 517	151 056	1 357 461	2
		1998.. 1 555 710	183 292	1 372 418	3
		1997.. 1 385 442	166 055	1 219 387	X
32621	Tire mfg .....	2000.. 774 219	47 477	726 742	7
		1999.. 716 065	68 657	647 408	2
		1998.. 734 319	72 110	662 209	3
		1997.. 611 115	43 226	567 889	X
326211	Tire mfg (except retreading) .....	2000.. 744 783	45 827	698 955	7
		1999.. 663 838	55 333	608 505	1
		1998.. 688 931	69 738	619 193	3
		1997.. 587 101	40 852	546 249	X
326212	Tire retreading .....	2000.. 29 436	1 650	27 786	8
		1999.. 52 227	13 324	38 903	20
		1998.. 45 389	2 372	43 016	18
		1997.. 24 014	2 374	21 640	X
32622	Rubber & plastics hoses & belting mfg .....	2000.. 141 350	14 246	127 103	4
		1999.. 146 047	14 788	131 258	5
		1998.. 156 927	21 611	135 316	12
		1997.. 144 948	20 690	124 258	X
326220	Rubber & plastics hoses & belting mfg .....	2000.. 141 350	14 246	127 103	4
		1999.. 146 047	14 788	131 258	5
		1998.. 156 927	21 611	135 316	12
		1997.. 144 948	20 690	124 258	X
32629	Other rubber product mfg .....	2000.. 644 964	64 887	580 077	4
		1999.. 646 405	67 610	578 795	5
		1998.. 664 464	89 571	574 893	6
		1997.. 629 379	102 139	527 240	X
326291	Rubber product mfg for mechanical use .....	2000.. 343 722	28 188	315 534	4
		1999.. 338 314	40 793	297 520	5
		1998.. 326 449	42 717	283 732	6
		1997.. 345 438	53 072	292 366	X
326299	All other rubber product mfg .....	2000.. 301 241	36 699	264 542	8
		1999.. 308 091	26 817	281 274	9
		1998.. 338 015	46 854	291 161	10
		1997.. 283 941	49 067	234 874	X
327	Nonmetallic mineral product mfg .....	2000.. 6 046 472	873 124	5 173 349	1
		1999.. 5 404 575	658 707	4 745 868	2
		1998.. 5 026 090	634 487	4 391 603	X
		1997.. 4 798 921	645 080	4 153 841	2
3271	Clay product & refractory mfg .....	2000.. 495 984	65 255	430 729	7
		1999.. 422 796	56 632	366 164	7
		1998.. 411 465	80 046	331 419	11
		1997.. 414 410	74 082	340 328	X

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		A	B	C	A
327	Nonmetallic mineral product mfg—Con.				
3271	Clay product & refractory mfg—Con.				
32711	Pottery, ceramics, & plumbing fixture mfg . . . . .	2000.. 155 988	22 992	132 996	8
		1999.. 143 825	15 641	129 184	6
		1998.. 152 122	27 781	124 341	16
		1997.. 159 671	29 064	130 607	X
327111	Vitreous china plumbing fixture & bathroom accessories mfg . . . . .	2000.. 19 181	1 296	17 885	9
		1999.. 26 332	1 708	24 625	9
		1998.. 20 681	1 348	19 333	1
		1997.. 14 877	1 585	13 292	X
327112	Vitreous china, fine earthenware, & other pottery product mfg . . . . .	2000.. 74 671	18 447	56 224	16
		1999.. 66 494	8 152	58 342	12
		1998.. 71 336	16 061	55 275	13
		1997.. 76 465	15 247	61 218	X
327113	Porcelain electrical supply mfg . . . . .	2000.. 62 136	3 249	58 886	5
		1999.. 50 999	5 781	45 218	7
		1998.. 60 105	10 372	49 733	37
		1997.. 68 329	12 232	56 097	X
32712	Clay building material & refractories mfg . . . . .	2000.. 339 996	42 263	297 733	9
		1999.. 278 971	40 991	237 980	11
		1998.. 259 343	52 265	207 078	15
		1997.. 254 739	45 018	209 721	X
327121	Brick & structural clay tile mfg . . . . .	2000.. 127 302	10 630	116 672	14
		1999.. 83 116	7 057	76 059	9
		1998.. 79 738	8 672	71 066	11
		1997.. 70 726	10 228	60 498	X
327122	Ceramic wall & floor tile mfg . . . . .	2000.. 85 736	14 828	70 908	7
		1999.. 58 795	8 236	50 559	16
		1998.. 41 752	11 340	30 412	16
		1997.. 58 800	9 314	49 486	X
327123	Other structural clay product mfg . . . . .	2000.. 6 603	1 638	4 965	4
		1999.. 8 737	2 037	6 701	6
		1998.. 8 481	754	7 727	70
		1997.. 4 856	823	4 033	X
327124	Clay refractory mfg . . . . .	2000.. 14 132	266	13 866	13
		1999.. 26 232	2 279	23 953	17
		1998.. 27 482	2 512	24 970	18
		1997.. 25 605	2 190	23 415	X
327125	Nonclay refractory mfg . . . . .	2000.. 106 224	14 901	91 323	22
		1999.. 102 091	21 383	80 708	27
		1998.. 101 890	28 988	72 902	35
		1997.. 94 752	22 463	72 289	X
3272	Glass & glass product mfg . . . . .	2000.. 1 691 225	165 335	1 525 891	2
		1999.. 1 718 112	222 515	1 495 597	2
		1998.. 1 765 332	180 351	1 584 981	1
		1997.. 1 642 137	237 051	1 405 086	X
32721	Glass & glass product mfg . . . . .	2000.. 1 691 225	165 335	1 525 891	2
		1999.. 1 718 112	222 515	1 495 597	2
		1998.. 1 765 332	180 351	1 584 981	1
		1997.. 1 642 137	237 051	1 405 086	X
327211	Flat glass mfg . . . . .	2000.. 336 050	30 151	305 899	2
		1999.. 274 348	27 078	247 269	4
		1998.. 384 491	34 244	350 246	1
		1997.. 176 690	20 141	156 549	X
327212	Other pressed & blown glass & glassware mfg . . . . .	2000.. 507 130	56 394	450 737	1
		1999.. 570 188	80 596	489 591	1
		1998.. 658 733	71 913	586 820	2
		1997.. 627 705	75 502	552 203	X
327213	Glass container mfg . . . . .	2000.. 343 400	D	D	6
		1999.. 406 910	D	D	6
		1998.. 356 440	D	D	4
		1997.. 283 023	D	D	X
327215	Glass product mfg made of purchased glass . . . . .	2000.. 504 646	D	D	4
		1999.. 466 667	D	D	4
		1998.. 365 668	D	D	5
		1997.. 554 719	D	D	X
3273	Cement & concrete product mfg . . . . .	2000.. 2 798 095	512 133	2 285 962	2
		1999.. 2 312 264	283 045	2 029 219	3
		1998.. 1 897 118	252 859	1 644 259	3
		1997.. 1 802 948	203 703	1 599 245	X
32731	Cement mfg . . . . .	2000.. 1 107 001	281 583	825 417	3
		1999.. 691 184	98 416	592 768	4
		1998.. 525 424	94 673	430 752	6
		1997.. 505 630	35 250	470 380	X
327310	Cement mfg . . . . .	2000.. 1 107 001	281 583	825 417	3
		1999.. 691 184	98 416	592 768	4
		1998.. 525 424	94 673	430 752	6
		1997.. 505 630	35 250	470 380	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
327	Nonmetallic mineral product mfg—Con.				
3273	Cement & concrete product mfg—Con.				
32732	Ready-mix concrete mfg.....	2000.. 938 518	76 806	861 712	5
		1999.. 985 361	88 225	897 136	5
		1998.. 834 318	73 291	761 026	3
		1997.. 798 851	79 051	719 800	X
327320	Ready-mix concrete mfg.....	2000.. 938 518	76 806	861 712	5
		1999.. 985 361	88 225	897 136	5
		1998.. 834 318	73 291	761 026	3
		1997.. 798 851	79 051	719 800	X
32733	Concrete pipe, brick, & block mfg.....	2000.. 341 396	70 520	270 876	8
		1999.. 301 765	45 081	256 684	8
		1998.. 270 001	36 334	233 667	10
		1997.. 228 914	41 500	187 414	X
327331	Concrete block & brick mfg.....	2000.. 213 150	42 438	170 712	9
		1999.. 188 952	24 518	164 435	9
		1998.. 178 335	26 126	152 209	14
		1997.. 149 684	27 232	122 452	X
327332	Concrete pipe mfg.....	2000.. 128 246	28 082	100 164	15
		1999.. 112 813	20 563	92 250	14
		1998.. 91 666	10 208	81 458	13
		1997.. 79 230	14 268	64 962	X
32739	Other concrete product mfg.....	2000.. 411 181	83 224	327 957	6
		1999.. 333 954	51 322	282 631	5
		1998.. 267 374	48 561	218 814	7
		1997.. 269 553	47 902	221 651	X
327390	Other concrete product mfg.....	2000.. 411 181	83 224	327 957	6
		1999.. 333 954	51 322	282 631	5
		1998.. 267 374	48 561	218 814	7
		1997.. 269 553	47 902	221 651	X
3274	Lime & gypsum product mfg.....	2000.. 274 563	44 800	229 763	3
		1999.. 239 155	33 007	206 148	5
		1998.. 226 899	23 969	202 930	16
		1997.. 213 098	23 204	189 894	X
32741	Lime mfg.....	2000.. 66 805	2 073	64 732	11
		1999.. 82 333	4 185	78 148	11
		1998.. 60 191	3 969	56 223	36
		1997.. 59 097	4 892	54 205	X
327410	Lime mfg.....	2000.. 66 805	2 073	64 732	11
		1999.. 82 333	4 185	78 148	11
		1998.. 60 191	3 969	56 223	36
		1997.. 59 097	4 892	54 205	X
32742	Gypsum product mfg.....	2000.. 207 758	42 726	165 031	2
		1999.. 156 822	28 822	128 000	4
		1998.. 166 707	20 000	146 708	17
		1997.. 154 001	18 312	135 689	X
327420	Gypsum product mfg.....	2000.. 207 758	42 726	165 031	2
		1999.. 156 822	28 822	128 000	4
		1998.. 166 707	20 000	146 708	17
		1997.. 154 001	18 312	135 689	X
3279	Other nonmetallic mineral product mfg.....	2000.. 786 605	85 601	701 004	3
		1999.. 712 248	63 509	648 739	3
		1998.. 725 277	97 262	628 015	4
		1997.. 726 328	107 040	619 288	X
32791	Abrasive product mfg.....	2000.. 174 919	12 980	161 939	5
		1999.. 113 211	9 391	103 820	8
		1998.. 163 942	27 213	136 729	11
		1997.. 155 961	18 776	137 185	X
327910	Abrasive product mfg.....	2000.. 174 919	12 980	161 939	5
		1999.. 113 211	9 391	103 820	8
		1998.. 163 942	27 213	136 729	11
		1997.. 155 961	18 776	137 185	X
32799	All other nonmetallic mineral product mfg.....	2000.. 611 686	72 621	539 064	4
		1999.. 599 037	54 117	544 919	4
		1998.. 561 335	70 049	491 286	5
		1997.. 570 367	88 264	482 103	X
327991	Cut stone & stone product mfg.....	2000.. 81 807	11 119	70 688	9
		1999.. 68 175	7 846	60 329	11
		1998.. 43 857	8 990	34 867	34
		1997.. 52 771	8 395	44 376	X
327992	Ground or treated mineral & earth mfg.....	2000.. 127 597	13 485	114 112	12
		1999.. 131 059	10 972	120 087	8
		1998.. 132 646	7 026	125 621	13
		1997.. 133 223	17 872	115 351	X
327993	Mineral wool mfg.....	2000.. 273 433	18 089	255 344	4
		1999.. 307 317	21 839	285 478	4
		1998.. 287 646	28 237	259 409	2
		1997.. 282 825	42 233	240 592	X
327999	All other miscellaneous nonmetallic mineral product mfg.....	2000.. 128 848	29 929	98 919	10
		1999.. 92 486	13 461	79 025	14
		1998.. 97 186	25 797	71 390	9
		1997.. 101 548	19 764	81 784	X

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			(\$1,000)	(\$1,000)	(\$1,000)	
			A	B	C	A
331	Primary metal mfg .....	2000..	6 013 066	900 551	5 112 515	1
		1999..	5 942 773	715 369	5 227 404	1
		1998..	6 451 186	883 513	5 567 674	1
		1997..	6 515 752	799 084	5 716 668	X
3311	Iron & steel mills & ferroalloy mfg .....	2000..	2 099 507	145 821	1 953 686	2
		1999..	2 265 480	140 740	2 124 740	1
		1998..	2 632 191	237 992	2 394 200	1
		1997..	2 673 741	208 505	2 465 236	X
33111	Iron & steel mills & ferroalloy mfg .....	2000..	2 099 507	145 821	1 953 686	2
		1999..	2 265 480	140 740	2 124 740	1
		1998..	2 632 191	237 992	2 394 200	1
		1997..	2 673 741	208 505	2 465 236	X
331111	Iron & steel mills .....	2000..	2 063 103	139 504	1 923 599	2
		1999..	2 230 038	137 374	2 092 664	1
		1998..	2 582 615	231 385	2 351 231	1
		1997..	2 604 676	191 380	2 413 296	X
331112	Electrometallurgical ferroalloy product mfg .....	2000..	36 404	6 317	30 087	15
		1999..	35 442	3 365	32 076	8
		1998..	49 576	6 607	42 969	1
		1997..	69 065	17 125	51 940	X
3312	Steel product mfg from purchased steel .....	2000..	460 318	48 299	412 019	4
		1999..	440 079	49 864	390 214	3
		1998..	517 316	79 540	437 776	6
		1997..	533 536	78 247	455 289	X
33121	Iron & steel pipes & tubes mfg from purchased steel .....	2000..	228 371	29 564	198 807	6
		1999..	211 934	28 456	183 478	5
		1998..	229 013	44 193	184 820	5
		1997..	216 395	31 756	184 639	X
331210	Iron & steel pipes & tubes mfg from purchased steel .....	2000..	228 371	29 564	198 807	6
		1999..	211 934	28 456	183 478	5
		1998..	229 013	44 193	184 820	5
		1997..	216 395	31 756	184 639	X
33122	Rolling & drawing of purchased steel .....	2000..	231 947	18 735	213 212	5
		1999..	228 145	21 408	206 737	4
		1998..	288 303	35 347	252 956	10
		1997..	317 141	46 491	270 650	X
331221	Cold-rolled steel shape mfg .....	2000..	89 457	5 712	83 746	6
		1999..	86 442	6 098	80 344	7
		1998..	152 138	10 668	141 470	9
		1997..	139 343	14 643	124 700	X
331222	Steel wire drawing .....	2000..	142 490	13 024	129 466	7
		1999..	141 703	15 310	126 393	5
		1998..	136 165	24 679	111 486	18
		1997..	177 798	31 848	145 950	X
3313	Alumina & aluminum production & processing .....	2000..	1 392 595	414 318	978 277	2
		1999..	1 106 200	231 260	874 940	2
		1998..	1 111 840	287 380	824 459	2
		1997..	1 073 646	178 727	894 919	X
33131	Alumina & aluminum production & processing .....	2000..	1 392 595	414 318	978 277	2
		1999..	1 106 200	231 260	874 940	2
		1998..	1 111 840	287 380	824 459	2
		1997..	1 073 646	178 727	894 919	X
331311	Alumina refining .....	2000..	306 596	D	D	1
		1999..	98 631	D	D	1
		1998..	93 391	D	D	1
		1997..	96 963	D	D	X
331312	Primary aluminum production .....	2000..	350 912	73 495	277 417	1
		1999..	351 602	75 555	276 047	1
		1998..	394 546	96 444	298 102	1
		1997..	320 294	62 972	257 322	X
331314	Secondary smelting & alloying of aluminum .....	2000..	113 170	18 912	94 258	5
		1999..	103 742	17 546	86 197	13
		1998..	66 341	9 266	57 075	11
		1997..	86 449	27 181	59 268	X
331315	Aluminum sheet, plate, & foil mfg .....	2000..	346 904	108 601	238 303	1
		1999..	326 050	83 512	242 538	1
		1998..	317 521	104 140	213 381	1
		1997..	331 444	38 781	292 663	X
331316	Aluminum extruded product mfg .....	2000..	238 498	42 895	195 603	10
		1999..	194 911	43 103	151 808	6
		1998..	221 343	60 406	160 937	7
		1997..	208 984	33 370	175 614	X
331319	Other aluminum rolling & drawing .....	2000..	36 515	D	D	23
		1999..	31 264	D	D	10
		1998..	18 698	D	D	5
		1997..	29 512	D	D	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
331	Primary metal mfg—Con.				
3314	Nonferrous metal (except aluminum) production & processing.....	2000.. 686 385	118 160	568 225	5
		1999.. 815 595	136 857	678 738	4
		1998.. 872 936	129 905	743 031	4
		1997.. 917 401	140 925	776 476	X
33141	Nonferrous metal (except aluminum) smelting & refining.....	2000.. 234 823	75 615	159 208	13
		1999.. 323 972	61 653	262 320	10
		1998.. 333 575	41 828	291 746	2
		1997.. 346 123	52 275	293 848	X
331411	Primary smelting & refining of copper .....	2000.. 53 159	22 336	30 824	1
		1999.. 139 721	10 153	129 568	1
		1998.. 177 881	9 372	168 509	1
		1997.. 184 604	12 665	171 939	X
331419	Other nonferrous metal primary smelting & refining.....	2000.. 181 664	53 279	128 384	17
		1999.. 184 251	51 500	132 752	17
		1998.. 155 694	32 456	123 237	4
		1997.. 161 519	39 610	121 909	X
33142	Copper rolling, drawing, extruding, & alloying.....	2000.. 169 310	12 245	157 065	3
		1999.. 182 052	24 810	157 242	6
		1998.. 190 606	15 524	175 081	12
		1997.. 202 635	21 922	180 713	X
331421	Copper rolling, drawing, & extruding .....	2000.. 129 091	9 805	119 285	3
		1999.. 136 792	11 348	125 445	4
		1998.. 123 487	9 361	114 126	6
		1997.. 144 446	9 345	135 101	X
331422	Copper wire (except mechanical) drawing .....	2000.. 27 899	1 891	26 007	9
		1999.. 36 159	12 939	23 220	25
		1998.. 58 172	5 276	52 896	37
		1997.. 41 788	9 807	31 981	X
331423	Secondary smelting, refining, & alloying of copper .....	2000.. 12 320	548	11 772	13
		1999.. 9 101	524	8 577	12
		1998.. 8 946	887	8 060	21
		1997.. 16 401	2 770	13 631	X
33149	Other nonferrous metal rolling, drawing, extruding, & alloying .....	2000.. 282 253	30 301	251 952	4
		1999.. 309 571	50 394	259 177	3
		1998.. 348 755	72 552	276 203	7
		1997.. 368 643	66 728	301 915	X
331491	Other nonferrous metal rolling, drawing, & extruding .....	2000.. 198 071	15 811	182 260	4
		1999.. 210 832	23 569	187 263	3
		1998.. 239 681	45 152	194 529	9
		1997.. 247 299	28 782	218 517	X
331492	Other nonferrous metal secondary smelting, refining, & alloying .....	2000.. 84 182	14 490	69 692	7
		1999.. 98 738	26 824	71 914	5
		1998.. 109 074	27 400	81 674	8
		1997.. 121 344	37 946	83 398	X
3315	Foundries .....	2000.. 1 374 260	173 953	1 200 308	2
		1999.. 1 315 419	156 648	1 158 771	3
		1998.. 1 316 904	148 696	1 168 208	6
		1997.. 1 317 428	192 680	1 124 748	X
33151	Ferrous metal foundries .....	2000.. 765 713	90 531	675 182	3
		1999.. 718 482	77 757	640 725	3
		1998.. 704 034	70 047	633 987	5
		1997.. 709 540	88 570	620 970	X
331511	Iron foundries .....	2000.. 556 777	58 235	498 542	3
		1999.. 511 039	47 083	463 956	3
		1998.. 517 131	47 499	469 632	5
		1997.. 508 271	54 606	453 665	X
331512	Steel investment foundries .....	2000.. 95 890	14 026	81 863	5
		1999.. 91 890	13 478	78 411	4
		1998.. 70 916	12 139	58 777	19
		1997.. 76 396	11 416	64 980	X
331513	Steel foundries (except investment) .....	2000.. 113 046	18 270	94 776	10
		1999.. 115 553	17 195	98 358	7
		1998.. 115 988	10 410	105 578	9
		1997.. 124 873	22 548	102 325	X
33152	Nonferrous metal foundries .....	2000.. 608 548	83 422	525 126	4
		1999.. 596 937	78 892	518 045	5
		1998.. 612 869	78 649	534 221	11
		1997.. 607 888	104 110	503 778	X
331521	Aluminum die-casting foundries .....	2000.. 220 359	30 012	190 346	5
		1999.. 215 823	29 380	186 443	9
		1998.. 229 187	35 208	193 979	14
		1997.. 222 846	42 936	179 910	X
331522	Nonferrous (except aluminum) die-casting foundries .....	2000.. 81 531	10 652	70 879	6
		1999.. 75 003	10 303	64 700	7
		1998.. 79 326	20 695	58 631	24
		1997.. 83 714	11 541	72 173	X
331524	Aluminum foundries (except die-casting).....	2000.. 236 704	30 329	206 375	8
		1999.. 239 422	27 239	212 183	7
		1998.. 254 581	20 918	233 663	21
		1997.. 240 847	42 212	198 635	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
331	Primary metal mfg—Con.				
3315	Foundries—Con.				
33152	Nonferrous metal foundries—Con.				
331525	Copper foundries (except die-casting) .....	2000.. 26 031	3 574	22 457	19
		1999.. 24 645	3 532	21 113	16
		1998.. 12 148	936	11 212	47
		1997.. 24 949	4 000	20 949	X
331528	Other nonferrous foundries (except die-casting) .....	2000.. 43 924	8 855	35 069	31
		1999.. 42 044	8 438	33 606	29
		1998.. 37 628	892	36 736	27
		1997.. 35 532	3 421	32 111	X
332	Fabricated metal product mfg .....	2000.. 10 041 333	1 213 586	8 827 748	1
		1999.. 9 688 734	1 213 582	8 475 152	2
		1998.. 9 939 312	1 259 245	8 680 067	2
		1997.. 9 368 661	1 327 706	8 040 955	X
3321	Forging & stamping .....	2000.. 1 224 555	159 799	1 064 757	3
		1999.. 1 131 326	120 056	1 011 270	7
		1998.. 1 025 627	161 785	863 841	5
		1997.. 1 071 291	161 975	909 316	X
33211	Forging & stamping .....	2000.. 1 224 555	159 799	1 064 757	3
		1999.. 1 131 326	120 056	1 011 270	7
		1998.. 1 025 627	161 785	863 841	5
		1997.. 1 071 291	161 975	909 316	X
332111	Iron & steel forging .....	2000.. 167 166	17 080	150 086	5
		1999.. 176 354	15 464	160 890	3
		1998.. 195 279	14 914	180 365	13
		1997.. 209 964	23 670	186 294	X
332112	Nonferrous forging .....	2000.. 99 122	21 078	78 044	12
		1999.. 93 769	20 746	73 023	12
		1998.. 51 793	20 369	31 424	1
		1997.. 126 239	21 524	104 715	X
332114	Custom roll forming .....	2000.. 89 906	6 784	83 122	8
		1999.. 69 374	4 388	64 985	7
		1998.. 52 554	9 399	43 154	16
		1997.. 58 607	8 159	50 448	X
332115	Crown & closure mfg .....	2000.. 24 825	1 880	22 946	12
		1999.. 30 796	948	29 849	8
		1998.. 53 501	8 840	44 661	4
		1997.. 51 421	3 833	47 588	X
332116	Metal stamping .....	2000.. 726 546	107 055	619 491	4
		1999.. 588 487	63 893	524 594	5
		1998.. 586 788	97 564	489 224	7
		1997.. 544 083	94 561	449 522	X
332117	Powder metallurgy part mfg .....	2000.. 116 990	5 923	111 067	17
		1999.. 172 546	14 617	157 929	41
		1998.. 85 712	10 699	75 013	6
		1997.. 80 977	10 228	70 749	X
3322	Cutlery & handtool mfg .....	2000.. 569 254	44 669	524 585	3
		1999.. 546 495	47 418	499 077	4
		1998.. 681 570	38 021	643 549	9
		1997.. 539 985	47 045	492 940	X
33221	Cutlery & handtool mfg .....	2000.. 569 254	44 669	524 585	3
		1999.. 546 495	47 418	499 077	4
		1998.. 681 570	38 021	643 549	9
		1997.. 539 985	47 045	492 940	X
332211	Cutlery & flatware (except precious) mfg .....	2000.. 171 776	9 818	161 958	5
		1999.. 176 428	13 413	163 015	5
		1998.. 325 624	7 130	318 495	11
		1997.. 208 248	6 522	201 726	X
332212	Hand & edge tool mfg .....	2000.. 312 245	32 220	280 025	5
		1999.. 294 852	32 559	262 293	6
		1998.. 251 409	23 219	228 190	16
		1997.. 237 147	30 282	206 865	X
332213	Saw blade & handsaw mfg .....	2000.. 58 876	1 390	57 486	10
		1999.. 49 651	705	48 946	11
		1998.. 74 364	3 293	71 070	31
		1997.. 67 086	6 697	60 389	X
332214	Kitchen utensil, pot, & pan mfg .....	2000.. 26 357	1 241	25 116	11
		1999.. 25 565	741	24 823	30
		1998.. 30 174	4 379	25 795	20
		1997.. 27 504	3 544	23 960	X
3323	Architectural & structural metals mfg .....	2000.. 1 654 687	280 045	1 374 642	2
		1999.. 1 630 739	286 957	1 343 782	3
		1998.. 1 465 818	232 009	1 233 809	4
		1997.. 1 267 964	251 943	1 016 021	X
33231	Plate work & fabricated structural product mfg ....	2000.. 626 862	151 962	474 900	4
		1999.. 606 126	161 704	444 421	3
		1998.. 471 191	81 926	389 266	5
		1997.. 446 420	103 897	342 523	X
332311	Prefabricated metal building & component mfg .....	2000.. 118 727	30 396	88 331	9
		1999.. 110 426	29 277	81 149	7
		1998.. 91 257	10 672	80 585	15
		1997.. 71 652	15 995	55 657	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
332	Fabricated metal product mfg—Con.				
3323	Architectural & structural metals mfg—Con.				
33231	Plate work & fabricated structural product mfg—Con.				
332312	Fabricated structural metal mfg.....	2000.. 413 626	105 145	308 482	4
		1999.. 400 308	115 541	284 767	4
		1998.. 301 811	60 862	240 949	4
		1997.. 297 513	72 061	225 452	X
332313	Plate work mfg.....	2000.. 94 509	16 422	78 087	10
		1999.. 95 391	16 886	78 505	10
		1998.. 78 124	10 392	67 732	14
		1997.. 77 255	15 841	61 414	X
33232	Ornamental & architectural metal products mfg...	2000.. 1 027 825	128 083	899 742	3
		1999.. 1 024 614	125 253	899 361	4
		1998.. 994 627	150 083	844 544	6
		1997.. 821 544	148 046	673 498	X
332321	Metal window & door mfg.....	2000.. 262 090	32 776	229 314	5
		1999.. 272 179	31 930	240 248	5
		1998.. 299 437	42 982	256 455	15
		1997.. 189 269	40 850	148 419	X
332322	Sheet metal work mfg.....	2000.. 633 963	75 602	558 360	5
		1999.. 623 204	76 199	547 005	5
		1998.. 573 032	91 325	481 707	7
		1997.. 533 363	92 334	441 029	X
332323	Ornamental & architectural metal work mfg....	2000.. 131 772	19 704	112 068	8
		1999.. 129 231	17 124	112 107	8
		1998.. 122 157	15 776	106 381	11
		1997.. 98 912	14 862	84 050	X
3324	Boiler, tank, & shipping container mfg.....	2000.. 577 865	46 954	530 911	4
		1999.. 602 918	109 784	493 133	7
		1998.. 603 102	81 300	521 802	7
		1997.. 583 680	79 745	503 935	X
33241	Power boiler & heat exchanger mfg.....	2000.. 87 412	7 704	79 708	13
		1999.. 137 629	53 536	84 093	30
		1998.. 122 638	28 957	93 681	28
		1997.. 99 835	18 362	81 473	X
332410	Power boiler & heat exchanger mfg.....	2000.. 87 412	7 704	79 708	13
		1999.. 137 629	53 536	84 093	30
		1998.. 122 638	28 957	93 681	28
		1997.. 99 835	18 362	81 473	X
33242	Metal tank (heavy gauge) mfg.....	2000.. 121 702	12 101	109 601	9
		1999.. 133 415	17 633	115 781	8
		1998.. 125 843	21 483	104 360	12
		1997.. 122 434	27 573	94 861	X
332420	Metal tank (heavy gauge) mfg.....	2000.. 121 702	12 101	109 601	9
		1999.. 133 415	17 633	115 781	8
		1998.. 125 843	21 483	104 360	12
		1997.. 122 434	27 573	94 861	X
33243	Metal can, box, & other metal container (light gauge) mfg.....	2000.. 368 751	27 149	341 602	4
		1999.. 331 874	38 615	293 259	4
		1998.. 354 621	30 860	323 761	5
		1997.. 361 411	33 810	327 601	X
332431	Metal can mfg.....	2000.. 288 809	17 111	271 698	4
		1999.. 249 360	14 511	234 850	3
		1998.. 271 140	18 281	252 860	1
		1997.. 302 869	22 722	280 147	X
332439	Other metal container mfg.....	2000.. 79 942	10 038	69 904	10
		1999.. 82 514	24 104	58 410	13
		1998.. 83 481	12 579	70 902	20
		1997.. 58 542	11 088	47 454	X
3325	Hardware mfg.....	2000.. 404 104	53 051	351 053	7
		1999.. 350 881	26 846	324 035	5
		1998.. 352 695	25 834	326 862	6
		1997.. 383 483	52 944	330 539	X
33251	Hardware mfg.....	2000.. 404 104	53 051	351 053	7
		1999.. 350 881	26 846	324 035	5
		1998.. 352 695	25 834	326 862	6
		1997.. 383 483	52 944	330 539	X
332510	Hardware mfg.....	2000.. 404 104	53 051	351 053	7
		1999.. 350 881	26 846	324 035	5
		1998.. 352 695	25 834	326 862	6
		1997.. 383 483	52 944	330 539	X
3326	Spring & wire product mfg.....	2000.. 300 420	35 352	265 068	4
		1999.. 337 399	39 402	297 997	5
		1998.. 346 446	48 110	298 336	10
		1997.. 341 324	63 680	277 644	X
33261	Spring & wire product mfg.....	2000.. 300 420	35 352	265 068	4
		1999.. 337 399	39 402	297 997	5
		1998.. 346 446	48 110	298 336	10
		1997.. 341 324	63 680	277 644	X
332611	Spring (heavy gauge) mfg.....	2000.. 31 204	1 040	30 164	14
		1999.. 36 905	7 567	29 338	16
		1998.. 43 498	8 343	35 155	41
		1997.. 49 756	10 330	39 426	X

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**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

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		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
332	Fabricated metal product mfg—Con.				
3326	Spring & wire product mfg—Con.				
33261	Spring & wire product mfg—Con.				
332612	Spring (light gauge) mfg .....	2000.. 109 577	14 021	95 557	8
		1999.. 129 107	12 649	116 457	8
		1998.. 154 219	21 158	133 060	15
		1997.. 109 228	16 221	93 007	X
332618	Other fabricated wire product mfg .....	2000.. 159 638	20 292	139 347	5
		1999.. 171 387	19 185	152 202	6
		1998.. 148 729	18 609	130 121	11
		1997.. 182 340	37 129	145 211	X
3327	Machine shops, turned product, & screw, nut, & bolt mfg .....	2000.. 2 828 024	253 645	2 574 379	4
		1999.. 2 694 013	176 147	2 437 865	4
		1998.. 2 708 835	293 670	2 415 165	5
		1997.. 2 527 260	289 159	2 238 101	X
33271	Machine shops .....	2000.. 1 851 853	166 617	1 685 236	5
		1999.. 1 736 842	176 725	1 560 117	7
		1998.. 1 704 551	188 007	1 516 544	5
		1997.. 1 552 641	178 571	1 374 070	X
332710	Machine shops .....	2000.. 1 851 853	166 617	1 685 236	5
		1999.. 1 736 842	176 725	1 560 117	7
		1998.. 1 704 551	188 007	1 516 544	5
		1997.. 1 552 641	178 571	1 374 070	X
33272	Turned product & screw, nut, & bolt mfg .....	2000.. 976 171	87 028	889 143	5
		1999.. 957 171	79 422	877 748	5
		1998.. 1 004 284	105 662	898 622	8
		1997.. 974 619	110 588	864 031	X
332721	Precision turned product mfg .....	2000.. 581 508	41 643	539 865	7
		1999.. 582 423	37 985	544 439	7
		1998.. 652 674	82 546	570 128	11
		1997.. 578 189	68 462	509 727	X
332722	Bolt, nut, screw, rivet, & washer mfg .....	2000.. 394 663	45 385	349 278	7
		1999.. 374 747	41 438	333 310	6
		1998.. 351 610	23 116	328 494	6
		1997.. 396 430	42 126	354 304	X
3328	Coating, engraving, heat treating, & allied activities .....	2000.. 758 342	116 474	641 868	4
		1999.. 746 759	115 093	631 666	3
		1998.. 986 566	131 336	855 230	7
		1997.. 899 847	143 754	756 093	X
33281	Coating, engraving, heat treating, & allied activities .....	2000.. 758 342	116 474	641 868	4
		1999.. 746 759	115 093	631 666	3
		1998.. 986 566	131 336	855 230	7
		1997.. 899 847	143 754	756 093	X
332811	Metal heat treating .....	2000.. 211 360	30 903	180 457	10
		1999.. 198 607	35 263	163 344	6
		1998.. 345 468	35 311	310 158	17
		1997.. 292 270	39 083	253 187	X
332812	Metal coating/engraving (exc jewelry/silverware)/allied services .....	2000.. 291 597	64 274	227 324	7
		1999.. 301 286	58 865	242 421	6
		1998.. 328 193	58 438	269 755	6
		1997.. 313 368	46 200	267 168	X
332813	Electroplating, plating, polishing, anodizing, & coloring .....	2000.. 255 385	21 297	234 088	4
		1999.. 246 867	20 964	225 902	5
		1998.. 312 905	37 587	275 318	11
		1997.. 294 209	58 471	235 738	X
3329	Other fabricated metal product mfg .....	2000.. 1 724 083	223 597	1 500 485	2
		1999.. 1 648 204	211 878	1 436 325	2
		1998.. 1 768 652	247 180	1 521 472	3
		1997.. 1 753 827	237 461	1 516 366	X
33291	Metal valve mfg .....	2000.. 706 756	94 142	612 614	4
		1999.. 672 574	88 276	584 299	4
		1998.. 758 579	123 819	634 761	7
		1997.. 756 074	111 586	644 488	X
332911	Industrial valve mfg .....	2000.. 322 644	32 703	289 940	9
		1999.. 293 140	30 082	263 057	9
		1998.. 336 126	50 617	285 509	10
		1997.. 317 610	50 086	267 524	X
332912	Fluid power valve & hose fitting mfg .....	2000.. 214 586	34 280	180 306	4
		1999.. 213 589	32 696	180 893	4
		1998.. 241 403	41 307	200 096	11
		1997.. 244 431	33 993	210 438	X
332913	Plumbing fixture fitting & trim mfg .....	2000.. 68 260	9 052	59 207	8
		1999.. 68 805	8 584	60 221	11
		1998.. 78 365	6 448	71 917	28
		1997.. 85 463	7 220	78 243	X
332919	Other metal valve & pipe fitting mfg .....	2000.. 101 267	18 107	83 160	8
		1999.. 97 041	16 913	80 127	8
		1998.. 102 685	25 446	77 238	9
		1997.. 108 570	20 287	88 283	X

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		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
332	Fabricated metal product mfg—Con.				
3329	Other fabricated metal product mfg—Con.				
33299	All other fabricated metal product mfg .....	2000.. 1 017 327	129 455	887 872	3
		1999.. 975 629	123 603	852 027	3
		1998.. 1 010 073	123 362	886 711	4
		1997.. 997 753	125 875	871 878	X
332991	Ball & roller bearing mfg .....	2000.. 298 324	28 297	270 027	4
		1999.. 295 149	26 491	268 658	5
		1998.. 330 986	39 816	291 170	6
		1997.. 309 041	35 669	273 372	X
332992	Small arms ammunition mfg .....	2000.. 37 218	2 166	35 052	4
		1999.. 33 813	4 541	29 272	3
		1998.. 20 406	2 299	18 107	1
		1997.. 26 740	2 564	24 176	X
332993	Ammunition (except small arms) mfg .....	2000.. 28 941	5 366	23 576	10
		1999.. 26 939	4 360	22 579	6
		1998.. 28 960	5 114	23 846	5
		1997.. 27 963	3 531	24 432	X
332994	Small arms mfg .....	2000.. 34 066	3 324	30 742	11
		1999.. 25 861	3 008	22 853	6
		1998.. 33 333	1 858	31 475	19
		1997.. 32 620	3 074	29 546	X
332995	Other ordnance & accessories mfg .....	2000.. 14 908	1 688	13 221	3
		1999.. 19 411	1 485	17 926	2
		1998.. 19 142	3 006	16 136	6
		1997.. 18 035	2 238	15 797	X
332996	Fabricated pipe & pipe fitting mfg .....	2000.. 119 505	12 873	106 633	7
		1999.. 111 155	9 384	101 771	7
		1998.. 147 541	20 174	127 367	9
		1997.. 146 922	25 452	121 470	X
332997	Industrial pattern mfg .....	2000.. 30 431	1 539	28 892	3
		1999.. 28 531	1 325	27 205	2
		1998.. 35 269	4 991	30 278	21
		1997.. 35 643	3 406	32 237	X
332998	Enameled iron & metal sanitary ware mfg.....	2000.. 39 445	8 899	30 546	12
		1999.. 38 753	8 280	30 472	3
		1998.. 42 965	3 343	39 622	1
		1997.. 53 323	3 975	49 348	X
332999	All other miscellaneous fabricated metal product mfg.....	2000.. 414 489	65 304	349 184	6
		1999.. 396 018	64 728	331 290	6
		1998.. 351 472	42 761	308 711	7
		1997.. 347 466	45 966	301 500	X
333	Machinery mfg .....	2000.. 9 308 077	1 552 854	7 755 223	2
		1999.. 9 298 438	1 598 713	7 699 725	2
		1998.. 9 527 555	1 725 118	7 802 437	2
		1997.. 8 835 703	1 666 492	7 169 211	X
3331	Agriculture, construction, & mining machinery mfg ..	2000.. 1 184 899	258 203	926 697	3
		1999.. 1 255 913	195 432	1 060 481	5
		1998.. 1 500 942	279 960	1 220 982	4
		1997.. 1 477 965	257 867	1 220 098	X
33311	Agricultural implement mfg .....	2000.. 513 116	101 993	411 122	4
		1999.. 462 820	56 043	406 777	5
		1998.. 677 242	123 453	553 789	9
		1997.. 693 333	114 158	579 175	X
333111	Farm machinery & equipment mfg .....	2000.. 358 018	83 003	275 015	6
		1999.. 332 334	50 152	282 183	6
		1998.. 439 579	54 050	385 529	5
		1997.. 508 933	88 904	420 029	X
333112	Lawn & garden tractor & home lawn & garden equipment mfg .....	2000.. 155 098	18 990	136 108	2
		1999.. 130 485	5 891	124 594	4
		1998.. 237 663	69 403	168 261	24
		1997.. 184 400	25 254	159 146	X
33312	Construction machinery mfg .....	2000.. 473 663	101 043	372 620	6
		1999.. 572 739	90 621	482 119	10
		1998.. 584 693	116 239	468 454	4
		1997.. 492 550	108 289	384 261	X
333120	Construction machinery mfg .....	2000.. 473 663	101 043	372 620	6
		1999.. 572 739	90 621	482 119	10
		1998.. 584 693	116 239	468 454	4
		1997.. 492 550	108 289	384 261	X
33313	Mining & oil & gas field machinery mfg .....	2000.. 198 121	55 167	142 954	6
		1999.. 220 354	48 769	171 586	8
		1998.. 239 007	40 268	198 739	5
		1997.. 292 082	35 420	256 662	X
333131	Mining machinery & equipment mfg .....	2000.. 44 370	5 191	39 180	20
		1999.. 57 653	8 753	48 900	13
		1998.. 40 462	5 019	35 443	7
		1997.. 62 942	11 460	51 482	X
333132	Oil & gas field machinery & equipment mfg ....	2000.. 153 750	49 976	103 774	5
		1999.. 162 701	40 016	122 686	9
		1998.. 198 544	35 249	163 295	6
		1997.. 229 140	23 960	205 180	X

See footnotes at end of table.

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
333	Machinery mfg—Con.				
3332	Industrial machinery mfg .....	2000.. 1 521 633	415 537	1 106 097	4
		1999.. 1 385 722	409 600	976 123	3
		1998.. 1 607 183	547 732	1 059 450	6
		1997.. 1 439 653	383 490	1 056 163	X
33321	Sawmill & woodworking machinery mfg.....	2000.. 29 425	3 709	25 716	10
		1999.. 40 953	5 717	35 236	10
		1998.. 35 043	2 910	32 133	19
		1997.. 18 078	2 426	15 652	X
333210	Sawmill & woodworking machinery mfg.....	2000.. 29 425	3 709	25 716	10
		1999.. 40 953	5 717	35 236	10
		1998.. 35 043	2 910	32 133	19
		1997.. 18 078	2 426	15 652	X
33322	Plastics & rubber industry machinery mfg .....	2000.. 110 016	28 600	81 416	13
		1999.. 106 107	26 466	79 640	17
		1998.. 91 385	9 201	82 184	23
		1997.. 92 781	19 802	72 979	X
333220	Plastics & rubber industry machinery mfg .....	2000.. 110 016	28 600	81 416	13
		1999.. 106 107	26 466	79 640	17
		1998.. 91 385	9 201	82 184	23
		1997.. 92 781	19 802	72 979	X
33329	Other industrial machinery mfg .....	2000.. 1 382 192	383 227	998 965	4
		1999.. 1 238 662	377 416	861 246	3
		1998.. 1 480 754	535 621	945 133	7
		1997.. 1 328 794	361 262	967 532	X
333291	Paper industry machinery mfg .....	2000.. 79 151	10 037	69 115	9
		1999.. 79 048	7 947	71 101	11
		1998.. 80 239	14 919	65 319	7
		1997.. 92 590	15 656	76 934	X
333292	Textile machinery mfg .....	2000.. 63 152	4 909	58 244	23
		1999.. 54 101	3 316	50 785	24
		1998.. 54 913	6 773	48 140	18
		1997.. 55 108	6 048	49 060	X
333293	Printing machinery & equipment mfg .....	2000.. 90 552	16 120	74 432	4
		1999.. 79 465	12 117	67 347	7
		1998.. 87 757	11 575	76 181	13
		1997.. 104 415	20 420	83 995	X
333294	Food product machinery mfg .....	2000.. 57 736	5 259	52 477	10
		1999.. 70 573	5 955	64 619	6
		1998.. 61 636	9 772	51 864	21
		1997.. 79 890	18 770	61 120	X
333295	Semiconductor machinery mfg .....	2000.. 812 424	306 293	506 131	5
		1999.. 664 181	296 608	367 573	2
		1998.. 980 608	451 832	528 777	9
		1997.. 683 608	238 567	445 041	X
333298	All other industrial machinery mfg .....	2000.. 279 176	40 611	238 565	10
		1999.. 291 294	51 473	239 821	10
		1998.. 215 601	40 749	174 852	17
		1997.. 313 183	61 801	251 382	X
3333	Commercial & service industry machinery mfg .....	2000.. 890 448	132 681	757 767	13
		1999.. 779 150	133 994	645 156	8
		1998.. 815 741	187 700	628 041	7
		1997.. 852 640	166 898	685 742	X
33331	Commercial & service industry machinery mfg ...	2000.. 890 448	132 681	757 767	13
		1999.. 779 150	133 994	645 156	8
		1998.. 815 741	187 700	628 041	7
		1997.. 852 640	166 898	685 742	X
333311	Automatic vending machine mfg .....	2000.. 77 319	5 163	72 157	51
		1999.. 95 665	8 184	87 481	53
		1998.. 24 158	3 823	20 334	5
		1997.. 31 938	7 448	24 490	X
333312	Commercial laundry, drycleaning, & pressing machine mfg .....	2000.. 25 539	3 309	22 229	28
		1999.. 21 538	1 925	19 613	35
		1998.. 45 291	5 531	39 760	1
		1997.. 4 212	282	3 930	X
333313	Office machinery mfg .....	2000.. 48 139	1 796	46 343	12
		1999.. 52 121	6 935	45 185	9
		1998.. 62 191	9 133	53 058	10
		1997.. 113 565	16 302	97 263	X
333314	Optical instrument & lens mfg .....	2000.. 317 590	48 927	268 663	35
		1999.. 213 988	36 387	177 601	14
		1998.. 173 134	40 591	132 543	7
		1997.. 172 152	26 351	145 801	X
333315	Photographic & photocopying equipment mfg ..	2000.. 144 609	12 990	131 619	5
		1999.. 125 849	19 871	105 978	6
		1998.. 241 866	61 260	180 605	21
		1997.. 281 641	56 897	224 744	X
333319	Other commercial & service industry machinery mfg .....	2000.. 277 252	60 497	216 755	8
		1999.. 269 990	60 692	209 298	4
		1998.. 269 102	67 361	201 741	8
		1997.. 249 132	59 618	189 514	X

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		A	B	C	A
333	Machinery mfg—Con.				
3334	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 1 073 495	163 564	909 931	4
		1999.. 1 078 809	157 502	921 307	3
		1998.. 1 048 331	112 644	935 687	5
		1997.. 780 414	146 182	634 232	X
33341	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 1 073 495	163 564	909 931	4
		1999.. 1 078 809	157 502	921 307	3
		1998.. 1 048 331	112 644	935 687	5
		1997.. 780 414	146 182	634 232	X
333411	Air purification equipment mfg .....	2000.. 81 672	16 264	65 408	8
		1999.. 59 186	10 510	48 676	15
		1998.. 94 167	29 391	64 776	38
		1997.. 70 118	18 638	51 480	X
333412	Industrial & commercial fan & blower mfg .....	2000.. 43 430	3 948	39 482	6
		1999.. 57 115	10 458	46 657	5
		1998.. 49 644	8 877	40 766	16
		1997.. 54 985	13 405	41 580	X
333414	Heating equipment (except warm air furnaces) mfg .....	2000.. 149 100	10 009	139 091	6
		1999.. 140 280	9 157	131 123	6
		1998.. 273 737	23 681	250 056	8
		1997.. 89 555	20 412	69 143	X
333415	AC & warm air heating & commercial/industrial refrig equip mfg .....	2000.. 799 292	133 343	665 950	5
		1999.. 822 227	127 377	694 851	3
		1998.. 630 783	50 695	580 089	4
		1997.. 565 756	93 727	472 029	X
3335	Metalworking machinery mfg .....	2000.. 1 470 145	131 946	1 338 199	4
		1999.. 1 592 113	201 601	1 390 512	4
		1998.. 1 596 384	212 619	1 383 765	4
		1997.. 1 464 396	228 867	1 235 529	X
33351	Metalworking machinery mfg .....	2000.. 1 470 145	131 946	1 338 199	4
		1999.. 1 592 113	201 601	1 390 512	4
		1998.. 1 596 384	212 619	1 383 765	4
		1997.. 1 464 396	228 867	1 235 529	X
333511	Industrial mold mfg .....	2000.. 342 701	26 684	316 017	8
		1999.. 396 433	42 147	354 286	10
		1998.. 371 366	27 039	344 327	13
		1997.. 357 109	37 768	319 341	X
333512	Machine tool (metal cutting types) mfg .....	2000.. 158 605	22 670	135 935	9
		1999.. 186 081	26 276	159 806	9
		1998.. 224 532	29 011	195 522	10
		1997.. 142 228	46 425	95 803	X
333513	Machine tool (metal forming types) mfg .....	2000.. 54 762	7 988	46 773	9
		1999.. 68 134	21 264	46 870	14
		1998.. 102 898	44 515	58 384	12
		1997.. 92 014	29 850	62 164	X
333514	Special die & tool, die set, jig, & fixture mfg .....	2000.. 532 006	31 290	500 716	8
		1999.. 543 449	52 082	491 367	8
		1998.. 500 909	66 110	434 800	6
		1997.. 500 675	64 462	436 213	X
333515	Cutting tool & machine tool accessory mfg .....	2000.. 283 320	22 325	260 995	6
		1999.. 300 107	37 187	262 919	6
		1998.. 301 136	29 096	272 040	10
		1997.. 275 851	30 516	245 335	X
333516	Rolling mill machinery & equipment mfg .....	2000.. 24 605	1 244	23 360	16
		1999.. 21 474	1 231	20 243	20
		1998.. 13 766	1 562	12 204	21
		1997.. 17 278	2 236	15 042	X
333518	Other metalworking machinery mfg .....	2000.. 74 147	19 745	54 402	8
		1999.. 76 434	21 413	55 022	10
		1998.. 81 776	15 288	66 488	12
		1997.. 79 241	17 610	61 631	X
3336	Engine, turbine, & power transmission equipment mfg .....	2000.. 1 395 140	115 150	1 279 989	2
		1999.. 1 348 001	108 770	1 239 231	5
		1998.. 1 192 270	82 535	1 109 736	1
		1997.. 1 056 406	146 808	909 598	X
33361	Engine, turbine, & power transmission equipment mfg .....	2000.. 1 395 140	115 150	1 279 989	2
		1999.. 1 348 001	108 770	1 239 231	5
		1998.. 1 192 270	82 535	1 109 736	1
		1997.. 1 056 406	146 808	909 598	X
333611	Turbine & turbine generator set unit mfg .....	2000.. 320 514	39 742	280 772	3
		1999.. 309 024	27 366	281 657	20
		1998.. 305 890	26 002	279 888	2
		1997.. 177 434	16 832	160 602	X
333612	Speed changer, industrial high-speed drive, & gear mfg .....	2000.. 83 701	14 690	69 011	8
		1999.. 95 558	10 431	85 127	9
		1998.. 85 251	8 089	77 162	10
		1997.. 116 178	14 582	101 596	X
333613	Mechanical power transmission equipment mfg .....	2000.. 115 136	8 572	106 564	11
		1999.. 148 674	12 762	135 912	16
		1998.. 119 315	10 988	108 327	5
		1997.. 132 116	22 244	109 872	X

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		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
333	Machinery mfg—Con.				
3336	Engine, turbine, & power transmission equipment mfg—Con.				
33361	Engine, turbine, & power transmission equipment mfg—Con.				
333618	Other engine equipment mfg .....	2000.. 875 788	52 146	823 642	3
		1999.. 794 746	58 211	736 535	3
		1998.. 681 814	37 456	644 359	1
		1997.. 630 678	93 150	537 528	X
3339	Other general-purpose machinery mfg .....	2000.. 1 772 316	335 773	1 436 543	3
		1999.. 1 858 730	391 814	1 466 916	2
		1998.. 1 766 704	301 928	1 464 776	4
		1997.. 1 764 229	336 380	1 427 849	X
33391	Pump & compressor mfg .....	2000.. 455 923	75 304	380 619	7
		1999.. 438 241	53 931	384 310	3
		1998.. 448 763	50 599	398 164	13
		1997.. 389 341	57 859	331 482	X
333911	Pump & pumping equipment mfg .....	2000.. 243 826	60 103	183 722	10
		1999.. 190 467	34 287	156 180	6
		1998.. 227 359	24 797	202 563	8
		1997.. 187 479	18 550	168 929	X
333912	Air & gas compressor mfg .....	2000.. 184 628	13 707	170 920	11
		1999.. 207 641	11 650	195 991	3
		1998.. 192 160	22 902	169 258	28
		1997.. 169 494	37 139	132 355	X
333913	Measuring & dispensing pump mfg .....	2000.. 27 469	1 493	25 976	4
		1999.. 40 133	7 994	32 139	3
		1998.. 29 243	2 901	26 343	9
		1997.. 32 368	2 170	30 198	X
33392	Material handling equipment mfg .....	2000.. 407 358	152 266	255 092	3
		1999.. 442 739	153 185	289 554	3
		1998.. 341 935	95 476	246 459	6
		1997.. 415 238	118 554	296 684	X
333921	Elevator & moving stairway mfg .....	2000.. 34 184	17 425	16 760	10
		1999.. 42 856	19 017	23 839	8
		1998.. 50 463	20 893	29 571	6
		1997.. 40 247	9 778	30 469	X
333922	Conveyor & conveying equipment mfg .....	2000.. 138 446	54 748	83 699	6
		1999.. 167 548	69 010	98 538	7
		1998.. 125 220	36 471	88 750	13
		1997.. 149 846	44 901	104 945	X
333923	Overhead traveling crane, hoist, & monorail system mfg .....	2000.. 130 969	57 111	73 858	6
		1999.. 106 628	36 378	70 250	7
		1998.. 62 494	16 983	45 511	6
		1997.. 85 247	26 721	58 526	X
333924	Industrial truck, tractor, trailer, & stacker machinery mfg .....	2000.. 103 758	22 983	80 775	4
		1999.. 125 707	28 780	96 927	5
		1998.. 103 758	21 130	82 628	9
		1997.. 139 998	37 154	102 744	X
33399	All other general-purpose machinery mfg .....	2000.. 909 036	108 203	800 832	4
		1999.. 977 750	184 699	793 052	4
		1998.. 976 006	155 853	820 153	4
		1997.. 959 650	159 967	799 683	X
333991	Power-driven handtool mfg .....	2000.. 116 809	9 199	107 610	6
		1999.. 103 887	5 203	98 684	4
		1998.. 100 504	10 655	89 849	1
		1997.. 129 232	18 484	110 748	X
333992	Welding & soldering equipment mfg .....	2000.. 103 533	19 740	83 793	20
		1999.. 69 527	7 766	61 762	11
		1998.. 83 873	12 432	71 441	3
		1997.. 122 871	23 279	99 592	X
333993	Packaging machinery mfg .....	2000.. 87 409	7 148	80 262	11
		1999.. 92 101	20 668	71 434	7
		1998.. 113 234	19 818	93 416	13
		1997.. 122 256	22 953	99 303	X
333994	Industrial process furnace & oven mfg .....	2000.. 74 671	5 959	68 712	16
		1999.. 100 501	33 242	67 259	12
		1998.. 46 774	4 194	42 580	21
		1997.. 65 381	17 045	48 336	X
333995	Fluid power cylinder & actuator mfg .....	2000.. 136 320	22 384	113 936	7
		1999.. 151 748	19 579	132 169	4
		1998.. 158 487	30 935	127 552	19
		1997.. 111 723	9 935	101 788	X
333996	Fluid power pump & motor mfg .....	2000.. 110 033	7 313	102 720	13
		1999.. 113 979	11 661	102 318	11
		1998.. 143 708	11 509	132 199	14
		1997.. 112 115	20 875	91 240	X
333997	Scale & balance (except laboratory) mfg .....	2000.. 10 967	1 106	9 861	16
		1999.. 20 443	4 344	16 099	21
		1998.. 29 688	8 203	21 485	38
		1997.. 10 804	1 413	9 391	X
333999	All other miscellaneous general-purpose machinery mfg .....	2000.. 269 293	35 355	233 939	3
		1999.. 325 563	82 236	243 327	8
		1998.. 299 739	58 108	241 631	4
		1997.. 285 268	45 983	239 285	X

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			(\$1,000)	(\$1,000)	(\$1,000)	
			A	B	C	A
334	Computer & electronic product mfg .....	2000..	28 164 802	5 698 603	22 466 199	2
		1999..	21 292 623	3 373 339	17 919 284	1
		1998..	22 804 697	4 294 627	18 510 070	2
		1997..	24 768 490	4 416 765	20 351 725	X
3341	Computer & peripheral equipment mfg .....	2000..	2 471 390	342 529	2 128 862	2
		1999..	2 677 857	506 872	2 170 985	4
		1998..	3 389 122	568 259	2 820 863	1
		1997..	3 455 102	601 307	2 853 795	X
33411	Computer & peripheral equipment mfg .....	2000..	2 471 390	342 529	2 128 862	2
		1999..	2 677 857	506 872	2 170 985	4
		1998..	3 389 122	568 259	2 820 863	1
		1997..	3 455 102	601 307	2 853 795	X
334111	Electronic computer mfg .....	2000..	823 005	169 050	653 954	1
		1999..	717 885	226 705	491 180	1
		1998..	696 178	261 374	434 804	1
		1997..	1 065 684	140 245	925 439	X
334112	Computer storage device mfg .....	2000..	680 067	79 328	600 739	4
		1999..	916 068	156 848	759 220	2
		1998..	1 200 602	173 608	1 026 994	1
		1997..	1 386 644	322 025	1 064 619	X
334113	Computer terminal mfg .....	2000..	60 277	244	60 033	26
		1999..	67 407	1 159	66 248	53
		1998..	30 697	1 762	28 935	14
		1997..	34 716	6 287	28 429	X
334119	Other computer peripheral equipment mfg .....	2000..	908 041	93 906	814 135	3
		1999..	976 497	122 160	854 336	10
		1998..	1 461 646	131 516	1 330 130	3
		1997..	968 058	132 750	835 308	X
3342	Communications equipment mfg .....	2000..	4 017 744	598 081	3 419 663	8
		1999..	3 124 896	404 551	2 720 346	8
		1998..	3 304 255	665 545	2 638 710	8
		1997..	3 210 281	546 008	2 664 273	X
33421	Telephone apparatus mfg .....	2000..	1 716 854	224 961	1 491 893	8
		1999..	1 643 858	221 279	1 422 579	4
		1998..	1 329 885	383 592	946 293	1
		1997..	1 220 355	188 818	1 031 537	X
334210	Telephone apparatus mfg .....	2000..	1 716 854	224 961	1 491 893	8
		1999..	1 643 858	221 279	1 422 579	4
		1998..	1 329 885	383 592	946 293	1
		1997..	1 220 355	188 818	1 031 537	X
33422	Radio & TV broadcasting & wireless communications equipment mfg .....	2000..	2 140 049	354 394	1 785 655	14
		1999..	1 334 028	169 632	1 164 396	5
		1998..	1 749 425	266 937	1 482 488	15
		1997..	1 841 106	324 453	1 516 653	X
334220	Radio & TV broadcasting & wireless communications equipment mfg .....	2000..	2 140 049	354 394	1 785 655	14
		1999..	1 334 028	169 632	1 164 396	5
		1998..	1 749 425	266 937	1 482 488	15
		1997..	1 841 106	324 453	1 516 653	X
33429	Other communications equipment mfg .....	2000..	160 841	18 725	142 116	5
		1999..	147 011	13 640	133 371	6
		1998..	224 945	15 016	209 929	6
		1997..	148 820	32 737	116 083	X
334290	Other communications equipment mfg .....	2000..	160 841	18 725	142 116	5
		1999..	147 011	13 640	133 371	6
		1998..	224 945	15 016	209 929	6
		1997..	148 820	32 737	116 083	X
3343	Audio & video equipment mfg .....	2000..	187 965	30 533	157 432	8
		1999..	174 760	18 258	156 502	6
		1998..	167 144	20 836	146 309	8
		1997..	207 897	57 272	150 625	X
33431	Audio & video equipment mfg .....	2000..	187 965	30 533	157 432	8
		1999..	174 760	18 258	156 502	6
		1998..	167 144	20 836	146 309	8
		1997..	207 897	57 272	150 625	X
334310	Audio & video equipment mfg .....	2000..	187 965	30 533	157 432	8
		1999..	174 760	18 258	156 502	6
		1998..	167 144	20 836	146 309	8
		1997..	207 897	57 272	150 625	X
3344	Semiconductor & other electronic component mfg ..	2000..	17 545 288	3 978 819	13 566 469	2
		1999..	11 472 795	1 774 023	9 698 772	2
		1998..	11 779 277	2 389 201	9 390 076	2
		1997..	14 033 279	2 516 667	11 516 612	X
33441	Semiconductor & other electronic component mfg .....	2000..	17 545 288	3 978 819	13 566 469	2
		1999..	11 472 795	1 774 023	9 698 772	2
		1998..	11 779 277	2 389 201	9 390 076	2
		1997..	14 033 279	2 516 667	11 516 612	X
334411	Electron tube mfg .....	2000..	84 595	10 470	74 124	2
		1999..	104 761	16 543	88 218	1
		1998..	121 733	13 023	108 710	4
		1997..	159 621	48 853	110 768	X
334412	Bare printed circuit board mfg .....	2000..	719 069	85 993	633 077	6
		1999..	687 556	94 783	592 773	7
		1998..	747 589	95 181	652 408	15
		1997..	609 125	107 308	501 817	X

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[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
334	Computer & electronic product mfg—Con.				
3344	Semiconductor & other electronic component mfg—Con.				
33441	Semiconductor & other electronic component mfg—Con.				
334413	Semiconductor & related device mfg .....	2000.. 14 634 690	3 558 245	11 076 445	2
		1999.. 9 155 459	1 441 006	7 714 453	2
		1998.. 9 267 530	2 047 393	7 220 137	2
		1997.. 11 531 803	2 127 957	9 403 846	X
334414	Electronic capacitor mfg .....	2000.. 282 155	19 340	262 816	13
		1999.. 122 002	8 986	113 015	13
		1998.. 158 673	15 161	143 512	11
		1997.. 127 856	17 099	110 757	X
334415	Electronic resistor mfg .....	2000.. 45 987	1 309	44 678	6
		1999.. 32 572	1 247	31 325	9
		1998.. 58 128	3 926	54 202	10
		1997.. 55 435	6 875	48 560	X
334416	Electronic coil, transformer, & other inductor mfg .....	2000.. 52 822	4 822	47 999	9
		1999.. 50 304	9 053	41 251	11
		1998.. 58 130	12 539	45 591	12
		1997.. 36 859	6 012	30 847	7
334417	Electronic connector mfg .....	2000.. 348 441	30 914	317 527	7
		1999.. 237 204	19 888	217 315	12
		1998.. 338 160	47 946	290 214	9
		1997.. 233 327	23 790	209 537	X
334418	Printed circuit assembly (electronic assembly) mfg .....	2000.. 916 873	217 641	699 232	8
		1999.. 701 574	152 437	549 137	5
		1998.. 706 571	120 447	586 124	7
		1997.. 862 227	131 744	730 483	X
334419	Other electronic component mfg .....	2000.. 460 656	50 085	410 571	5
		1999.. 381 364	30 079	351 285	5
		1998.. 322 762	33 584	289 178	3
		1997.. 417 026	47 029	369 997	X
3345	Navigational, measuring, medical, & control instruments mfg .....	2000.. 3 259 456	676 410	2 583 046	2
		1999.. 3 083 441	583 245	2 500 196	2
		1998.. 3 395 508	565 183	2 830 325	4
		1997.. 3 005 990	569 474	2 436 516	X
33451	Navigational, measuring, medical, & control instruments mfg .....	2000.. 3 259 456	676 410	2 583 046	2
		1999.. 3 083 441	583 245	2 500 196	2
		1998.. 3 395 508	565 183	2 830 325	4
		1997.. 3 005 990	569 474	2 436 516	X
334510	Electromedical & electrotherapeutic apparatus mfg .....	2000.. 363 123	67 444	295 679	4
		1999.. 351 717	68 585	283 132	5
		1998.. 440 843	72 321	368 522	12
		1997.. 432 245	78 726	353 519	X
334511	Search, detection, navigation, & guidance instrument mfg .....	2000.. 1 035 098	161 046	874 052	3
		1999.. 1 011 519	152 902	858 617	7
		1998.. 1 158 007	194 338	963 669	10
		1997.. 1 021 048	186 724	834 324	X
334512	Automatic environmental control mfg .....	2000.. 89 134	6 594	82 540	5
		1999.. 85 863	5 491	80 372	4
		1998.. 115 185	11 954	103 231	7
		1997.. 114 952	11 523	103 429	X
334513	Industrial process control instrument mfg .....	2000.. 193 373	23 160	170 213	3
		1999.. 219 806	40 987	178 819	7
		1998.. 305 734	37 307	268 427	8
		1997.. 208 434	33 144	175 290	X
334514	Totalizing fluid meter & counting device mfg ...	2000.. 130 641	14 022	116 619	17
		1999.. 128 096	10 437	117 659	6
		1998.. 131 307	12 466	118 841	6
		1997.. 116 807	11 228	105 579	X
334515	Electricity measuring & testing instrument mfg ..	2000.. 781 473	237 713	543 759	3
		1999.. 662 766	158 224	504 542	2
		1998.. 647 572	132 528	515 044	4
		1997.. 667 632	165 244	502 388	X
334516	Analytical laboratory instrument mfg .....	2000.. 303 470	52 562	250 908	11
		1999.. 305 732	64 573	241 159	14
		1998.. 329 347	59 146	270 200	3
		1997.. 207 449	44 868	162 581	X
334517	Irradiation apparatus mfg .....	2000.. 124 022	38 407	85 614	11
		1999.. 121 874	32 124	89 750	10
		1998.. 72 170	4 721	67 449	1
		1997.. 75 942	8 710	67 232	X
334518	Watch, clock, & part mfg .....	2000.. 44 131	12 270	31 861	3
		1999.. 37 743	7 376	30 367	6
		1998.. 30 855	6 492	24 363	11
		1997.. 26 215	4 792	21 423	X
334519	Other measuring & controlling device mfg .....	2000.. 194 991	63 191	131 800	14
		1999.. 158 323	42 545	115 779	12
		1998.. 164 489	33 911	130 579	7
		1997.. 135 266	24 515	110 751	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
334	Computer & electronic product mfg—Con.				
3346	Mfg & reproducing magnetic & optical media . . . . .	2000.. 682 959	72 231	610 727	3
		1999.. 758 874	86 391	672 483	7
		1998.. 769 391	85 603	683 788	5
		1997.. 855 941	126 037	729 904	X
33461	Mfg & reproducing magnetic & optical media . . . . .	2000.. 682 959	72 231	610 727	3
		1999.. 758 874	86 391	672 483	7
		1998.. 769 391	85 603	683 788	5
		1997.. 855 941	126 037	729 904	X
334611	Software reproducing . . . . .	2000.. 47 666	3 934	43 733	10
		1999.. 71 299	4 406	66 892	22
		1998.. 104 733	5 036	99 697	25
		1997.. 133 552	13 050	120 502	X
334612	Prerecorded CD (except software), tape, & record reproducing . . . . .	2000.. 374 028	29 979	344 049	5
		1999.. 383 440	48 332	335 108	12
		1998.. 353 222	41 626	311 596	7
		1997.. 282 507	33 232	249 275	X
334613	Magnetic & optical recording media mfg . . . . .	2000.. 261 264	38 319	222 945	1
		1999.. 304 135	33 652	270 483	4
		1998.. 311 435	38 940	272 495	2
		1997.. 439 882	79 755	360 127	X
335	Electrical equipment, appliance, & component mfg . . . . .	2000.. 3 912 225	465 041	3 447 184	2
		1999.. 3 680 176	499 063	3 181 113	2
		1998.. 4 012 230	637 653	3 374 577	3
		1997.. 3 598 750	650 198	2 948 552	X
3351	Electric lighting equipment mfg . . . . .	2000.. 399 428	46 319	353 109	6
		1999.. 394 683	81 474	313 209	6
		1998.. 404 994	46 513	358 481	10
		1997.. 406 549	74 995	331 554	X
33511	Electric lamp bulb & part mfg . . . . .	2000.. 121 608	2 859	118 748	16
		1999.. 84 540	3 341	81 198	9
		1998.. 143 941	2 611	141 330	5
		1997.. 173 922	17 354	156 568	X
335110	Electric lamp bulb & part mfg . . . . .	2000.. 121 608	2 859	118 748	16
		1999.. 84 540	3 341	81 198	9
		1998.. 143 941	2 611	141 330	5
		1997.. 173 922	17 354	156 568	X
33512	Lighting fixture mfg . . . . .	2000.. 277 820	43 459	234 361	5
		1999.. 310 143	78 133	232 010	17
		1998.. 261 053	43 902	217 151	5
		1997.. 232 627	57 641	174 986	X
335121	Residential electric lighting fixture mfg . . . . .	2000.. 78 399	14 937	63 462	13
		1999.. 90 621	10 494	80 127	13
		1998.. 115 952	13 011	102 941	30
		1997.. 59 419	10 648	48 771	X
335122	Commercial/industrial/institutional electric lighting fixture mfg . . . . .	2000.. 104 482	15 355	89 127	5
		1999.. 103 224	32 647	70 577	9
		1998.. 55 363	7 554	47 808	7
		1997.. 96 057	32 939	63 118	X
335129	Other lighting equipment mfg . . . . .	2000.. 94 939	13 168	81 772	9
		1999.. 116 298	34 992	81 306	14
		1998.. 89 738	23 336	66 402	23
		1997.. 77 151	14 054	63 097	X
3352	Household appliance mfg . . . . .	2000.. 684 284	53 510	630 774	2
		1999.. 597 481	63 971	533 510	2
		1998.. 650 523	74 044	576 479	14
		1997.. 501 700	63 386	438 314	X
33521	Small electrical appliance mfg . . . . .	2000.. 150 476	12 023	138 453	4
		1999.. 126 512	11 450	115 063	4
		1998.. 174 930	8 123	166 806	27
		1997.. 171 302	30 392	140 910	X
335211	Electric housewares & household fan mfg . . . . .	2000.. 46 659	2 641	44 018	11
		1999.. 54 689	5 302	49 386	7
		1998.. 92 631	3 195	89 436	50
		1997.. 85 862	5 923	79 939	X
335212	Household vacuum cleaner mfg . . . . .	2000.. 103 817	9 382	94 435	2
		1999.. 71 824	6 147	65 677	3
		1998.. 82 299	4 929	77 370	3
		1997.. 85 440	24 469	60 971	X
33522	Major appliance mfg . . . . .	2000.. 533 808	41 487	492 321	2
		1999.. 470 968	52 521	418 447	2
		1998.. 475 593	65 921	409 673	16
		1997.. 330 398	32 994	297 404	X
335221	Household cooking appliance mfg . . . . .	2000.. 118 893	14 878	104 015	3
		1999.. 119 439	15 965	103 474	3
		1998.. 214 299	38 291	176 008	35
		1997.. 135 343	21 886	113 457	X
335222	Household refrigerator & home freezer mfg . . . . .	2000.. 247 994	11 626	236 368	1
		1999.. 165 969	12 607	153 362	1
		1998.. 108 540	6 794	101 747	2
		1997.. 92 679	5 121	87 558	X
335224	Household laundry equipment mfg . . . . .	2000.. 78 720	5 178	73 542	1
		1999.. 99 795	6 819	92 976	1
		1998.. 84 598	4 935	79 663	2
		1997.. 37 355	2 901	34 454	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
335	Electrical equipment, appliance, & component mfg—Con.				
3352	Household appliance mfg—Con.				
33522	Major appliance mfg—Con.				
335228	Other major household appliance mfg . . . . .	2000.. 88 201	9 805	78 396	13
		1999.. 85 765	17 131	68 634	11
		1998.. 68 156	15 901	52 255	1
		1997.. 65 021	3 086	61 935	X
3353	Electrical equipment mfg . . . . .	2000.. 755 499	75 307	680 192	2
		1999.. 808 296	90 568	717 729	2
		1998.. 1 158 368	181 669	976 699	7
		1997.. 988 597	177 096	811 501	X
33531	Electrical equipment mfg . . . . .	2000.. 755 499	75 307	680 192	2
		1999.. 808 296	90 568	717 729	2
		1998.. 1 158 368	181 669	976 699	7
		1997.. 988 597	177 096	811 501	X
335311	Power, distribution, & specialty transformer mfg . . . . .	2000.. 96 065	8 634	87 431	8
		1999.. 100 215	8 795	91 420	4
		1998.. 140 889	21 597	119 292	24
		1997.. 131 848	31 048	100 800	X
335312	Motor & generator mfg . . . . .	2000.. 228 786	15 602	213 185	4
		1999.. 257 851	22 120	235 730	4
		1998.. 393 660	28 871	364 790	8
		1997.. 322 255	36 837	285 418	X
335313	Switchgear & switchboard apparatus mfg . . . . .	2000.. 193 327	8 406	184 921	3
		1999.. 175 190	10 286	164 904	3
		1998.. 206 397	18 031	188 366	2
		1997.. 195 408	36 790	158 618	X
335314	Relay & industrial control mfg . . . . .	2000.. 237 320	42 665	194 655	5
		1999.. 275 041	49 366	225 675	5
		1998.. 417 421	113 171	304 251	14
		1997.. 339 086	72 421	266 665	X
3359	Other electrical equipment & component mfg . . . . .	2000.. 2 073 014	289 906	1 783 108	3
		1999.. 1 879 716	263 050	1 616 666	3
		1998.. 1 798 346	335 428	1 462 918	2
		1997.. 1 701 904	334 721	1 367 183	X
33591	Battery mfg . . . . .	2000.. 398 396	41 964	356 433	11
		1999.. 335 296	48 022	287 274	4
		1998.. 237 795	30 698	207 097	1
		1997.. 301 863	86 837	215 026	X
335911	Storage battery mfg . . . . .	2000.. 240 877	30 978	209 899	8
		1999.. 192 318	25 084	167 233	7
		1998.. 121 576	14 925	106 651	3
		1997.. 171 670	62 393	109 277	X
335912	Primary battery mfg . . . . .	2000.. 157 519	10 986	146 533	26
		1999.. 142 978	22 938	120 040	5
		1998.. 116 219	15 773	100 446	1
		1997.. 130 193	24 444	105 749	X
33592	Communication & energy wire & cable mfg . . . . .	2000.. 925 945	132 948	792 997	5
		1999.. 852 493	124 341	728 152	6
		1998.. 754 197	170 935	583 262	3
		1997.. 608 850	108 407	500 443	X
335921	Fiber optic cable mfg . . . . .	2000.. 373 969	75 436	298 534	4
		1999.. 339 192	51 850	287 342	13
		1998.. 305 567	106 980	198 587	1
		1997.. 192 201	27 194	165 007	X
335929	Other communication & energy wire mfg . . . . .	2000.. 551 975	57 513	494 463	8
		1999.. 513 300	72 491	440 809	5
		1998.. 448 629	63 954	384 675	6
		1997.. 416 649	81 213	335 436	X
33593	Wiring device mfg . . . . .	2000.. 381 948	37 892	344 057	5
		1999.. 390 465	44 056	346 409	5
		1998.. 380 541	70 430	310 111	5
		1997.. 380 729	55 033	325 696	X
335931	Current-carrying wiring device mfg . . . . .	2000.. 207 548	17 792	189 756	6
		1999.. 248 988	18 326	230 661	8
		1998.. 239 322	41 991	197 331	6
		1997.. 219 293	35 755	183 538	X
335932	Noncurrent-carrying wiring device mfg . . . . .	2000.. 174 400	20 099	154 301	8
		1999.. 141 477	25 729	115 748	4
		1998.. 141 218	28 439	112 780	6
		1997.. 161 436	19 278	142 158	X
33599	All other electrical equipment & component mfg . . . . .	2000.. 366 725	77 103	289 622	5
		1999.. 301 463	46 631	254 832	5
		1998.. 425 813	63 365	362 448	7
		1997.. 410 462	84 444	326 018	X
335991	Carbon & graphite product mfg . . . . .	2000.. 80 773	11 048	69 725	12
		1999.. 89 666	12 508	77 158	6
		1998.. 141 539	14 862	126 677	7
		1997.. 179 043	32 267	146 776	X
335999	All other miscellaneous electrical equipment & component mfg . . . . .	2000.. 285 951	66 054	219 897	5
		1999.. 211 796	34 122	177 674	6
		1998.. 284 274	48 503	235 771	10
		1997.. 231 419	52 177	179 242	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry		Total	Buildings and other structures	Machinery and equipment	Relative standard
			(\$1,000)	(\$1,000)	(\$1,000)	error of estimate <sup>1</sup> (percent) for column—
			A	B	C	A
336	Transportation equipment mfg .....	2000..	16 905 620	2 660 035	14 245 585	1
		1999..	19 101 266	2 924 819	16 176 447	1
		1998..	20 052 505	2 369 085	17 683 421	1
		1997..	19 251 148	2 662 948	16 588 200	X
3361	Motor vehicle mfg .....	2000..	4 076 509	689 131	3 387 378	1
		1999..	4 773 500	761 540	4 011 960	1
		1998..	5 383 772	504 606	4 879 166	1
		1997..	5 406 609	525 445	4 881 164	X
33611	Automobile & light duty motor vehicle mfg .....	2000..	3 778 074	634 171	3 143 903	1
		1999..	4 529 455	686 153	3 843 302	1
		1998..	5 252 299	462 823	4 789 476	1
		1997..	5 276 317	499 489	4 776 828	X
336111	Automobile mfg .....	2000..	1 284 673	197 533	1 087 140	1
		1999..	1 759 967	281 355	1 478 612	1
		1998..	3 173 617	219 702	2 953 915	1
		1997..	3 506 831	269 252	3 237 579	X
336112	Light truck & utility vehicle mfg .....	2000..	2 493 401	436 638	2 056 763	1
		1999..	2 769 488	404 798	2 364 690	1
		1998..	2 078 682	243 121	1 835 561	1
		1997..	1 769 486	230 237	1 539 249	X
33612	Heavy duty truck mfg .....	2000..	298 435	54 959	243 475	1
		1999..	244 045	75 386	168 658	1
		1998..	131 474	41 783	89 691	1
		1997..	130 292	25 956	104 336	X
336120	Heavy duty truck mfg .....	2000..	298 435	54 959	243 475	1
		1999..	244 045	75 386	168 658	1
		1998..	131 474	41 783	89 691	1
		1997..	130 292	25 956	104 336	X
3362	Motor vehicle body & trailer mfg .....	2000..	595 917	241 137	354 780	5
		1999..	463 661	148 440	315 221	4
		1998..	377 752	114 916	262 837	6
		1997..	441 084	140 498	300 586	X
33621	Motor vehicle body & trailer mfg .....	2000..	595 917	241 137	354 780	5
		1999..	463 661	148 440	315 221	4
		1998..	377 752	114 916	262 837	6
		1997..	441 084	140 498	300 586	X
336211	Motor vehicle body mfg .....	2000..	313 145	144 550	168 595	8
		1999..	152 676	41 981	110 695	8
		1998..	135 995	23 065	112 931	12
		1997..	228 212	63 323	164 889	X
336212	Truck trailer mfg .....	2000..	122 072	23 214	98 858	9
		1999..	167 018	53 079	113 939	5
		1998..	139 051	49 877	89 174	10
		1997..	89 524	20 731	68 793	X
336213	Motor home mfg .....	2000..	43 747	20 622	23 125	12
		1999..	44 341	15 229	29 112	15
		1998..	32 393	10 900	21 493	6
		1997..	50 170	25 075	25 095	X
336214	Travel trailer & camper mfg .....	2000..	116 953	52 752	64 201	8
		1999..	99 627	38 151	61 476	9
		1998..	70 313	31 074	39 239	16
		1997..	73 178	31 369	41 809	X
3363	Motor vehicle parts mfg .....	2000..	8 870 965	871 176	7 999 789	2
		1999..	9 464 281	733 864	8 730 416	2
		1998..	9 830 802	757 261	9 073 541	1
		1997..	9 489 436	906 462	8 582 974	X
33631	Motor vehicle gasoline engine & engine parts mfg .....	2000..	1 341 564	135 259	1 206 305	4
		1999..	1 464 332	84 131	1 380 201	3
		1998..	1 798 421	126 132	1 672 289	1
		1997..	1 962 556	206 197	1 756 359	X
336311	Carburetor, piston, piston ring, & valve mfg .....	2000..	120 937	5 145	115 792	13
		1999..	197 270	7 789	189 481	8
		1998..	199 256	7 777	191 479	7
		1997..	180 295	12 242	168 053	X
336312	Gasoline engine & engine parts mfg .....	2000..	1 220 627	130 114	1 090 513	4
		1999..	1 267 061	76 342	1 190 719	3
		1998..	1 599 164	118 355	1 480 810	1
		1997..	1 782 261	193 955	1 588 306	X
33632	Motor vehicle electrical & electronic equipment mfg .....	2000..	651 465	56 489	594 977	3
		1999..	826 390	73 293	753 096	8
		1998..	832 244	51 967	780 276	3
		1997..	909 229	76 077	833 152	X
336321	Vehicular lighting equipment mfg .....	2000..	83 351	14 508	68 844	7
		1999..	93 612	11 470	82 141	7
		1998..	117 262	9 637	107 625	2
		1997..	169 380	10 964	158 416	X
336322	Other motor vehicle electrical & electronic equipment mfg .....	2000..	568 114	41 981	526 133	3
		1999..	732 778	61 823	670 955	9
		1998..	714 981	42 330	672 651	3
		1997..	739 849	65 113	674 736	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
336	Transportation equipment mfg—Con.				
3363	Motor vehicle parts mfg—Con.				
33633	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 482 522	29 485	453 037	7
		1999.. 553 155	50 122	503 033	9
		1998.. 583 414	33 023	550 391	3
		1997.. 551 299	29 746	521 553	X
336330	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 482 522	29 485	453 037	7
		1999.. 553 155	50 122	503 033	9
		1998.. 583 414	33 023	550 391	3
		1997.. 551 299	29 746	521 553	X
33634	Motor vehicle brake system mfg .....	2000.. 454 274	39 567	414 707	3
		1999.. 406 223	38 847	367 375	4
		1998.. 505 226	35 420	469 806	5
		1997.. 484 338	52 738	431 600	X
336340	Motor vehicle brake system mfg .....	2000.. 454 274	39 567	414 707	3
		1999.. 406 223	38 847	367 375	4
		1998.. 505 226	35 420	469 806	5
		1997.. 484 338	52 738	431 600	X
33635	Motor vehicle transmission & power train parts mfg .....	2000.. 1 808 497	98 507	1 709 990	4
		1999.. 1 924 695	95 461	1 829 234	2
		1998.. 2 247 349	86 111	2 161 238	4
		1997.. 1 876 751	101 797	1 774 954	X
336350	Motor vehicle transmission & power train parts mfg .....	2000.. 1 808 497	98 507	1 709 990	4
		1999.. 1 924 695	95 461	1 829 234	2
		1998.. 2 247 349	86 111	2 161 238	4
		1997.. 1 876 751	101 797	1 774 954	X
33636	Motor vehicle seating & interior trim mfg .....	2000.. 302 237	43 448	258 789	4
		1999.. 353 153	41 988	311 165	7
		1998.. 332 998	44 280	288 718	6
		1997.. 310 711	37 170	273 541	X
336360	Motor vehicle seating & interior trim mfg .....	2000.. 302 237	43 448	258 789	4
		1999.. 353 153	41 988	311 165	7
		1998.. 332 998	44 280	288 718	6
		1997.. 310 711	37 170	273 541	X
33637	Motor vehicle metal stamping .....	2000.. 1 463 698	172 704	1 290 994	4
		1999.. 1 582 398	141 896	1 440 501	4
		1998.. 1 382 363	150 219	1 232 145	3
		1997.. 1 515 648	142 136	1 373 512	X
336370	Motor vehicle metal stamping .....	2000.. 1 463 698	172 704	1 290 994	4
		1999.. 1 582 398	141 896	1 440 501	4
		1998.. 1 382 363	150 219	1 232 145	3
		1997.. 1 515 648	142 136	1 373 512	X
33639	Other motor vehicle parts mfg .....	2000.. 2 366 708	295 718	2 070 990	7
		1999.. 2 353 935	208 125	2 145 810	6
		1998.. 2 148 787	230 108	1 918 679	3
		1997.. 1 878 904	260 601	1 618 303	X
336391	Motor vehicle air-conditioning mfg .....	2000.. 243 100	25 692	217 408	4
		1999.. 360 823	28 535	332 288	3
		1998.. 259 407	25 765	233 642	3
		1997.. 188 566	15 255	173 311	X
336399	All other motor vehicle parts mfg .....	2000.. 2 123 609	270 026	1 853 582	8
		1999.. 1 993 112	179 590	1 813 522	7
		1998.. 1 889 380	204 343	1 685 037	4
		1997.. 1 690 338	245 346	1 444 992	X
3364	Aerospace product & parts mfg .....	2000.. 2 323 398	512 011	1 811 387	2
		1999.. 3 421 619	985 300	2 436 318	2
		1998.. 3 477 012	822 340	2 654 672	2
		1997.. 3 132 055	892 757	2 239 298	X
33641	Aerospace product & parts mfg .....	2000.. 2 323 398	512 011	1 811 387	2
		1999.. 3 421 619	985 300	2 436 318	2
		1998.. 3 477 012	822 340	2 654 672	2
		1997.. 3 132 055	892 757	2 239 298	X
336411	Aircraft mfg .....	2000.. 617 403	217 180	400 222	2
		1999.. 767 755	260 056	507 698	1
		1998.. 904 433	305 901	598 532	3
		1997.. 774 858	348 942	425 916	X
336412	Aircraft engine & engine parts mfg .....	2000.. 695 490	63 377	632 113	5
		1999.. 787 085	98 771	688 314	3
		1998.. 733 431	74 247	659 184	2
		1997.. 679 800	80 170	599 630	X
336413	Other aircraft part & auxiliary equipment mfg ...	2000.. 578 425	104 124	474 302	7
		1999.. 782 733	164 501	618 232	6
		1998.. 975 201	154 826	820 375	6
		1997.. 925 054	186 247	738 807	X
336414	Guided missile & space vehicle mfg .....	2000.. 320 001	103 870	216 131	1
		1999.. 906 188	421 795	484 393	1
		1998.. 700 155	260 963	439 192	1
		1997.. 634 227	250 228	383 999	X
336415	Guided missile & space vehicle propulsion unit & parts mfg .....	2000.. 101 562	21 273	80 289	1
		1999.. 162 045	37 154	124 891	1
		1998.. 124 765	20 756	104 009	1
		1997.. 89 321	21 982	67 339	X

See footnotes at end of table.



**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
336	Transportation equipment mfg—Con.				
3364	Aerospace product & parts mfg—Con.				
33641	Aerospace product & parts mfg—Con.				
336419	Other guided missile & space vehicle parts & auxiliary equip mfg.....	2000.. 10 517	2 187	8 330	2
		1999.. 15 814	3 023	12 791	1
		1998.. 39 028	5 648	33 380	2
		1997.. 28 795	5 188	23 607	X
3365	Railroad rolling stock mfg.....	2000.. 177 051	27 362	149 689	6
		1999.. 219 516	41 113	178 403	3
		1998.. 201 617	30 606	171 011	1
		1997.. 197 174	22 488	174 686	X
33651	Railroad rolling stock mfg.....	2000.. 177 051	27 362	149 689	6
		1999.. 219 516	41 113	178 403	3
		1998.. 201 617	30 606	171 011	1
		1997.. 197 174	22 488	174 686	X
336510	Railroad rolling stock mfg.....	2000.. 177 051	27 362	149 689	6
		1999.. 219 516	41 113	178 403	3
		1998.. 201 617	30 606	171 011	1
		1997.. 197 174	22 488	174 686	X
3366	Ship & boat building.....	2000.. 608 812	285 334	323 478	3
		1999.. 517 608	231 838	285 770	4
		1998.. 511 735	105 773	405 962	3
		1997.. 365 644	126 008	239 636	X
33661	Ship & boat building.....	2000.. 608 812	285 334	323 478	3
		1999.. 517 608	231 838	285 770	4
		1998.. 511 735	105 773	405 962	3
		1997.. 365 644	126 008	239 636	X
336611	Ship building & repairing.....	2000.. 414 512	236 003	178 509	3
		1999.. 285 908	154 800	131 108	3
		1998.. 248 780	85 198	163 582	4
		1997.. 243 713	92 929	150 784	X
336612	Boat building.....	2000.. 194 300	49 331	144 969	7
		1999.. 231 700	77 038	154 661	9
		1998.. 262 955	20 575	242 380	3
		1997.. 121 931	33 079	88 852	X
3369	Other transportation equipment mfg.....	2000.. 252 968	33 884	219 084	6
		1999.. 241 081	22 724	218 358	4
		1998.. 269 815	33 584	236 231	5
		1997.. 219 146	49 290	169 856	X
33699	Other transportation equipment mfg.....	2000.. 252 968	33 884	219 084	6
		1999.. 241 081	22 724	218 358	4
		1998.. 269 815	33 584	236 231	5
		1997.. 219 146	49 290	169 856	X
336991	Motorcycle, bicycle, & parts mfg.....	2000.. 119 112	14 463	104 650	11
		1999.. 117 460	6 988	110 473	7
		1998.. 131 758	9 607	122 151	9
		1997.. 104 621	19 512	85 109	X
336992	Military armored vehicle, tank, & tank component mfg.....	2000.. 16 828	1 364	15 463	1
		1999.. 17 358	3 336	14 022	2
		1998.. 15 735	5 006	10 729	10
		1997.. 17 298	6 000	11 298	X
336999	All other transportation equipment mfg.....	2000.. 117 028	18 057	98 971	5
		1999.. 106 263	12 400	93 863	6
		1998.. 122 322	18 970	103 352	5
		1997.. 97 227	23 778	73 449	X
337	Furniture & related product mfg.....	2000.. 2 064 866	418 999	1 645 867	2
		1999.. 2 166 206	538 526	1 627 679	3
		1998.. 1 917 153	459 139	1 458 014	4
		1997.. 1 744 608	373 001	1 371 607	X
3371	Household & institutional furniture & kitchen cabinet mfg.....	2000.. 1 027 713	248 336	779 376	2
		1999.. 1 114 961	334 402	780 559	5
		1998.. 880 485	206 866	673 619	4
		1997.. 865 458	202 037	663 421	X
33711	Wood kitchen cabinet & counter top mfg.....	2000.. 359 270	75 114	284 156	5
		1999.. 368 339	95 656	272 683	6
		1998.. 243 012	56 179	186 833	5
		1997.. 248 242	55 287	192 955	X
337110	Wood kitchen cabinet & counter top mfg.....	2000.. 359 270	75 114	284 156	5
		1999.. 368 339	95 656	272 683	6
		1998.. 243 012	56 179	186 833	5
		1997.. 248 242	55 287	192 955	X
33712	Household & institutional furniture mfg.....	2000.. 668 442	173 222	495 220	2
		1999.. 746 622	238 746	507 876	7
		1998.. 637 473	150 687	486 786	5
		1997.. 617 216	146 750	470 466	X
337121	Upholstered household furniture mfg.....	2000.. 145 872	50 785	95 086	4
		1999.. 170 357	77 173	93 184	11
		1998.. 108 517	35 551	72 967	8
		1997.. 104 829	33 400	71 429	X
337122	Nonupholstered wood household furniture mfg.....	2000.. 279 052	49 602	229 449	4
		1999.. 346 571	118 070	228 502	12
		1998.. 274 012	56 383	217 629	6
		1997.. 296 600	69 508	227 092	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
337	Furniture & related product mfg—Con.				
3371	Household & institutional furniture & kitchen cabinet mfg—Con.				
33712	Household & institutional furniture mfg—Con.				
337124	Metal household furniture mfg .....	2000.. 55 925	14 911	41 015	6
		1999.. 53 174	11 716	41 458	8
		1998.. 84 862	33 460	51 402	8
		1997.. 77 750	19 416	58 334	X
337125	Household furniture (except wood & metal) mfg .....	2000.. 13 650	3 132	10 518	13
		1999.. 27 189	6 513	20 676	33
		1998.. 8 206	729	7 478	11
		1997.. 13 152	1 661	11 491	X
337127	Institutional furniture mfg .....	2000.. 166 545	54 594	111 950	6
		1999.. 141 727	23 071	118 655	10
		1998.. 150 892	22 755	128 137	19
		1997.. 118 083	22 346	95 737	X
337129	Wood television, radio, & sewing machine cabinet mfg .....	2000.. 7 399	197	7 202	23
		1999.. 7 604	2 204	5 400	28
		1998.. 10 983	1 809	9 174	49
		1997.. 6 802	419	6 383	X
3372	Office furniture (including fixtures) mfg .....	2000.. 859 289	124 465	734 824	4
		1999.. 879 459	175 166	704 293	4
		1998.. 895 814	230 632	665 182	7
		1997.. 709 894	127 515	582 379	X
33721	Office furniture (including fixtures) mfg .....	2000.. 859 289	124 465	734 824	4
		1999.. 879 459	175 166	704 293	4
		1998.. 895 814	230 632	665 182	7
		1997.. 709 894	127 515	582 379	X
337211	Wood office furniture mfg .....	2000.. 159 085	56 427	102 658	9
		1999.. 129 413	18 739	110 674	11
		1998.. 160 813	45 957	114 856	6
		1997.. 106 032	28 610	77 422	X
337212	Custom architectural woodwork & millwork mfg .....	2000.. 67 238	7 448	59 790	14
		1999.. 61 022	8 472	52 550	13
		1998.. 45 169	11 180	33 989	20
		1997.. 56 025	13 622	42 403	X
337214	Office furniture (except wood) mfg .....	2000.. 332 750	28 224	304 526	2
		1999.. 356 907	59 565	297 342	3
		1998.. 364 160	71 664	292 496	X
		1997.. 325 469	37 041	288 428	3
337215	Showcase, partition, shelving, & locker mfg ....	2000.. 300 216	32 366	267 850	9
		1999.. 332 117	88 390	243 727	10
		1998.. 325 672	101 831	223 841	18
		1997.. 222 368	48 242	174 126	X
3379	Other furniture related product mfg .....	2000.. 177 865	46 198	131 667	9
		1999.. 171 786	28 957	142 828	7
		1998.. 140 855	21 641	119 213	7
		1997.. 169 256	43 449	125 807	X
33791	Mattress mfg .....	2000.. 111 968	37 219	74 749	14
		1999.. 93 984	13 219	80 766	9
		1998.. 78 167	14 626	63 541	11
		1997.. 124 841	27 356	97 485	X
337910	Mattress mfg .....	2000.. 111 968	37 219	74 749	14
		1999.. 93 984	13 219	80 766	9
		1998.. 78 167	14 626	63 541	11
		1997.. 124 841	27 356	97 485	X
33792	Blind & shade mfg .....	2000.. 65 896	8 978	56 918	8
		1999.. 77 801	15 739	62 062	11
		1998.. 62 687	7 015	55 672	9
		1997.. 44 415	16 093	28 322	X
337920	Blind & shade mfg .....	2000.. 65 896	8 978	56 918	8
		1999.. 77 801	15 739	62 062	11
		1998.. 62 687	7 015	55 672	9
		1997.. 44 415	16 093	28 322	X
339	Miscellaneous mfg .....	2000.. 4 118 585	783 671	3 334 914	2
		1999.. 4 015 098	729 117	3 285 981	2
		1998.. 3 851 951	789 493	3 062 458	5
		1997.. 3 432 599	632 488	2 800 111	X
3391	Medical equipment & supplies mfg .....	2000.. 2 217 105	472 971	1 744 134	3
		1999.. 2 113 636	414 303	1 699 333	3
		1998.. 2 037 622	456 487	1 581 135	9
		1997.. 1 705 516	322 713	1 382 803	X
33911	Medical equipment & supplies mfg .....	2000.. 2 217 105	472 971	1 744 134	3
		1999.. 2 113 636	414 303	1 699 333	3
		1998.. 2 037 622	456 487	1 581 135	9
		1997.. 1 705 516	322 713	1 382 803	X
339111	Laboratory apparatus & furniture mfg .....	2000.. 99 929	13 227	86 702	8
		1999.. 58 769	6 919	51 850	8
		1998.. 67 322	13 331	53 991	17
		1997.. 59 796	11 252	48 544	X
339112	Surgical & medical instrument mfg .....	2000.. 936 729	194 446	742 282	6
		1999.. 832 356	170 996	661 360	5
		1998.. 712 223	107 111	605 113	6
		1997.. 721 701	145 944	575 757	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	A
339	Miscellaneous mfg—Con.				
3391	Medical equipment & supplies mfg—Con.				
33911	Medical equipment & supplies mfg—Con.				
339113	Surgical appliance & supplies mfg .....	2000.. 721 618	200 761	520 857	7
		1999.. 762 976	168 604	594 372	6
		1998.. 801 738	240 065	561 673	22
		1997.. 565 014	109 910	455 104	X
339114	Dental equipment & supplies mfg .....	2000.. 84 144	26 345	57 800	13
		1999.. 80 470	14 302	66 168	10
		1998.. 85 662	22 750	62 912	7
		1997.. 71 565	13 488	58 077	X
339115	Ophthalmic goods mfg .....	2000.. 291 550	34 086	257 464	3
		1999.. 296 110	37 039	259 070	6
		1998.. 296 966	66 061	230 905	4
		1997.. 213 706	31 688	182 018	X
339116	Dental laboratories .....	2000.. 83 134	S	S	10
		1999.. 82 957	S	S	13
		1998.. 73 711	S	S	9
		1997.. 73 734	S	S	X
3399	Other miscellaneous mfg .....	2000.. 1 901 480	310 700	1 590 780	3
		1999.. 1 901 462	314 814	1 586 648	3
		1998.. 1 814 329	333 007	1 481 323	4
		1997.. 1 727 083	309 775	1 417 308	X
33991	Jewelry & silverware mfg .....	2000.. 170 705	33 372	137 333	7
		1999.. 129 994	14 433	115 561	5
		1998.. 128 861	17 000	111 861	5
		1997.. 113 945	19 162	94 783	X
339911	Jewelry (except costume) mfg .....	2000.. 114 243	19 663	94 580	11
		1999.. 75 476	9 510	65 966	8
		1998.. 60 761	13 351	47 410	9
		1997.. 61 191	11 503	49 688	X
339912	Silverware & plated ware mfg .....	2000.. 22 846	12 515	10 331	4
		1999.. 16 533	1 708	14 824	6
		1998.. 20 474	2 038	18 436	13
		1997.. 19 711	4 732	14 979	X
339913	Jewelers' material & lapidary work mfg .....	2000.. 10 644	445	10 199	9
		1999.. 16 089	1 782	14 307	5
		1998.. 10 037	596	9 442	26
		1997.. 11 465	790	10 675	X
339914	Costume jewelry & novelty mfg .....	2000.. 22 971	748	22 223	11
		1999.. 21 897	1 433	20 464	9
		1998.. 37 589	1 015	36 574	8
		1997.. 21 578	2 137	19 441	X
33992	Sporting & athletic goods mfg .....	2000.. 407 954	58 618	349 336	9
		1999.. 410 869	62 042	348 826	8
		1998.. 353 259	60 359	292 900	6
		1997.. 344 190	57 350	286 840	X
339920	Sporting & athletic goods mfg .....	2000.. 407 954	58 618	349 336	9
		1999.. 410 869	62 042	348 826	8
		1998.. 353 259	60 359	292 900	6
		1997.. 344 190	57 350	286 840	X
33993	Doll, toy, & game mfg .....	2000.. 116 212	6 788	109 424	17
		1999.. 126 052	28 756	97 295	15
		1998.. 114 102	23 270	90 832	6
		1997.. 137 430	17 772	119 658	X
339931	Doll & stuffed toy mfg .....	2000.. 6 845	305	6 540	23
		1999.. 4 871	490	4 381	20
		1998.. 2 438	1 076	1 362	6
		1997.. 3 936	943	2 993	X
339932	Game, toy, & children's vehicle mfg .....	2000.. 109 367	6 482	102 885	18
		1999.. 121 180	28 266	92 914	16
		1998.. 111 664	22 194	89 470	7
		1997.. 133 494	16 829	116 665	X
33994	Office supplies (except paper) mfg .....	2000.. 108 059	10 578	97 480	3
		1999.. 130 270	9 535	120 735	11
		1998.. 137 420	8 753	128 668	X
		1997.. 120 477	17 363	103 114	11
339941	Pen & mechanical pencil mfg .....	2000.. 53 043	1 154	51 888	4
		1999.. 64 839	3 323	61 516	3
		1998.. 72 325	4 982	67 343	20
		1997.. 52 784	8 622	44 162	X
339942	Lead pencil & art good mfg .....	2000.. 23 168	3 313	19 854	6
		1999.. 31 354	1 423	29 931	3
		1998.. 45 351	1 206	44 145	8
		1997.. 30 530	4 390	26 140	X
339943	Marking device mfg .....	2000.. 7 548	399	7 149	11
		1999.. 17 402	2 106	15 296	13
		1998.. 3 428	597	2 831	16
		1997.. 20 754	3 216	17 538	X
339944	Carbon paper & inked ribbon mfg .....	2000.. 24 300	5 711	18 589	4
		1999.. 16 675	2 683	13 992	4
		1998.. 16 316	1 968	14 349	10
		1997.. 16 409	1 135	15 274	X

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 2000 and Earlier Years—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS code	Industry group and industry	Total	Buildings and other structures	Machinery and equipment	Relative standard error of estimate <sup>1</sup> (percent) for column—
		(\$1,000)	(\$1,000)	(\$1,000)	A
		A	B	C	A
339	Miscellaneous mfg—Con.				
3399	Other miscellaneous mfg—Con.				
33995	Sign mfg .....	2000.. 400 669	85 119	315 550	8
		1999.. 307 160	69 526	237 634	9
		1998.. 179 145	33 085	146 060	13
		1997.. 236 476	43 298	193 178	X
339950	Sign mfg .....	2000.. 400 669	85 119	315 550	8
		1999.. 307 160	69 526	237 634	9
		1998.. 179 145	33 085	146 060	13
		1997.. 236 476	43 298	193 178	X
33999	All other miscellaneous mfg .....	2000.. 697 882	116 226	581 656	3
		1999.. 797 118	130 522	666 596	5
		1998.. 901 542	190 539	711 002	7
		1997.. 774 565	154 830	619 735	X
339991	Gasket, packing, & sealing device mfg .....	2000.. 249 164	44 721	204 443	7
		1999.. 228 488	37 952	190 536	7
		1998.. 244 487	23 678	220 808	14
		1997.. 203 930	25 462	178 468	X
339992	Musical instrument mfg .....	2000.. 55 121	25 597	29 524	8
		1999.. 73 400	42 214	31 187	9
		1998.. 57 183	22 769	34 414	18
		1997.. 34 565	11 051	23 514	X
339993	Fastener, button, needle, & pin mfg .....	2000.. 37 406	732	36 674	5
		1999.. 62 283	6 032	56 251	7
		1998.. 55 954	8 480	47 475	6
		1997.. 48 458	7 434	41 024	X
339994	Broom, brush, & mop mfg .....	2000.. 59 643	8 474	51 170	11
		1999.. 88 247	7 523	80 724	8
		1998.. 258 849	101 319	157 529	13
		1997.. 90 013	13 108	76 905	X
339995	Burial casket mfg .....	2000.. 18 195	806	17 389	20
		1999.. 17 834	2 266	15 568	11
		1998.. 13 380	1 689	11 691	3
		1997.. 27 416	4 354	23 062	X
339999	All other miscellaneous mfg .....	2000.. 278 352	35 896	242 457	4
		1999.. 326 866	34 535	292 331	12
		1998.. 271 689	32 604	239 085	11
		1997.. 370 183	93 421	276 762	X

<sup>1</sup>Description of relative standard error of estimate is given in Appendix B. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Note: Previous years' data may differ from that published in the 1999 Annual Survey of Manufactures because of changes encountered in subsequent review of the 2000 Annual Survey of Manufactures review.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
<b>31-33</b>	<b>Manufacturing</b> .....	<b>474 033 955</b>	<b>166 962 724</b>	<b>141 523 576</b>	<b>165 547 654</b>	<b>448 328 591</b>	<b>154 850 388</b>	<b>137 112 028</b>	<b>156 366 175</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
	2000..	452 799 510	156 563 884	137 825 261	158 410 365	438 846 781	149 958 851	137 375 768	151 512 162	1	1	1	1
	1999..	447 651 135	152 517 463	140 602 445	154 531 227	434 445 199	148 083 648	134 625 363	151 736 188	1	1	1	1
	1998..	433 448 730	147 646 704	133 710 385	152 091 641	419 977 777	142 400 832	132 553 508	145 023 437	X	X	X	X
	1997..												
311	Food mfg .....	31 311 509	17 634 668	2 917 218	10 759 623	30 744 316	16 979 913	2 759 326	11 005 077	1	1	3	1
	2000..	30 650 181	16 916 647	2 743 517	10 990 017	29 418 256	16 317 075	2 625 301	10 475 880	1	1	3	1
	1999..	30 222 932	16 748 128	2 803 931	10 670 872	30 153 602	16 631 673	3 031 757	10 490 172	1	1	2	1
	1998..	30 151 960	16 532 124	3 021 448	10 598 388	29 482 461	16 162 641	2 963 768	10 356 052	X	X	X	X
	1997..												
3111	Animal food mfg .....	1 290 450	558 822	141 728	589 900	1 245 920	493 249	136 777	615 894	2	4	7	3
	2000..	1 186 347	475 545	150 596	560 206	1 106 336	447 390	146 827	512 120	2	4	5	4
	1999..	1 175 767	467 840	151 994	555 934	1 238 982	510 089	146 040	582 853	2	2	11	2
	1998..	1 240 108	493 710	174 921	571 477	1 217 963	511 473	118 248	588 242	X	X	X	X
	1997..												
31111	Animal food mfg .....	1 290 450	558 822	141 728	589 900	1 245 920	493 249	136 777	615 894	2	4	7	3
	2000..	1 186 347	475 545	150 596	560 206	1 106 336	447 390	146 827	512 120	2	4	5	4
	1999..	1 175 767	467 840	151 994	555 934	1 238 982	510 089	146 040	582 853	2	2	11	2
	1998..	1 240 108	493 710	174 921	571 477	1 217 963	511 473	118 248	588 242	X	X	X	X
	1997..												
311111	Dog & cat food mfg .....	414 398	190 835	13 267	210 296	410 603	189 516	10 178	210 908	4	5	28	3
	2000..	411 850	190 128	10 210	211 511	368 519	176 217	7 731	184 571	3	4	16	3
	1999..	389 260	180 754	10 323	198 184	397 389	202 351	6 251	188 787	1	1	17	1
	1998..	424 360	210 054	24 034	190 272	384 495	186 437	26 673	171 385	X	X	X	X
	1997..												
311119	Other animal food mfg .....	876 052	367 987	128 461	379 604	835 317	303 733	126 599	404 986	3	6	8	5
	2000..	774 497	285 416	140 385	348 695	737 817	271 172	139 095	327 549	3	6	5	6
	1999..	786 507	287 086	141 671	357 750	841 592	307 738	139 789	394 066	4	4	11	3
	1998..	815 748	283 656	150 887	381 205	833 468	325 036	91 575	416 857	X	X	X	X
	1997..												
3112	Grain & oilseed milling .....	3 378 639	1 225 069	250 413	1 903 157	3 500 199	1 106 048	240 299	2 153 851	2	3	8	3
	2000..	3 429 555	1 101 785	257 189	2 070 581	3 599 062	1 315 812	303 360	1 979 890	1	3	11	2
	1999..	3 798 945	1 414 726	328 864	2 055 355	3 957 152	1 440 566	354 028	2 162 558	1	3	5	2
	1998..	4 014 069	1 495 782	348 575	2 169 712	4 117 364	1 493 413	342 080	2 281 871	X	X	X	X
	1997..												
31121	Flour milling & malt mfg .....	1 042 645	250 122	66 541	725 983	1 040 048	229 769	86 162	724 117	2	7	3	2
	2000..	1 024 006	230 028	87 096	706 882	1 017 802	267 851	89 912	660 040	3	10	4	2
	1999..	1 095 996	302 730	85 141	708 125	1 207 560	341 557	111 174	754 829	3	7	19	5
	1998..	1 214 408	346 066	110 746	757 596	1 232 321	339 155	107 918	785 248	X	X	X	X
	1997..												
311211	Flour milling .....	547 309	123 716	17 525	406 067	528 168	116 977	14 230	396 961	4	13	4	2
	2000..	511 757	114 756	15 441	381 559	562 575	121 190	13 812	427 573	5	19	18	2
	1999..	582 955	109 438	14 814	458 702	601 080	129 822	14 971	456 287	3	3	4	4
	1998..	607 466	132 706	14 358	460 402	615 535	141 180	13 734	460 621	X	X	X	X
	1997..												
311212	Rice milling .....	360 327	80 585	21 638	258 104	392 858	78 145	52 664	262 409	3	9	9	3
	2000..	396 969	82 354	52 619	261 996	337 635	91 034	56 847	189 754	3	9	3	4
	1999..	335 518	98 918	38 472	198 128	396 695	130 319	58 170	208 206	7	4	43	8
	1998..	397 255	131 222	58 218	207 815	391 725	111 852	43 571	236 302	X	X	X	X
	1997..												
311213	Malt mfg .....	135 009	45 821	27 377	61 811	119 022	34 647	19 269	65 107	3	6	1	2
	2000..	115 280	32 918	19 036	63 327	117 592	55 627	19 253	42 713	4	8	2	2
	1999..	177 523	94 373	31 856	51 295	209 785	81 416	38 033	90 336	6	21	5	56
	1998..	209 687	82 138	38 170	89 379	225 061	86 123	50 613	88 325	X	X	X	X
	1997..												
31122	Starch & vegetable fats & oils mfg .....	1 943 542	854 844	172 487	916 211	2 101 325	760 988	137 795	1 202 541	2	3	11	3
	2000..	2 053 169	758 104	153 767	1 141 298	2 342 051	928 133	202 950	1 111 968	2	3	19	3
	1999..	2 376 289	993 884	240 397	1 142 007	2 398 355	986 565	238 808	1 172 982	1	3	1	1
	1998..	2 429 508	1 008 132	233 964	1 187 412	2 557 535	1 032 119	231 639	1 293 777	X	X	X	X
	1997..												
311221	Wet corn milling .....	528 158	287 697	44 007	196 455	497 115	245 201	40 681	211 234	3	2	2	5
	2000..	516 103	248 606	40 779	226 719	550 777	286 865	44 376	219 536	2	1	1	4
	1999..	554 072	284 977	48 351	220 744	536 278	263 965	48 846	223 467	1	1	1	1
	1998..	548 113	267 802	49 261	231 050	564 921	274 929	64 807	225 185	X	X	X	X
	1997..												
311222	Soybean processing .....	766 670	336 160	39 457	391 053	906 358	264 181	27 771	614 406	1	1	1	1
	2000..	903 651	282 648	36 436	584 567	872 531	385 568	26 813	460 150	1	2	1	1
	1999..	886 926	385 482	31 989	469 455	955 613	422 553	43 311	489 749	1	1	1	1
	1998..	968 059	427 702	43 546	496 811	1 018 284	402 230	32 889	583 165	X	X	X	X
	1997..												
311223	Other oilseed processing .....	333 361	95 550	S	203 434	337 136	113 697	S	222 658	5	21	29	12
	2000..	236 648	76 854	S	156 538	406 216	99 619	68 722	237 876	13	23	A	15
	1999..	471 404	142 147	48 786	280 472	424 343	99 318	39 607	285 418	7	23	1	1
	1998..	423 705	103 250	37 661	282 794	485 959	158 121	37 548	290 290	X	X	X	X
	1997..												
311225	Fats & oils refining & blending .....	315 353	135 437	54 646	125 270	360 715	137 910	68 562	154 243	9	12	29	11
	2000..	396 767	149 997	73 296	173 474	413 527	156 081	63 039	194 407	5	11	19	10
	1999..	463 887	181 279	111 271	171 337	482 121	200 729	107 044	174 348	2	2	2	2
	1998..	489 631	209 378	103 496	176 557	488 371	196 839	96 395	195 137	X	X	X	X
	1997..												
31123	Breakfast cereal mfg .....	392 452	120 104	11 385	260 963	358 826	115 291	16 342	227 194	9	3	22	14
	2000..	352 379	113 653	16 326	222 401	338 208	119 828	10 498	207 882	1	3	16	1

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
311	Food mfg—Con.												
3113	Sugar & confectionery product mfg—Con.												
31131	Sugar mfg—Con.												
311312	Cane sugar refining .....	2000.. 197 864	79 582	29 265	89 017	187 172	57 146	30 834	99 192	1	1	1	1
		1999.. 203 662	59 838	31 600	112 224	204 623	61 492	31 796	111 335	1	1	1	1
		1998.. 226 312	78 616	32 647	115 049	221 307	82 966	32 385	106 426	1	1	1	1
		1997.. 229 379	83 953	44 945	100 481	254 854	79 860	40 444	134 550	X	X	X	X
311313	Beet sugar mfg .....	2000.. 908 712	591 851	84 744	232 116	843 618	504 506	103 709	235 403	4	6	6	2
		1999.. 843 748	504 574	103 721	235 453	805 029	485 757	72 392	246 879	1	2	4	2
		1998.. 819 155	497 773	71 934	249 448	849 007	494 478	90 503	264 026	1	1	1	1
		1997.. 784 765	431 559	90 297	262 909	752 062	383 245	134 312	234 505	X	X	X	X
31132	Chocolate & confectionery mfg from cacao beans .....	2000.. 569 989	245 751	49 603	274 635	628 728	252 705	58 824	317 199	1	1	1	1
		1999.. 617 694	246 907	58 969	311 817	566 279	243 144	53 219	269 916	1	1	1	1
		1998.. 639 189	254 192	53 487	331 510	447 315	169 078	45 296	232 941	10	4	1	16
		1997.. 435 261	165 361	44 679	225 221	404 129	170 597	48 333	185 199	X	X	X	X
311320	Chocolate & confectionery mfg from cacao beans .....	2000.. 569 989	245 751	49 603	274 635	628 728	252 705	58 824	317 199	1	1	1	1
		1999.. 617 694	246 907	58 969	311 817	566 279	243 144	53 219	269 916	1	1	1	1
		1998.. 639 189	254 192	53 487	331 510	447 315	169 078	45 296	232 941	10	4	1	16
		1997.. 435 261	165 361	44 679	225 221	404 129	170 597	48 333	185 199	X	X	X	X
31133	Confectionery mfg from purchased chocolate .....	2000.. 946 622	517 996	63 373	365 253	966 468	537 089	55 077	374 302	6	5	27	7
		1999.. 938 736	531 850	42 396	364 490	836 484	467 734	39 279	329 471	4	4	14	5
		1998.. 804 263	447 583	39 226	317 454	774 219	454 188	44 385	275 646	1	1	4	2
		1997.. 788 561	463 412	43 801	281 348	693 274	384 305	40 691	268 278	X	X	X	X
311330	Confectionery mfg from purchased chocolate .....	2000.. 946 622	517 996	63 373	365 253	966 468	537 089	55 077	374 302	6	5	27	7
		1999.. 938 736	531 850	42 396	364 490	836 484	467 734	39 279	329 471	4	4	14	5
		1998.. 804 263	447 583	39 226	317 454	774 219	454 188	44 385	275 646	1	1	4	2
		1997.. 788 561	463 412	43 801	281 348	693 274	384 305	40 691	268 278	X	X	X	X
31134	Nonchocolate confectionery mfg .....	2000.. 570 480	257 383	23 762	289 335	565 651	239 746	21 132	304 773	4	5	5	3
		1999.. 610 456	258 846	24 848	326 762	612 616	273 712	24 231	314 674	2	3	4	1
		1998.. 616 914	281 177	23 928	311 810	616 171	280 846	27 110	308 215	1	1	11	1
		1997.. 588 249	271 040	22 142	295 067	569 781	245 274	28 681	295 826	X	X	X	X
311340	Nonchocolate confectionery mfg .....	2000.. 570 480	257 383	23 762	289 335	565 651	239 746	21 132	304 773	4	5	5	3
		1999.. 610 456	258 846	24 848	326 762	612 616	273 712	24 231	314 674	2	3	4	1
		1998.. 616 914	281 177	23 928	311 810	616 171	280 846	27 110	308 215	1	1	11	1
		1997.. 588 249	271 040	22 142	295 067	569 781	245 274	28 681	295 826	X	X	X	X
3114	Fruit & vegetable preserving & specialty food mfg .....	2000.. 8 489 044	5 876 333	796 366	1 816 346	8 499 233	5 820 251	799 131	1 879 851	1	2	5	2
		1999.. 8 388 498	5 703 455	796 414	1 888 629	8 142 301	5 575 567	773 921	1 792 813	1	1	6	3
		1998.. 8 320 865	5 747 812	862 504	1 710 549	8 197 871	5 571 366	907 034	1 719 471	1	1	1	1
		1997.. 8 213 548	5 584 829	886 462	1 742 257	8 316 759	5 694 572	924 734	1 697 453	X	X	X	X
31141	Frozen food mfg .....	2000.. 2 726 192	1 915 240	112 642	698 310	2 866 879	2 058 959	113 713	694 207	2	2	1	2
		1999.. 2 711 229	1 855 117	150 939	705 173	2 681 544	1 817 908	150 704	712 932	1	2	1	1
		1998.. 2 903 644	1 974 623	245 111	683 910	2 676 461	1 783 930	225 917	666 613	1	1	1	1
		1997.. 2 609 599	1 701 340	206 787	701 472	2 655 087	1 732 101	249 663	673 323	X	X	X	X
311411	Frozen fruit, juice, & vegetable mfg .....	2000.. 2 061 333	1 554 067	90 470	416 795	2 147 728	1 652 514	96 418	398 795	2	2	1	2
		1999.. 1 986 470	1 444 882	136 670	404 917	1 971 196	1 447 647	132 314	391 236	2	2	1	2
		1998.. 2 157 709	1 546 571	206 378	404 761	1 987 461	1 393 908	191 855	401 698	1	1	2	2
		1997.. 1 958 904	1 347 578	175 765	435 561	2 034 268	1 393 844	221 953	418 471	X	X	X	X
311412	Frozen specialty food mfg ..	2000.. 664 859	361 173	22 171	281 515	719 151	406 445	17 295	295 411	3	4	2	3
		1999.. 724 759	410 234	14 269	300 256	710 348	370 261	18 390	321 696	2	3	2	2
		1998.. 745 934	428 051	38 733	279 150	689 000	390 022	34 062	264 916	1	1	1	1
		1997.. 650 695	353 762	31 022	265 911	620 819	338 257	27 710	254 852	X	X	X	X
31142	Fruit & vegetable canning, pickling, & drying .....	2000.. 5 762 852	3 961 092	683 724	1 118 036	5 632 354	3 761 292	685 418	1 185 645	2	2	6	4
		1999.. 5 677 269	3 848 339	645 475	1 183 456	5 460 757	3 757 659	623 217	1 079 882	2	2	8	4
		1998.. 5 417 222	3 773 189	617 394	1 026 639	5 521 411	3 787 435	681 117	1 052 858	1	1	1	1
		1997.. 5 603 949	3 883 489	679 675	1 040 785	5 661 672	3 962 471	675 071	1 024 130	X	X	X	X
311421	Fruit & vegetable canning ..	2000.. 4 262 942	2 996 491	525 589	740 861	4 032 667	2 741 551	529 126	761 991	2	3	8	5
		1999.. 4 080 144	2 823 969	494 165	762 010	3 885 176	2 679 344	464 594	741 237	2	2	10	6
		1998.. 3 866 625	2 710 533	446 165	709 927	3 921 869	2 725 290	486 089	710 491	2	2	1	2
		1997.. 3 928 014	2 769 290	482 981	675 743	3 949 153	2 855 577	466 617	626 959	X	X	X	X
311422	Specialty canning .....	2000.. 733 317	466 697	26 498	240 122	752 492	465 477	25 274	261 742	2	4	11	7
		1999.. 756 822	466 426	19 602	270 794	811 556	567 540	23 238	220 773	2	4	17	7
		1998.. 828 627	575 548	41 988	211 092	813 251	546 676	40 097	226 477	1	1	3	2
		1997.. 847 648	568 587	40 379	238 682	853 665	565 449	41 548	246 668	X	X	X	X
311423	Dried & dehydrated food mfg .....	2000.. 766 594	497 904	131 637	137 053	847 194	554 264	131 019	161 912	3	4	7	11
		1999.. 840 304	557 944	131 708	150 652	764 030	510 774	135 385	117 871	3	2	4	11
		1998.. 721 970	487 108	129 241	105 621	786 291	515 470	154 931	115 890	2	2	5	5
		1997.. 828 287	545 612	156 315	126 360	858 854	541 445	166 906	150 503	X	X	X	X
3115	Dairy product mfg .....	2000.. 3 051 854	1 911 525	213 719	926 610	2 932 855	1 798 508	214 220	920 127	3	5	5	2
		1999.. 2 942 309	1 823 972	189 235	929 102	2 836 881	1 772 219	184 589	880 073	3	5	3	2
		1998.. 3 118 906	1 980 098	194 307	944 501	2 897 666	1 822 071	177 386	898 209	2	3	5	2
		1997.. 2 831 823	1 762 084	176 184	893 555	2 824 279	1 760 064	165 646	898 569	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
311	Food mfg—Con.												
3115	Dairy product mfg—Con.												
31151	Dairy product (except frozen) mfg .....	2000.. 2 674 014	1 653 936	202 667	817 411	2 546 687	1 543 846	202 235	800 606	4	6	5	2
		1999.. 2 563 064	1 575 906	177 391	809 766	2 465 936	1 528 929	172 743	764 263	4	6	2	2
		1998.. 2 752 734	1 746 529	188 958	817 247	2 504 219	1 577 235	172 397	754 587	2	3	5	2
		1997.. 2 435 801	1 513 703	169 127	752 971	2 430 421	1 516 434	158 540	755 447	X	X	X	X
311511	Fluid milk mfg .....	2000.. 609 179	332 612	26 948	249 619	565 558	301 563	27 284	236 711	10	18	4	4
		1999.. 581 837	311 162	26 881	243 794	504 813	242 043	24 804	237 967	10	17	5	4
		1998.. 562 160	281 547	25 936	254 677	538 866	265 111	24 808	248 947	3	3	3	3
		1997.. 542 972	269 871	24 288	248 813	529 862	261 739	24 081	244 042	X	X	X	X
311512	Creamery butter mfg .....	2000.. 44 692	28 499	4 825	11 368	48 291	34 632	4 999	8 660	2	3	6	2
		1999.. 52 501	38 453	5 256	8 793	49 524	36 154	5 013	8 358	3	4	4	2
		1998.. 57 746	42 101	5 347	10 298	52 690	36 658	4 769	11 263	4	6	4	9
		1997.. 56 435	39 489	5 506	11 440	51 133	32 270	4 498	14 365	X	X	X	X
311513	Cheese mfg .....	2000.. 1 316 289	842 831	122 353	351 105	1 304 732	821 883	125 636	357 213	5	8	8	3
		1999.. 1 284 701	822 322	105 880	356 499	1 354 555	881 548	105 659	367 347	5	8	3	2
		1998.. 1 498 893	1 012 641	109 593	376 658	1 347 468	923 103	100 161	324 205	4	5	6	1
		1997.. 1 274 146	854 615	96 903	322 628	1 280 218	857 486	90 896	331 836	X	X	X	X
311514	Dry, condensed, & evaporated dairy product mfg .....	2000.. 703 853	449 994	48 541	205 318	628 106	385 768	44 316	198 022	5	5	5	5
		1999.. 644 024	403 969	39 374	200 681	557 044	369 184	37 268	150 592	2	4	4	4
		1998.. 633 935	410 240	48 081	175 614	565 194	352 363	42 659	170 172	5	6	15	6
		1997.. 562 248	349 728	42 430	170 090	569 208	364 939	39 065	165 204	X	X	X	X
31152	Ice cream & frozen dessert mfg .....	2000.. 377 840	257 589	11 052	109 199	386 168	254 662	11 985	119 521	5	4	27	6
		1999.. 379 245	248 066	11 843	119 335	370 946	243 289	11 846	115 810	5	5	34	7
		1998.. 366 172	233 569	5 349	127 254	393 447	244 836	4 989	143 622	2	3	12	2
		1997.. 396 022	248 381	7 057	140 584	393 858	243 630	7 106	143 122	X	X	X	X
311520	Ice cream & frozen dessert mfg .....	2000.. 377 840	257 589	11 052	109 199	386 168	254 662	11 985	119 521	5	4	27	6
		1999.. 379 245	248 066	11 843	119 335	370 946	243 289	11 846	115 810	5	5	34	7
		1998.. 366 172	233 569	5 349	127 254	393 447	244 836	4 989	143 622	2	3	12	2
		1997.. 396 022	248 381	7 057	140 584	393 858	243 630	7 106	143 122	X	X	X	X
3116	Meat product mfg .....	2000.. 4 061 494	2 483 561	523 719	1 054 214	3 820 617	2 348 524	449 558	1 022 535	2	4	5	2
		1999.. 3 844 525	2 396 078	439 387	1 009 060	3 466 673	2 138 711	394 236	933 726	1	2	8	2
		1998.. 3 647 576	2 270 449	419 005	958 122	3 892 116	2 435 948	511 978	944 190	1	1	2	1
		1997.. 3 916 213	2 459 451	481 199	975 563	3 828 493	2 340 378	505 560	982 555	X	X	X	X
31161	Animal slaughtering & processing .....	2000.. 4 061 494	2 483 561	523 719	1 054 214	3 820 617	2 348 524	449 558	1 022 535	2	4	5	2
		1999.. 3 844 525	2 396 078	439 387	1 009 060	3 466 673	2 138 711	394 236	933 726	1	2	8	2
		1998.. 3 647 576	2 270 449	419 005	958 122	3 892 116	2 435 948	511 978	944 190	1	1	2	1
		1997.. 3 916 213	2 459 451	481 199	975 563	3 828 493	2 340 378	505 560	982 555	X	X	X	X
311611	Animal (except poultry) slaughtering .....	2000.. 1 306 803	906 298	166 038	234 467	1 216 470	870 379	115 526	230 565	3	4	15	9
		1999.. 1 222 822	879 481	113 933	229 408	1 086 038	797 086	95 244	193 708	4	3	29	9
		1998.. 1 117 102	819 364	94 317	203 421	1 219 762	902 302	123 734	193 725	1	1	2	1
		1997.. 1 254 731	931 242	107 611	215 878	1 262 094	917 281	97 752	247 061	X	X	X	X
311612	Meat processed from carcasses .....	2000.. 1 377 607	783 310	135 072	459 225	1 287 812	693 460	145 183	449 170	4	6	5	2
		1999.. 1 267 990	695 632	139 226	433 132	1 203 386	652 948	130 434	420 004	2	3	4	2
		1998.. 1 269 843	716 908	137 426	415 509	1 286 227	701 704	151 560	432 963	2	4	4	3
		1997.. 1 265 662	687 599	145 444	432 619	1 246 822	696 512	158 747	391 563	X	X	X	X
311613	Rendering & meat byproduct processing .....	2000.. 75 872	53 136	5 433	17 303	69 443	49 175	3 882	16 385	16	22	11	4
		1999.. 67 945	48 393	3 189	16 363	59 886	43 595	2 071	14 219	19	26	19	4
		1998.. 107 611	80 663	5 251	21 698	109 986	85 195	5 718	19 073	2	2	10	6
		1997.. 110 916	86 907	5 637	18 372	100 626	76 209	6 242	18 175	X	X	X	X
311615	Poultry processing .....	2000.. 1 301 212	740 817	217 177	343 219	1 246 892	735 511	184 967	326 414	5	9	1	1
		1999.. 1 285 768	772 571	183 039	330 157	1 117 364	645 081	166 487	305 795	1	1	1	1
		1998.. 1 153 020	653 515	182 012	317 493	1 276 141	746 747	230 966	298 428	1	1	1	2
		1997.. 1 284 904	753 703	222 507	308 694	1 218 951	650 376	242 819	325 756	X	X	X	X
3117	Seafood product preparation & packaging .....	2000.. 1 256 666	834 324	58 055	364 287	1 191 019	809 256	42 489	339 275	3	4	26	3
		1999.. 1 142 554	761 577	42 992	337 984	1 011 125	650 270	48 641	312 214	5	7	20	4
		1998.. 961 111	604 658	20 061	336 392	1 135 138	760 389	15 181	359 568	3	4	12	3
		1997.. 1 084 795	745 449	20 067	319 279	1 022 291	748 539	15 055	258 697	X	X	X	X
31171	Seafood product preparation & packaging .....	2000.. 1 256 666	834 324	58 055	364 287	1 191 019	809 256	42 489	339 275	3	4	26	3
		1999.. 1 142 554	761 577	42 992	337 984	1 011 125	650 270	48 641	312 214	5	7	20	4
		1998.. 961 111	604 658	20 061	336 392	1 135 138	760 389	15 181	359 568	3	4	12	3
		1997.. 1 084 795	745 449	20 067	319 279	1 022 291	748 539	15 055	258 697	X	X	X	X
311711	Seafood canning .....	2000.. 152 814	99 793	2 403	50 618	160 860	111 816	3 607	45 437	8	10	17	7
		1999.. 180 296	127 346	3 883	49 068	211 821	162 059	2 697	47 065	6	7	14	6
		1998.. 132 705	91 948	2 310	38 447	149 574	104 592	2 876	42 106	13	15	27	10
		1997.. 157 718	111 824	3 212	42 682	151 546	112 104	1 640	37 802	X	X	X	X
311712	Fresh & frozen seafood processing .....	2000.. 1 103 852	734 531	55 652	313 669	1 030 159	697 440	38 882	293 838	3	4	27	4
		1999.. 962 257	634 232	39 110	288 916	799 304	488 211	45 944	265 149	6	8	22	5
		1998.. 828 406	512 710	17 751	297 945	985 564	655 797	12 305	317 462	3	4	13	4
		1997.. 927 077	633 625	16 855	276 597	870 745	636 435	13 415	220 895	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
311	Food mfg—Con.												
3118	Bakeries & tortilla mfg .....	2000.. 1 700 695	715 087	56 768	928 840	1 703 149	733 571	47 861	921 716	3	4	7	3
		1999.. 1 739 048	739 431	46 019	953 598	1 673 116	707 832	36 764	928 520	2	3	12	2
		1998.. 1 613 623	718 793	24 844	869 986	1 595 939	684 710	29 588	881 640	7	5	13	10
		1997.. 1 659 519	701 479	31 495	926 545	1 632 897	698 860	34 740	899 297	X	X	X	X
31181	Bread & bakery product mfg ..	2000.. 864 058	268 393	37 056	558 610	872 492	277 922	33 357	561 213	5	9	9	5
		1999.. 859 469	264 078	29 663	565 728	762 140	202 633	21 210	538 297	4	8	18	3
		1998.. 656 816	200 473	12 638	443 705	647 422	168 505	15 152	463 766	16	17	25	19
		1997.. 689 709	173 601	16 436	499 672	670 162	177 918	19 586	472 658	X	X	X	X
311811	Retail bakeries .....	2000.. 115 197	29 053	6 456	79 688	107 341	26 289	8 193	72 860	8	22	28	6
		1999.. 110 881	24 369	6 219	80 293	105 819	20 304	8 642	76 873	10	16	30	10
		1998.. 40 324	34 170	2 601	3 553	29 202	6 511	3 263	19 428	A	98	A	A
		1997.. 94 631	16 122	5 686	72 823	82 049	12 841	10 419	58 789	X	X	X	X
311812	Commercial bakeries .....	2000.. 546 806	158 514	24 805	363 486	520 348	135 178	21 481	363 689	8	14	7	6
		1999.. 523 523	131 973	19 886	371 664	488 238	115 605	9 970	362 663	5	11	24	4
		1998.. 435 887	98 209	7 373	330 305	431 404	90 813	9 723	330 867	1	1	12	2
		1997.. 422 573	90 156	8 588	323 829	424 987	96 704	7 076	321 207	X	X	X	X
311813	Frozen cakes, pies, & other pastries mfg .....	2000.. 202 055	80 825	5 795	115 435	244 803	116 454	3 683	124 665	7	6	39	8
		1999.. 225 065	107 736	3 558	113 771	168 083	66 723	2 598	98 762	10	15	14	5
		1998.. 180 605	68 094	2 663	109 847	186 817	71 181	2 166	113 470	3	3	6	3
		1997.. 172 505	67 323	2 162	103 020	163 126	68 373	2 091	92 662	X	X	X	X
31182	Cookie, cracker, & pasta mfg .....	2000.. 797 415	434 334	18 155	344 926	792 365	443 722	12 937	335 705	4	4	13	5
		1999.. 840 410	463 326	14 750	362 334	474 076	494 201	13 962	365 914	2	2	14	2
		1998.. 914 540	503 302	10 713	400 524	908 541	503 022	12 374	393 145	1	2	1	1
		1997.. 927 476	515 392	13 072	399 012	919 268	506 875	12 857	399 536	X	X	X	X
311821	Cookie & cracker mfg .....	2000.. 407 375	215 975	7 361	184 039	419 011	229 842	2 323	186 847	8	7	23	10
		1999.. 443 877	242 160	2 771	198 947	475 413	265 515	2 400	207 997	3	4	59	4
		1998.. 490 243	272 674	3 201	214 368	493 812	275 937	4 701	213 174	2	4	4	1
		1997.. 505 816	288 822	5 108	211 886	514 132	294 560	4 056	215 516	X	X	X	X
311822	Flour mixes & dough mfg from purchased flour .....	2000.. 297 536	158 277	7 179	132 081	282 113	154 435	6 163	121 516	3	4	23	4
		1999.. 295 374	153 730	7 485	134 159	283 184	148 025	5 206	129 953	3	4	15	3
		1998.. 308 027	151 605	5 973	150 448	308 408	156 598	5 952	145 858	1	1	2	1
		1997.. 307 079	151 871	6 244	148 964	283 656	134 245	5 062	144 349	X	X	X	X
311823	Dry pasta mfg .....	2000.. 92 504	60 082	3 616	28 807	91 240	59 446	4 452	27 343	4	2	4	8
		1999.. 101 158	67 436	4 494	29 228	115 479	80 660	6 356	28 463	3	2	3	8
		1998.. 116 270	79 023	1 539	35 708	106 321	70 487	1 721	34 113	1	1	1	1
		1997.. 114 581	74 699	1 720	38 162	121 480	78 070	3 739	39 671	X	X	X	X
31183	Tortilla mfg .....	2000.. 39 222	12 360	1 557	25 304	38 293	11 928	1 567	24 798	6	7	10	6
		1999.. 39 170	12 027	1 606	25 537	36 900	10 998	1 592	24 310	5	6	6	5
		1998.. 42 267	15 017	1 493	25 756	39 975	13 182	2 062	24 731	8	4	31	12
		1997.. 42 334	12 486	1 987	27 861	43 467	14 067	2 297	27 103	X	X	X	X
311830	Tortilla mfg .....	2000.. 39 222	12 360	1 557	25 304	38 293	11 928	1 567	24 798	6	7	10	6
		1999.. 39 170	12 027	1 606	25 537	36 900	10 998	1 592	24 310	5	6	6	5
		1998.. 42 267	15 017	1 493	25 756	39 975	13 182	2 062	24 731	8	4	31	12
		1997.. 42 334	12 486	1 987	27 861	43 467	14 067	2 297	27 103	X	X	X	X
3119	Other food mfg .....	2000.. 4 384 884	1 908 646	618 437	1 857 801	4 193 861	1 874 224	552 785	1 766 853	2	3	10	3
		1999.. 4 296 637	1 907 227	553 454	1 835 956	4 152 440	1 833 629	509 392	1 809 419	2	3	6	3
		1998.. 4 028 470	1 588 369	574 384	1 865 717	3 949 383	1 601 588	640 848	1 706 948	2	3	6	2
		1997.. 3 984 477	1 550 350	646 708	1 787 419	3 529 786	1 391 683	554 052	1 584 051	X	X	X	X
31191	Snack food mfg .....	2000.. 1 195 427	453 712	311 318	430 398	1 032 691	467 202	211 729	353 760	6	4	21	5
		1999.. 1 125 137	500 163	206 794	418 180	1 102 715	445 470	212 398	444 847	4	3	15	3
		1998.. 1 085 099	335 673	259 044	490 382	974 091	338 709	305 138	330 245	7	12	14	4
		1997.. 1 027 719	357 349	314 201	356 169	914 571	309 940	294 463	310 168	X	X	X	X
311911	Roasted nuts & peanut butter mfg .....	2000.. 739 558	253 806	309 989	175 763	682 296	292 939	209 490	179 867	9	6	21	7
		1999.. 775 007	325 863	204 446	244 698	793 153	299 651	207 045	286 457	5	4	16	5
		1998.. 765 489	194 700	253 132	317 658	674 132	201 664	302 408	170 060	10	21	14	6
		1997.. 722 395	217 209	311 128	194 058	662 248	213 948	287 142	161 158	X	X	X	X
311919	Other snack food mfg .....	2000.. 455 869	199 906	1 329	254 634	350 395	174 263	2 239	173 893	4	3	100	7
		1999.. 350 130	174 301	2 348	173 482	309 562	145 819	5 353	158 390	3	3	63	5
		1998.. 319 610	140 973	5 912	172 725	299 960	137 045	2 730	160 185	1	1	19	3
		1997.. 305 324	140 140	3 073	162 111	252 323	95 992	7 321	149 010	X	X	X	X
31192	Coffee & tea mfg .....	2000.. 541 853	244 912	73 342	223 599	588 754	232 077	101 370	255 307	3	4	4	7
		1999.. 598 879	232 783	104 930	261 166	562 754	244 482	72 431	245 841	3	3	3	6
		1998.. 628 844	249 141	86 145	293 558	698 576	267 918	99 275	331 383	1	2	1	2
		1997.. 681 464	262 723	96 893	321 848	589 246	211 022	77 700	300 524	X	X	X	X
311920	Coffee & tea mfg .....	2000.. 541 853	244 912	73 342	223 599	588 754	232 077	101 370	255 307	3	4	4	7
		1999.. 598 879	232 783	104 930	261 166	562 754	244 482	72 431	245 841	3	3	3	6
		1998.. 628 844	249 141	86 145	293 558	698 576	267 918	99 275	331 383	1	2	1	2
		1997.. 681 464	262 723	96 893	321 848	589 246	211 022	77 700	300 524	X	X	X	X
31193	Flavoring syrup & concentrate mfg .....	2000.. 419 425	194 110	37 821	187 494	434 987	210 327	37 414	187 246	11	24	5	3
		1999.. 434 751	207 329	37 875	189 547	370 030	189 320	35 281	145 430	13	28	6	2
		1998.. 280 108	116 501	36 257	127 350	326 421	128 860	34 536	163 025	4	3	1	5
		1997.. 332 651	126 340	34 007	172 304	324 521	142 804	12 475	169 242	X	X	X	X
311930	Flavoring syrup & concentrate mfg .....	2000.. 419 425	194 110	37 821	187 494	434 987	210 327	37 414	187 246	11	24	5	3
		1999.. 434 751	207 329	37 875	189 547	370 030	189 320	35 281	145 430	13	28	6	2
		1998.. 280 108	116 501	36 257	127 350	326 421	128 860	34 536	163 025	4	3	1	5
		1997.. 332 651	126 340	34 007	172 304	324 521	142 804	12 475	169 242	X	X	X	X



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
311	Food mfg—Con.																			
3119	Other food mfg—Con.																			
31194	Seasoning & dressing mfg. . . . .	2000.. 1 189 515	541 646	124 546	523 323	1 181 797	546 731	134 555	500 512	5	2	1	10							
		1999.. 1 196 446	553 399	135 230	507 817	1 174 720	533 866	133 776	507 078	4	2	1	10							
		1998.. 1 077 668	499 592	132 137	445 939	1 027 770	489 578	120 173	418 019	3	2	3	6							
		1997.. 1 022 221	419 884	124 435	477 902	844 895	378 139	98 056	368 700	X	X	X	X							
311941	Mayonnaise, dressing, & other prepared sauce mfg. . . . .	2000.. 459 852	240 024	45 087	174 740	470 288	256 385	46 812	167 090	3	5	1	4							
		1999.. 475 779	260 994	46 921	167 863	460 805	252 319	36 581	171 905	2	4	2	2							
		1998.. 476 187	262 786	36 649	176 751	447 510	244 336	36 537	166 638	1	1	2	3							
		1997.. 381 485	186 582	37 176	157 727	370 715	190 634	41 439	138 642	X	X	X	X							
311942	Spice & extract mfg. . . . .	2000.. 729 663	301 622	79 458	348 583	711 509	290 345	87 743	333 421	7	2	2	15							
		1999.. 720 667	292 404	88 308	339 954	713 915	281 548	97 194	335 173	7	2	1	15							
		1998.. 601 481	236 806	95 488	269 187	580 260	245 243	83 636	251 381	6	5	4	9							
		1997.. 640 736	233 302	87 259	320 175	474 180	187 505	56 617	230 058	X	X	X	X							
31199	All other food mfg. . . . .	2000.. 1 038 664	474 266	71 412	492 986	955 631	417 887	67 716	470 028	3	4	5	3							
		1999.. 941 423	413 554	68 625	459 245	942 221	420 491	55 506	466 224	3	5	6	3							
		1998.. 956 750	387 462	60 801	508 488	922 526	376 523	81 725	464 277	1	1	6	1							
		1997.. 920 422	384 054	77 172	459 196	856 553	349 778	71 358	435 417	X	X	X	X							
311991	Perishable prepared food mfg. . . . .	2000.. 145 412	49 225	20 181	76 006	154 174	56 721	20 274	77 179	4	10	2	7							
		1999.. 157 472	57 193	22 151	78 129	139 617	56 682	14 499	68 437	4	10	5	6							
		1998.. 153 234	56 995	16 416	79 823	147 280	53 206	19 148	74 927	3	6	21	4							
		1997.. 145 511	47 214	19 857	78 440	135 328	45 490	7 329	82 509	X	X	X	X							
311999	All other miscellaneous food mfg. . . . .	2000.. 893 252	425 041	51 231	416 981	801 457	361 167	47 442	392 848	3	4	7	3							
		1999.. 783 951	356 361	46 474	381 116	802 603	363 809	41 007	397 787	3	5	9	3							
		1998.. 803 516	330 466	44 385	428 665	775 246	323 318	62 578	389 350	1	1	1	1							
		1997.. 774 911	336 840	57 315	380 756	721 225	304 288	64 029	352 908	X	X	X	X							
312	Beverage & tobacco product mfg. . . . .	2000.. 14 355 452	4 244 581	4 116 669	5 994 202	14 064 857	3 926 906	3 774 153	6 363 798	2	3	2	3							
		1999.. 14 167 109	4 009 285	3 569 335	6 588 490	14 294 326	3 763 677	3 654 000	6 876 649	1	4	2	2							
		1998.. 14 817 827	4 126 228	3 809 400	6 882 200	14 259 743	3 816 817	3 617 546	6 825 379	1	2	1	1							
		1997.. 14 188 142	3 838 636	3 634 606	6 714 900	13 302 961	3 542 159	2 990 064	6 770 738	X	X	X	X							
3121	Beverage mfg. . . . .	2000.. 8 692 841	3 437 192	3 897 499	1 358 151	7 988 693	3 159 553	3 562 613	1 266 526	3	4	2	11							
		1999.. 8 005 757	3 214 118	3 361 534	1 430 105	7 796 283	3 044 899	3 409 373	1 342 011	2	4	2	7							
		1998.. 8 215 859	3 382 587	3 508 998	1 324 275	7 576 545	3 030 202	3 282 988	1 263 354	1	2	1	2							
		1997.. 7 622 157	3 045 997	3 294 121	1 282 039	6 842 101	2 833 571	2 715 858	1 292 672	X	X	X	X							
31211	Soft drink & ice mfg. . . . .	2000.. 1 494 923	758 297	81 683	654 943	1 479 346	748 695	85 418	645 233	3	2	38	8							
		1999.. 1 425 757	731 652	71 454	622 652	1 297 548	636 779	42 892	617 877	2	2	37	8							
		1998.. 1 365 742	705 888	48 967	610 887	1 328 924	667 784	45 702	615 439	2	3	1	2							
		1997.. 1 368 996	691 441	45 823	631 732	1 304 405	671 616	40 798	591 991	X	X	X	X							
312111	Soft drink mfg. . . . .	2000.. 1 409 807	725 536	80 247	604 024	1 397 039	717 659	83 691	595 689	3	2	38	8							
		1999.. 1 334 476	694 593	69 353	570 531	1 223 486	609 284	41 688	572 514	2	2	38	9							
		1998.. 1 297 431	667 453	47 552	582 425	1 252 885	634 007	44 234	574 644	2	3	1	2							
		1997.. 1 294 689	658 774	44 446	591 469	1 248 475	638 966	39 283	570 226	X	X	X	X							
312112	Bottled water mfg. . . . .	2000.. 73 119	28 548	1 220	43 352	72 354	27 086	1 554	43 714	9	18	28	7							
		1999.. 80 725	32 622	1 890	46 213	64 249	23 265	1 003	39 981	14	20	29	11							
		1998.. 53 890	33 937	909	19 045	62 856	28 366	966	33 524	5	9	8	5							
		1997.. 61 314	27 420	900	32 994	42 071	26 479	913	14 679	X	X	X	X							
312113	Ice mfg. . . . .	2000.. 11 997	4 214	216	7 567	9 953	3 950	173	5 830	11	10	22	14							
		1999.. 10 556	4 437	211	5 908	9 814	4 231	201	5 382	8	10	20	8							
		1998.. 14 420	4 498	506	9 416	13 183	5 410	502	7 271	6	18	1	5							
		1997.. 12 993	5 247	477	7 269	13 859	6 171	602	7 086	X	X	X	X							
31212	Breweries . . . . .	2000.. 524 779	84 029	171 342	269 408	527 406	79 591	178 428	269 387	2	4	4	2							
		1999.. 520 572	79 340	179 002	262 229	542 038	87 191	178 281	276 566	1	4	1	1							
		1998.. 530 080	66 830	181 605	281 645	535 673	75 175	183 139	277 359	1	1	1	1							
		1997.. 537 139	76 101	183 945	277 093	590 712	80 484	181 715	328 513	X	X	X	X							
312120	Breweries . . . . .	2000.. 524 779	84 029	171 342	269 408	527 406	79 591	178 428	269 387	2	4	4	2							
		1999.. 520 572	79 340	179 002	262 229	542 038	87 191	178 281	276 566	1	4	1	1							
		1998.. 530 080	66 830	181 605	281 645	535 673	75 175	183 139	277 359	1	1	1	1							
		1997.. 537 139	76 101	183 945	277 093	590 712	80 484	181 715	328 513	X	X	X	X							
31213	Wineries . . . . .	2000.. 4 816 216	1 284 591	3 201 796	329 828	4 212 891	1 085 012	2 877 258	250 621	3	3	2	44							
		1999.. 4 239 716	1 129 500	2 693 524	416 691	4 176 036	1 109 398	2 731 904	334 734	2	3	1	21							
		1998.. 4 285 257	1 219 396	2 768 277	297 584	3 791 867	947 173	2 609 594	235 100	2	6	1	6							
		1997.. 3 772 684	934 817	2 607 160	230 707	3 143 103	856 125	2 055 239	231 739	X	X	X	X							
312130	Wineries . . . . .	2000.. 4 816 216	1 284 591	3 201 796	329 828	4 212 891	1 085 012	2 877 258	250 621	3	3	2	44							
		1999.. 4 239 716	1 129 500	2 693 524	416 691	4 176 036	1 109 398	2 731 904	334 734	2	3	1	21							
		1998.. 4 285 257	1 219 396	2 768 277	297 584	3 791 867	947 173	2 609 594	235 100	2	6	1	6							
		1997.. 3 772 684	934 817	2 607 160	230 707	3 143 103														

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
312	Beverage & tobacco product mfg —Con.																			
3122	Tobacco mfg—Con.																			
31221	Tobacco stemming & redrying .....	2000.. 488 197	285 605	115 774	86 818	507 393	263 466	100 993	142 934	1	1	1	1							
		1999.. 595 714	291 159	100 975	203 580	513 728	252 919	136 352	124 457	1	1	1	1							
		1998.. 558 176	246 628	183 882	127 666	661 352	295 945	204 010	161 397	1	1	1	1							
		1997.. 600 142	302 522	205 966	91 654	521 387	263 696	134 544	123 147	X	X	X	X							
312210	Tobacco stemming & redrying .....	2000.. 488 197	285 605	115 774	86 818	507 393	263 466	100 993	142 934	1	1	1	1							
		1999.. 595 714	291 159	100 975	203 580	513 728	252 919	136 352	124 457	1	1	1	1							
		1998.. 558 176	246 628	183 882	127 666	661 352	295 945	204 010	161 397	1	1	1	1							
		1997.. 600 142	302 522	205 966	91 654	521 387	263 696	134 544	123 147	X	X	X	X							
31222	Tobacco product mfg .....	2000.. 5 174 413	521 784	103 396	4 549 234	5 568 771	503 887	110 546	4 954 338	1	8	2	1							
		1999.. 5 565 638	504 008	106 825	4 954 805	5 984 315	465 859	108 275	5 410 182	1	2	2	1							
		1998.. 6 043 792	497 013	116 520	5 430 259	6 021 846	490 670	130 548	5 400 628	1	1	1	1							
		1997.. 5 965 843	490 117	134 519	5 341 207	5 939 473	444 892	139 662	5 354 919	X	X	X	X							
312221	Cigarette mfg .....	2000.. 4 596 119	387 955	66 648	4 141 516	5 055 251	406 824	74 194	4 574 233	1	1	1	1							
		1999.. 5 051 911	406 856	70 459	4 574 596	5 467 078	367 509	73 157	5 026 412	1	1	1	1							
		1998.. 5 471 695	367 952	73 320	5 030 423	5 504 339	392 744	91 637	5 019 958	1	1	1	1							
		1997.. 5 504 339	392 744	91 637	5 019 958	5 502 531	372 439	103 878	5 026 214	X	X	X	X							
312229	Other tobacco product mfg .....	2000.. 578 294	133 829	36 748	407 718	513 520	97 063	36 352	380 105	9	29	6	3							
		1999.. 513 727	97 152	36 366	380 209	517 237	98 350	35 118	383 770	3	9	6	1							
		1998.. 572 097	129 061	43 200	399 836	517 507	97 261	38 911	380 670	1	1	1	1							
		1997.. 461 504	97 373	42 882	321 249	436 942	72 453	35 784	328 705	X	X	X	X							
313	Textile mills .....	2000.. 6 149 179	2 664 535	1 602 694	1 881 950	6 507 254	2 806 966	1 714 043	1 986 245	2	2	2	4							
		1999.. 6 647 716	2 879 847	1 725 988	2 041 881	6 683 638	2 839 544	1 796 284	2 047 811	2	3	1	4							
		1998.. 6 708 102	2 829 060	1 827 058	2 051 984	6 600 394	2 561 833	1 905 599	2 132 962	1	2	1	2							
		1997.. 6 640 225	2 580 798	1 842 741	2 216 686	6 678 254	2 633 117	1 923 976	2 121 161	X	X	X	X							
3131	Fiber, yarn, & thread mills .....	2000.. 1 154 032	553 000	226 494	374 538	1 205 736	588 296	227 567	389 873	9	8	4	16							
		1999.. 1 218 250	588 311	230 849	399 090	1 222 926	581 244	224 930	416 752	12	14	3	14							
		1998.. 1 078 639	479 594	237 315	361 731	1 037 971	367 386	223 347	447 238	1	2	1	2							
		1997.. 1 082 047	376 233	239 253	466 561	1 087 945	410 391	264 620	412 934	X	X	X	X							
31311	Fiber, yarn, & thread mills .....	2000.. 1 154 032	553 000	226 494	374 538	1 205 736	588 296	227 567	389 873	9	8	4	16							
		1999.. 1 218 250	588 311	230 849	399 090	1 222 926	581 244	224 930	416 752	12	14	3	14							
		1998.. 1 078 639	479 594	237 315	361 731	1 037 971	367 386	223 347	447 238	1	2	1	2							
		1997.. 1 082 047	376 233	239 253	466 561	1 087 945	410 391	264 620	412 934	X	X	X	X							
313111	Yarn spinning mills .....	2000.. 608 531	309 992	119 636	178 903	614 060	289 672	135 693	188 695	4	7	6	5							
		1999.. 629 643	295 966	138 921	194 756	665 819	301 789	146 100	217 930	2	3	4	4							
		1998.. 682 399	302 014	158 148	222 236	635 920	239 126	146 881	249 913	1	2	2	3							
		1997.. 679 572	244 580	161 355	273 637	702 934	257 057	189 701	256 176	X	X	X	X							
313112	Yarn texturing, throwing, & twisting mills .....	2000.. 497 797	220 837	91 139	185 821	550 431	277 533	80 754	192 144	21	17	6	33							
		1999.. 546 806	270 964	80 634	195 208	515 458	259 108	66 840	189 511	26	30	3	29							
		1998.. 345 100	156 933	62 207	125 959	348 257	106 234	58 026	183 997	2	5	1	2							
		1997.. 350 768	110 475	60 734	179 559	333 589	133 795	56 927	142 867	X	X	X	X							
313113	Thread mills .....	2000.. 47 704	22 171	15 719	9 814	21 091	11 120	9 034	2 2	2	1	4								
		1999.. 41 801	21 381	11 294	9 126	41 649	20 347	11 990	9 312	2	2	5								
		1998.. 51 141	20 646	16 959	13 566	53 795	22 027	18 441	13 327	1	1	1								
		1997.. 51 707	21 178	17 164	13 365	51 422	19 539	17 992	13 891	X	X	X	X							
3132	Fabric mills .....	2000.. 3 457 205	1 491 202	1 022 656	943 347	3 685 168	1 578 966	1 096 614	1 009 588	2	2	2	4							
		1999.. 3 780 963	1 633 780	1 116 077	1 031 106	3 800 865	1 575 398	1 188 430	1 037 037	1	1	1	3							
		1998.. 3 880 203	1 629 054	1 192 382	1 058 767	3 899 428	1 540 026	1 256 119	1 103 283	2	2	1	1							
		1997.. 3 878 967	1 563 256	1 219 247	1 096 464	3 957 608	1 586 208	1 275 143	1 096 257	X	X	X	X							
31321	Broadwoven fabric mills .....	2000.. 2 148 094	944 943	742 527	460 623	2 328 671	1 026 868	794 037	507 766	2	3	3	3							
		1999.. 2 410 475	1 094 714	796 834	518 928	2 429 864	1 021 613	851 833	556 418	1	1	2	2							
		1998.. 2 454 507	1 024 730	847 717	582 061	2 399 645	947 739	874 965	576 940	1	2	1	1							
		1997.. 2 381 334	965 082	830 610	585 642	2 511 797	1 009 921	887 846	614 030	X	X	X	X							
313210	Broadwoven fabric mills .....	2000.. 2 148 094	944 943	742 527	460 623	2 328 671	1 026 868	794 037	507 766	2	3	3	3							
		1999.. 2 410 475	1 094 714	796 834	518 928	2 429 864	1 021 613	851 833	556 418	1	1	2	2							
		1998.. 2 454 507	1 024 730	847 717	582 061	2 399 645	947 739	874 965	576 940	1	2	1	1							
		1997.. 2 381 334	965 082	830 610	585 642	2 511 797	1 009 921	887 846	614 030	X	X	X	X							
31322	Narrow fabric mills & schiffli machine embroidery .....	2000.. 313 649	118 331	64 109	131 209	325 686	124 161	66 469	135 056	9	4	4	22							
		1999.. 329 510	119 796	75 122	134 592	306 528	112 005	71 990	122 533	9	3	4	21							
		1998.. 275 054	114 439	69 820	90 794	283 742	114 436	75 437	93 868	4	6	3	4							
		1997.. 283 938	114 621	75 314	94 003	272 529	110 244	78 942	83 343	X	X	X	X							
313221	Narrow fabric mills .....	2000.. 266 011	108 738	60 734	96 539	277 595	114 454	63 292	99 848	3	4	4	6							
		1999.. 279 267	111 966	68 599	98 702	257 947	103 998	65 035	88 914	3	2	4	4							
		1998.. 247 425	101 654	63 485	82 286	253 732	100 336	68 568	84 827	5	6	3	5							
		1997.. 253 760																		

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[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
313	Textile mills—Con.												
3132	Fabric mills—Con.												
31324	Knit fabric mills .....	2000.. 399 638	109 141	124 206	166 291	441 473	121 775	142 521	177 177	4	8	4	3
		1999.. 482 872	139 096	151 909	191 867	494 520	142 633	167 425	184 462	4	7	4	4
		1998.. 568 060	183 436	180 261	204 363	604 100	173 442	195 741	234 917	3	9	1	1
		1997.. 617 451	174 082	199 728	243 641	603 093	173 610	207 432	222 051	X	X	X	X
313241	Weft knit fabric mills .....	2000.. 175 638	44 178	47 617	83 843	198 820	53 063	55 703	90 054	5	11	7	5
		1999.. 208 692	58 073	59 977	90 642	217 104	62 651	64 732	89 721	5	12	6	5
		1998.. 256 532	86 174	70 853	99 505	286 889	73 979	87 982	124 928	6	18	1	3
		1997.. 282 194	68 788	87 148	126 258	264 935	72 827	88 427	103 681	X	X	X	X
313249	Other knit fabric & lace mills .....	2000.. 223 999	64 963	76 589	82 448	242 653	68 712	86 818	87 123	6	11	5	4
		1999.. 274 180	81 023	91 932	101 225	277 416	79 982	102 693	94 741	6	9	5	6
		1998.. 311 528	97 262	109 408	104 858	317 211	99 464	107 759	109 988	1	1	1	1
		1997.. 335 257	105 294	112 580	117 383	338 158	100 783	119 005	118 370	X	X	X	X
3133	Textile & fabric finishing & fabric coating mills .....	2000.. 1 537 942	620 333	353 544	564 064	1 616 350	639 704	389 862	586 784	3	4	4	6
		1999.. 1 648 503	657 755	379 061	611 686	1 659 847	682 902	382 924	594 021	3	3	3	6
		1998.. 1 749 261	720 413	397 361	631 487	1 662 995	654 421	426 132	582 442	4	5	3	5
		1997.. 1 679 211	641 309	384 241	653 661	1 632 701	636 518	384 213	611 970	X	X	X	X
31331	Textile & fabric finishing mills .....	2000.. 1 215 173	476 623	312 781	425 769	1 302 980	503 769	349 342	449 870	4	5	4	8
		1999.. 1 333 628	519 727	342 530	471 370	1 323 890	537 666	343 339	442 885	4	4	3	8
		1998.. 1 422 340	584 008	353 090	485 242	1 332 831	505 853	379 520	447 458	4	6	3	7
		1997.. 1 342 426	490 029	335 956	516 441	1 291 279	486 394	337 425	467 460	X	X	X	X
313311	Broadwoven fabric finishing mills .....	2000.. 827 177	329 302	209 589	288 286	903 699	349 857	260 234	293 607	4	8	6	7
		1999.. 919 349	361 297	254 622	303 430	952 523	381 944	255 246	315 333	4	6	4	6
		1998.. 1 025 256	432 996	261 886	330 374	944 748	353 057	278 128	313 563	6	8	4	7
		1997.. 952 919	332 412	236 041	384 466	925 418	347 350	241 164	336 904	X	X	X	X
313312	Textile & fabric finishing mills .....	2000.. 387 996	147 321	103 192	137 483	399 281	153 911	89 108	156 262	7	4	6	18
		1999.. 414 279	158 431	87 909	167 940	371 367	155 722	88 093	127 552	8	3	7	20
		1998.. 397 084	151 012	91 204	154 868	388 084	152 797	101 392	133 895	6	1	3	15
		1997.. 389 507	157 617	99 915	131 975	365 861	139 044	96 261	130 556	X	X	X	X
31332	Fabric coating mills .....	2000.. 322 769	143 710	40 764	138 296	313 370	135 935	40 520	136 915	4	5	10	5
		1999.. 314 875	138 028	36 531	140 316	335 957	145 236	39 585	151 136	4	5	10	4
		1998.. 326 921	136 405	44 271	146 245	330 164	148 568	46 612	134 984	5	9	6	6
		1997.. 336 785	151 280	48 285	137 220	341 422	150 124	46 788	144 510	X	X	X	X
313320	Fabric coating mills .....	2000.. 322 769	143 710	40 764	138 296	313 370	135 935	40 520	136 915	4	5	10	5
		1999.. 314 875	138 028	36 531	140 316	335 957	145 236	39 585	151 136	4	5	10	4
		1998.. 326 921	136 405	44 271	146 245	330 164	148 568	46 612	134 984	5	9	6	6
		1997.. 336 785	151 280	48 285	137 220	341 422	150 124	46 788	144 510	X	X	X	X
314	Textile product mills .....	2000.. 4 741 342	2 158 554	842 031	1 740 757	4 104 439	1 894 415	783 077	1 426 946	1	2	2	2
		1999.. 4 218 776	1 928 774	807 096	1 482 906	4 024 002	1 806 254	770 208	1 447 540	1	2	1	2
		1998.. 4 413 568	2 000 499	821 811	1 591 257	4 275 294	1 941 401	805 901	1 527 991	1	1	2	2
		1997.. 4 330 993	1 960 918	828 680	1 541 395	4 063 504	1 779 294	777 510	1 506 700	X	X	X	X
3141	Textile furnishings mills .....	2000.. 3 312 992	1 528 505	630 306	1 154 181	2 755 175	1 291 064	585 990	878 121	1	2	1	2
		1999.. 2 779 862	1 291 042	589 398	899 423	2 637 030	1 197 833	557 700	881 497	1	2	1	2
		1998.. 3 003 221	1 396 942	629 007	977 272	2 857 309	1 348 192	603 325	905 791	1	1	2	2
		1997.. 2 908 180	1 356 220	616 369	935 591	2 699 290	1 198 288	584 914	916 088	X	X	X	X
31411	Carpet & rug mills .....	2000.. 1 654 313	720 655	331 726	601 932	1 215 324	540 746	281 889	392 689	1	3	1	1
		1999.. 1 216 153	539 587	283 241	393 324	1 215 306	530 440	263 499	421 366	1	1	1	1
		1998.. 1 455 485	681 738	309 724	464 023	1 384 459	647 861	292 123	444 474	1	1	1	1
		1997.. 1 451 219	678 719	299 834	472 666	1 388 259	610 900	324 434	452 925	X	X	X	X
314110	Carpet & rug mills .....	2000.. 1 654 313	720 655	331 726	601 932	1 215 324	540 746	281 889	392 689	1	3	1	1
		1999.. 1 216 153	539 587	283 241	393 324	1 215 306	530 440	263 499	421 366	1	1	1	1
		1998.. 1 455 485	681 738	309 724	464 023	1 384 459	647 861	292 123	444 474	1	1	1	1
		1997.. 1 451 219	678 719	299 834	472 666	1 388 259	610 900	324 434	452 925	X	X	X	X
31412	Curtain & linen mills .....	2000.. 1 658 679	807 850	298 579	552 250	1 539 850	750 318	304 101	485 431	2	2	3	3
		1999.. 1 563 709	751 455	306 156	506 098	1 421 724	667 392	294 201	460 130	2	3	2	3
		1998.. 1 547 736	715 204	319 283	513 250	1 472 850	700 331	311 202	461 317	3	2	4	4
		1997.. 1 456 961	677 501	316 535	462 925	1 311 031	587 388	260 480	463 163	X	X	X	X
314121	Curtain & drapery mills .....	2000.. 263 388	100 743	31 255	131 390	232 287	86 233	29 287	116 767	7	7	10	8
		1999.. 238 639	88 785	28 775	121 079	233 479	89 091	41 809	102 578	4	7	6	5
		1998.. 286 190	106 281	45 500	134 409	273 152	94 674	51 642	126 835	3	6	10	4
		1997.. 265 520	90 388	51 619	123 513	249 845	81 329	47 941	120 575	X	X	X	X
314129	Other household textile product mills .....	2000.. 1 395 290	707 106	267 324	420 860	1 307 563	664 085	274 813	368 665	2	2	3	3
		1999.. 1 325 070	662 670	277 381	385 019	1 188 245	578 301	252 392	357 552	2	3	3	4
		1998.. 1 261 547	608 922	273 783	378 841	1 199 698	605 657	259 559	334 482	3	2	4	5
		1997.. 1 191 441	587 113	264 916	339 412	1 061 186	506 059	212 539	342 588	X	X	X	X
3149	Other textile product mills .....	2000.. 1 428 350	630 049	211 725	586 576	1 349 264	603 352	197 087	548 826	3	3	4	4
		1999.. 1 438 914	637 732	217 699	583 483	1 386 972	608 421	212 508	566 043	2	3	3	3
		1998.. 1 410 347	603 557	192 804	613 985	1 417 985	593 209	202 576	622 200	2	3	4	3
		1997.. 1 422 813	604 698	212 311	605 804	1 364 214	581 006	192 596	590 612	X	X	X	X
31491	Textile bag & canvas mills .....	2000.. 330 163	120 590	49 694	159 879	321 418	118 073	47 900	155 445	4	5	6	5
		1999.. 327 764	122 263	48 664	156 837	331 038	121 263	48 770	161 006	3	4	5	4
		1998.. 330 673	127 196	46 010	157 466	350 193	127 591	50 692	171 909	3	3	5	4
		1997.. 350 059	127 399	51 618	171 042	322 220	117 913	46 895	157 412	X	X	X	X
314911	Textile bag mills .....	2000.. 122 093	42 507	14 294	65 291	114 496	41 702	14 007	58 786	6	8	10	7
		1999.. 122 344	44 284	15 512	62 549	126 840	42 356	16 932	67 552	6	7	11	7

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		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
314	Textile product mills—Con.												
3149	Other textile product mills—Con.												
31499	All other textile product mills . . . 2000..	1 098 187	509 459	162 031	426 697	1 027 846	485 278	149 186	393 381	4	3	6	5
	1999..	1 111 149	515 469	169 034	426 646	1 055 934	487 158	163 739	405 037	3	3	4	4
	1998..	1 079 674	476 361	146 794	456 519	1 067 792	465 618	151 884	450 290	3	4	5	3
	1997..	1 072 754	477 299	160 693	434 762	1 041 994	463 093	145 701	433 200	X	X	X	X
314991	Rope, cordage, & twine mills . . . . . 2000..	142 171	87 361	21 101	33 710	147 191	88 010	23 587	35 594	6	5	4	18
	1999..	144 862	86 242	23 903	34 717	141 234	86 465	22 454	32 316	6	4	4	11
	1998..	135 975	73 863	21 226	40 887	158 409	86 095	24 620	47 694	11	10	22	17
	1997..	157 789	84 986	24 255	48 548	141 534	80 631	16 636	44 267	X	X	X	X
314992	Tire cord & tire fabric mills . . . 2000..	151 860	75 433	32 989	43 438	134 589	68 226	28 762	37 601	1	1	1	1
	1999..	138 875	68 281	29 704	40 890	153 559	63 982	33 460	55 617	1	1	1	1
	1998..	138 800	57 775	27 338	53 688	133 577	59 965	26 288	47 324	3	1	2	7
	1997..	133 577	59 965	26 288	47 324	121 983	55 446	26 783	39 754	X	X	X	X
314999	All other miscellaneous textile product mills . . . . . 2000..	804 156	346 665	107 942	349 549	746 066	329 042	96 838	320 186	5	5	8	5
	1999..	827 412	360 946	115 428	351 039	761 641	336 712	107 825	317 104	4	4	5	5
	1998..	804 898	344 723	98 231	361 944	775 807	319 558	100 977	355 272	3	5	6	3
	1997..	781 388	332 348	110 150	338 890	778 477	327 016	102 282	349 179	X	X	X	X
315	Apparel mfg . . . . . 2000..	9 271 165	5 028 172	1 842 960	2 400 033	8 861 196	4 644 497	1 792 536	2 424 162	2	2	2	2
	1999..	9 454 091	4 940 172	1 936 038	2 577 881	9 114 090	4 661 570	1 817 572	2 634 948	1	2	1	2
	1998..	9 575 323	4 866 890	2 034 348	2 674 086	9 533 203	4 748 810	2 032 143	2 752 250	1	1	1	2
	1997..	9 266 744	4 465 689	2 010 164	2 790 891	8 856 417	4 204 660	1 825 616	2 826 141	X	X	X	X
3151	Apparel knitting mills . . . . . 2000..	1 148 862	496 629	397 705	254 529	1 085 374	469 820	375 881	239 673	2	3	3	3
	1999..	1 080 298	468 016	373 215	239 067	1 013 768	457 117	326 827	229 824	2	3	3	3
	1998..	1 084 429	464 697	383 067	236 665	1 022 632	414 989	353 620	254 023	2	2	6	2
	1997..	1 065 481	449 805	343 241	272 435	1 100 884	465 692	351 924	283 268	X	X	X	X
31511	Hosiery & sock mills . . . . . 2000..	606 525	256 133	216 187	134 205	572 929	240 953	211 431	120 546	3	4	3	5
	1999..	568 889	238 870	208 819	121 200	547 416	237 759	193 553	116 104	3	4	4	5
	1998..	575 285	240 019	212 297	122 969	593 903	256 672	200 784	136 447	1	2	2	3
	1997..	594 831	264 093	193 766	136 972	595 820	252 620	209 657	133 543	X	X	X	X
315111	Sheer hosiery mills . . . . . 2000..	248 853	93 247	102 046	53 560	217 772	77 638	97 631	42 503	3	4	4	4
	1999..	214 957	77 013	96 396	41 547	240 663	101 812	97 904	40 947	3	4	4	6
	1998..	248 612	103 044	101 489	44 080	238 557	97 676	91 801	49 080	1	3	2	5
	1997..	250 891	104 339	95 743	50 809	264 670	106 129	109 550	48 991	X	X	X	X
315119	Other hosiery & sock mills . . . 2000..	357 672	162 886	114 141	80 645	355 157	163 315	113 800	78 043	4	6	6	8
	1999..	353 932	161 857	112 422	79 653	306 753	135 947	95 649	75 158	4	6	7	7
	1998..	326 673	136 975	110 809	78 889	355 346	158 996	108 983	87 367	2	3	2	3
	1997..	343 940	159 754	98 023	86 163	331 150	146 491	100 107	84 552	X	X	X	X
31519	Other apparel knitting mills . . . 2000..	542 338	240 496	181 518	120 324	512 445	228 868	164 451	119 127	3	3	4	4
	1999..	511 409	229 146	164 397	117 867	466 352	219 358	133 274	113 720	2	2	3	3
	1998..	509 144	224 678	170 770	113 696	428 729	158 317	152 836	117 576	4	4	14	2
	1997..	470 650	185 712	149 475	135 463	505 064	213 072	142 267	149 725	X	X	X	X
315191	Outerwear knitting mills . . . . 2000..	464 816	216 056	148 372	100 388	416 644	188 841	130 756	97 048	4	4	5	4
	1999..	419 963	189 826	133 324	96 814	381 889	179 738	109 622	92 529	3	3	4	3
	1998..	397 018	185 100	117 268	94 649	338 530	112 435	126 310	99 786	2	2	4	2
	1997..	351 513	117 085	122 834	111 594	389 305	146 694	118 245	124 366	X	X	X	X
315192	Underwear & nightwear knitting mills . . . . . 2000..	77 522	24 440	33 146	19 935	95 801	40 027	33 695	22 079	5	7	4	6
	1999..	91 446	39 320	31 073	21 053	84 463	39 620	23 652	21 191	3	4	4	3
	1998..	112 126	39 577	53 501	19 447	90 199	45 882	26 526	17 791	15	18	45	1
	1997..	119 137	68 627	26 641	23 869	115 759	66 378	24 022	25 359	X	X	X	X
3152	Cut & sew apparel mfg . . . . . 2000..	7 401 492	4 173 489	1 358 543	1 869 460	7 090 578	3 830 273	1 338 249	1 922 057	2	3	2	2
	1999..	7 679 991	4 127 201	1 482 639	2 070 151	7 408 183	3 864 287	1 413 989	2 129 908	2	2	2	2
	1998..	7 703 624	3 994 488	1 560 569	2 148 567	7 757 892	3 960 849	1 584 434	2 212 609	1	2	1	2
	1997..	7 470 432	3 648 596	1 571 462	2 250 374	7 045 138	3 369 907	1 382 682	2 292 549	X	X	X	X
31521	Cut & sew apparel contractors . . . . . 2000..	309 858	100 607	68 099	141 153	302 162	85 291	58 842	158 029	18	26	19	20
	1999..	349 658	111 775	69 366	168 517	379 057	146 538	71 065	161 454	14	21	19	15
	1998..	451 360	96 090	84 292	270 977	494 918	132 497	98 556	263 865	4	11	5	4
	1997..	506 194	107 151	104 397	294 646	538 250	112 142	79 221	346 887	X	X	X	X
315211	Men's & boys' cut & sew apparel contractors . . . . . 2000..	118 321	38 797	33 087	46 436	99 956	29 788	27 306	42 862	10	16	16	9
	1999..	106 830	29 879	28 994	47 957	124 502	64 965	27 264	32 273	7	12	12	7
	1998..	110 922	26 606	36 552	47 765	135 742	52 604	46 466	36 671	5	8	2	8
	1997..	93 041	15 408	42 820	34 813	124 514	42 615	37 080	44 819	X	X	X	X
315212	Women's, girls', & infants' cut & sew apparel contractors . . . . . 2000..	191 538	61 809	35 011	94 717	202 206	55 502	31 536	115 167	28	41	34	29
	1999..	242 828	81 896	40 372	120 561	254 555	81 573	43 801	129 181	20	28	31	21
	1998..	340 437	69 485	47 740	223 213	359 176	79 893	52 090	227 194	5	14	8	5
	1997..	413 153	91 743	61 577	259 833	413 736	69 527	42 141	302 068	X	X	X	X
31522	Men's & boys' cut & sew apparel mfg . . . . . 2000..	2 844 022	1 678 671	496 341	669 010	2 930 034	1 641 827	564 636	723 571	4	6	3	4
	1999..	2 989 636	1 648 017	590 469	751 150	2 902 758	1 482 065	577 683	843 010	3	5	2	3
	1998..	2 901 613	1 493 430	596 876	811 307	2 833 706	1 465 165	602 168	766 373	1	1	1	1
	1997..	2 876 604	1 480 167	625 838	770 599	2 652 250	1 350 191	532 773	769 286	X	X	X	X
315221	Men's & boys' cut & sew underwear & nightwear mfg . . . . . 2000..	212 709	156 667	32 978	23 064	166 516	98 440	32 279	35 797	5	3	13	10
	1999..	177 880	104 649	35 108	38 123	209 664	137 844	31 421	40 399	6	5	12	6
	1998..	103 687	43 008	22 937	37 743	100 617	43 516	23 171	33 930	2	2	2	2
	1997..	135 072	71 935	30 121	33 016	121 332	57 198	30 139	33 995	X	X	X	X
315222	Men's & boys' cut & sew suit, coat, & overcoat mfg . . . . . 2000..	511 767	312 589	72 620	126 558	478 132	270 957	76 759	130 416	21	28	7	15
	1999..	468 396	263 346	77 030	128 020	377 781	178 738						

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
315	Apparel mfg—Con.												
3152	Cut & sew apparel mfg—Con.												
31522	Men's & boys' cut & sew apparel mfg—Con.												
315223	Men's & boys' cut & sew shirt (exc work shirt) mfg ..	2000.. 797 475	486 435	147 982	163 059	915 306	571 287	178 472	165 546	3	3	5	7
		1999.. 877 076	520 744	184 697	171 635	784 682	406 778	166 496	211 408	2	3	4	5
		1998.. 943 350	567 641	185 695	190 015	914 617	563 368	175 288	175 961	2	2	4	3
		1997.. 854 696	508 979	173 500	172 217	830 484	493 424	158 668	178 392	X	X	X	X
315224	Men's & boys' cut & sew trouser, slack, & jean mfg .....	2000.. 649 888	334 690	153 973	161 225	715 170	348 001	183 127	184 042	5	6	6	5
		1999.. 785 546	390 140	200 540	194 867	801 819	385 953	191 871	223 995	2	4	2	2
		1998.. 781 474	362 487	201 448	217 539	799 415	379 640	207 968	211 808	1	1	1	1
		1997.. 746 677	344 998	197 084	204 595	645 255	306 079	153 920	185 256	X	X	X	X
315225	Men's & boys' cut & sew work clothing mfg .....	2000.. 357 217	201 669	47 282	108 266	316 723	158 792	49 244	108 687	6	11	5	5
		1999.. 321 080	164 395	44 846	111 838	320 498	161 353	45 498	113 647	7	12	4	4
		1998.. 314 167	137 193	52 499	124 475	282 983	124 252	48 719	110 012	5	6	6	6
		1997.. 289 087	127 571	54 426	107 090	248 709	107 608	40 889	100 212	X	X	X	X
315228	Men's & boys' cut & sew other outerwear mfg .....	2000.. 314 967	186 622	41 506	86 838	338 187	194 349	44 755	99 083	9	10	9	15
		1999.. 359 657	204 742	48 247	106 667	408 314	211 400	56 567	140 347	8	10	8	15
		1998.. 377 936	193 491	56 765	127 680	369 826	183 355	60 699	125 292	2	2	2	3
		1997.. 417 826	212 584	62 948	142 294	405 732	193 156	68 381	144 195	X	X	X	X
31523	Women's & girls' cut & sew apparel mfg .....	2000.. 3 873 074	2 189 492	731 828	951 754	3 473 790	1 891 506	649 931	932 354	2	2	4	2
		1999.. 3 913 503	2 140 296	745 643	1 027 564	3 752 386	2 043 394	695 112	1 013 880	2	2	2	2
		1998.. 3 911 823	2 116 647	798 702	996 474	3 996 604	2 133 842	810 301	1 052 461	1	1	1	1
		1997.. 3 634 683	1 804 520	769 133	1 061 030	3 441 107	1 684 410	699 744	1 056 953	X	X	X	X
315231	Women's & girls' cut/sew lingerie & nightwear mfg ..	2000.. 511 883	214 772	99 712	197 399	470 297	201 799	79 698	188 799	7	11	6	4
		1999.. 568 464	263 957	94 334	210 173	616 755	310 696	93 315	212 744	6	10	7	4
		1998.. 667 748	367 933	101 698	198 117	718 985	396 470	115 729	206 786	3	3	5	3
		1997.. 747 553	410 857	115 685	221 011	828 593	472 517	119 744	236 332	X	X	X	X
315232	Women's & girls' cut & sew blouse & shirt mfg .....	2000.. 1 103 385	789 278	168 665	145 442	896 703	599 994	149 811	146 898	3	2	8	9
		1999.. 1 020 383	667 805	170 699	181 879	957 784	616 106	152 116	189 562	2	2	6	5
		1998.. 987 296	659 658	163 872	163 768	984 720	613 307	174 239	197 174	1	1	1	3
		1997.. 569 027	268 653	131 971	168 403	505 723	225 244	111 395	169 084	X	X	X	X
315233	Women's & girls' cut & sew dress mfg .....	2000.. 646 967	281 709	165 693	199 565	639 725	287 720	154 657	197 348	5	4	11	4
		1999.. 647 084	295 117	154 920	197 047	619 442	273 328	154 856	191 259	4	7	2	3
		1998.. 616 700	269 337	149 042	198 321	645 976	273 017	157 764	215 195	1	1	2	3
		1997.. 609 885	239 569	165 955	204 361	562 077	200 176	144 184	217 717	X	X	X	X
315234	Women's & girls' cut & sew suit, coat, skirt mfg .....	2000.. 273 161	124 888	51 933	96 340	289 589	132 110	48 797	108 683	10	12	10	12
		1999.. 318 256	147 051	56 322	114 883	307 761	146 215	46 941	114 605	8	9	10	8
		1998.. 626 436	308 565	158 166	159 705	654 485	337 620	162 343	154 522	2	2	1	3
		1997.. 632 039	349 737	115 626	166 676	549 963	284 258	101 967	163 738	X	X	X	X
315239	Women's & girls' cut & sew other outerwear mfg .....	2000.. 1 337 679	778 846	245 826	313 007	1 177 476	669 883	216 967	290 625	3	3	3	3
		1999.. 1 359 316	766 366	269 368	323 581	1 250 643	697 048	247 885	305 710	2	2	3	3
		1998.. 1 013 642	511 154	225 925	276 564	992 437	513 428	200 226	278 783	1	2	2	3
		1997.. 1 076 179	535 704	239 896	300 579	994 751	502 215	222 454	270 082	X	X	X	X
31529	Other cut & sew apparel mfg .....	2000.. 374 538	204 719	62 275	107 544	384 592	211 649	64 840	108 104	4	5	3	7
		1999.. 427 194	227 112	77 162	122 920	373 982	192 290	70 129	111 563	8	9	5	8
		1998.. 438 828	288 321	80 698	69 809	432 664	229 345	73 409	129 911	8	22	10	66
		1997.. 452 951	256 758	72 094	124 099	413 531	223 164	70 944	119 423	X	X	X	X
315291	Infants' cut & sew apparel mfg .....	2000.. 102 143	50 806	26 673	24 664	133 297	70 951	31 552	30 794	6	8	1	12
		1999.. 167 412	79 672	42 022	45 718	127 859	54 047	38 832	34 981	18	24	8	18
		1998.. 141 538	67 357	36 778	37 404	170 829	94 780	38 933	37 116	15	22	4	14
		1997.. 99 677	37 322	33 350	29 005	97 838	41 681	29 149	27 008	X	X	X	X
315292	Fur & leather apparel mfg ..	2000.. 52 645	26 636	7 743	18 266	48 663	21 706	7 356	19 602	16	11	15	35
		1999.. 48 560	23 332	7 818	17 410	46 827	20 071	7 945	18 811	12	10	12	32
		1998.. 35 837	20 944	6 443	8 450	35 497	19 077	7 381	9 038	3	5	7	3
		1997.. 36 738	20 232	7 535	8 971	37 255	19 320	7 506	10 429	X	X	X	X
315299	All other cut & sew apparel mfg .....	2000.. 219 750	127 278	27 860	64 613	202 632	118 992	25 932	57 708	6	7	5	5
		1999.. 211 222	124 108	27 322	59 793	199 296	118 173	23 352	57 771	4	5	5	4
		1998.. 261 453	200 020	37 478	23 955	226 339	115 488	27 095	83 757	10	31	21	A
		1997.. 316 536	199 204	31 209	86 123	278 438	162 163	34 289	81 986	X	X	X	X
3159	Apparel accessories & other apparel mfg .....	2000.. 720 811	358 054	86 712	276 044	685 243	344 404	78 406	262 433	2	3	4	4
		1999.. 693 802	344 955	80 184	268 663	692 139	340 167	76 756	275 216	2	4	3	4
		1998.. 787 271	407 705	90 712	288 854	752 679	372 971	94 089	285 618	1	1	1	2
		1997.. 730 831	367 288	95 461	268 082	710 395	369 061	91 010	250 324	X	X	X	X
31599	Apparel accessories & other apparel mfg .....	2000.. 720 811	358 054	86 712	276 044	685 243	344 404	78 406	262 433	2	3	4	4
		1999.. 693 802	344 955	80 184	268 663	692 139	340 167	76 756	275 216	2	4	3	4
		1998.. 787 271	407 705	90 712	288 854	752 679	372 971	94 089	285 618	1	1	1	2
		1997.. 730 831	367 288	95 461	268 082	710 395	369 061	91 010	250 324	X	X	X	X
315991	Hat, cap, & millinery mfg ...	2000.. 187 784	87 929	23 810	76 044	180 998	82 397	21 882	76 719	6	8	9	9
		1999.. 182 937	82 987	21 393	78 557	191 862	84 470	22 841	84 551	6	8	8	8
		1998.. 192 640	90 010	23 419	79 210	176 434	82 396	24 296	69 742	2	3	1	4
		1997.. 186 120	87 397	24 582	74 141	194 941	93 786	23 865	77 290	X	X	X	X
315992	Glove & mitten mfg .....	2000.. 100 702	63 000	11 767	25 936	97 132	60 083	11 906	25 143	3	4	4	5
		1999.. 96 655	59 884	11 836	24 935	99 164	59 639	10 703	28 821	3	4	4	5
		1998.. 139 445	86 349	15 663	37 432	140 069	86 310	15 867	37 892	1	1	2	A
		1997.. 130 738	83 304	15 224	32 210	124 765	81 068	16 560	27 137	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
315	Apparel mfg—Con.																			
3159	Apparel accessories & other apparel mfg—Con.																			
31599	Apparel accessories & other apparel mfg—Con.																			
315993	Men's & boys' neckwear mfg .....	2000.. 67 257	41 412	5 866	19 980	69 449	42 283	5 057	22 110	10	7	30	19							
		1999.. 75 308	45 617	5 968	23 723	88 437	54 580	8 336	25 521	7	5	28	11							
		1998.. 101 755	63 906	10 501	27 349	91 120	51 652	11 799	27 669	2	1	7	3							
		1997.. 91 176	51 830	11 697	27 649	89 329	49 276	12 173	27 880	X	X	X	X							
315999	Other apparel accessories & other apparel mfg .....	2000.. 365 067	165 714	45 270	154 084	337 664	159 642	39 561	138 462	2	5	2	5							
		1999.. 338 901	156 468	40 986	141 447	312 677	141 478	34 876	136 323	2	6	3	4							
		1998.. 353 431	167 440	41 129	144 863	345 056	152 614	42 127	150 316	2	3	1	2							
		1997.. 322 797	144 757	43 958	134 082	301 360	144 931	38 412	118 017	X	X	X	X							
316	Leather & allied product mfg .....	2000.. 1 636 274	920 046	269 272	446 956	1 626 715	897 618	266 535	462 562	5	6	2	7							
		1999.. 1 675 443	939 360	275 754	460 328	1 666 831	914 157	273 298	479 376	5	6	2	6							
		1998.. 1 744 860	965 287	278 455	501 119	1 717 487	904 127	304 702	508 658	2	2	3	3							
		1997.. 1 717 650	878 447	316 199	523 004	1 676 961	857 036	325 592	494 333	X	X	X	X							
3161	Leather & hide tanning & finishing .....	2000.. 375 208	140 224	150 802	84 182	357 933	130 648	141 967	85 318	5	5	2	18							
		1999.. 348 003	129 472	143 257	75 274	367 748	135 515	153 046	79 187	2	5	2	1							
		1998.. 366 955	136 423	149 060	81 472	369 811	124 306	162 040	83 465	4	9	3	7							
		1997.. 390 223	128 150	169 238	92 835	409 247	132 610	175 691	100 946	X	X	X	X							
31611	Leather & hide tanning & finishing .....	2000.. 375 208	140 224	150 802	84 182	357 933	130 648	141 967	85 318	5	5	2	18							
		1999.. 348 003	129 472	143 257	75 274	367 748	135 515	153 046	79 187	2	5	2	1							
		1998.. 366 955	136 423	149 060	81 472	369 811	124 306	162 040	83 465	4	9	3	7							
		1997.. 390 223	128 150	169 238	92 835	409 247	132 610	175 691	100 946	X	X	X	X							
316110	Leather & hide tanning & finishing .....	2000.. 375 208	140 224	150 802	84 182	357 933	130 648	141 967	85 318	5	5	2	18							
		1999.. 348 003	129 472	143 257	75 274	367 748	135 515	153 046	79 187	2	5	2	1							
		1998.. 366 955	136 423	149 060	81 472	369 811	124 306	162 040	83 465	4	9	3	7							
		1997.. 390 223	128 150	169 238	92 835	409 247	132 610	175 691	100 946	X	X	X	X							
3162	Footwear mfg .....	2000.. 791 064	540 226	58 046	192 792	808 459	545 300	62 701	200 457	11	11	8	12							
		1999.. 845 858	566 192	69 786	209 879	785 847	501 489	68 195	216 163	10	10	7	12							
		1998.. 801 627	517 012	67 121	217 494	837 467	529 589	77 827	230 051	4	4	8	7							
		1997.. 818 616	500 945	82 129	235 542	782 364	473 584	82 408	226 372	X	X	X	X							
31621	Footwear mfg .....	2000.. 791 064	540 226	58 046	192 792	808 459	545 300	62 701	200 457	11	11	8	12							
		1999.. 845 858	566 192	69 786	209 879	785 847	501 489	68 195	216 163	10	10	7	12							
		1998.. 801 627	517 012	67 121	217 494	837 467	529 589	77 827	230 051	4	4	8	7							
		1997.. 818 616	500 945	82 129	235 542	782 364	473 584	82 408	226 372	X	X	X	X							
316211	Rubber & plastics footwear mfg .....	2000.. 214 563	171 608	15 210	27 745	205 413	158 801	17 843	28 769	11	8	19	24							
		1999.. 215 102	167 129	18 158	29 815	168 845	120 197	17 058	31 591	11	8	15	23							
		1998.. 217 992	151 334	20 118	46 540	214 979	150 126	21 072	43 781	2	1	2	9							
		1997.. 177 316	112 667	20 938	43 711	162 484	105 831	18 996	37 657	X	X	X	X							
316212	House slipper mfg .....	2000.. 46 807	27 519	1 386	17 902	49 098	27 380	1 586	20 132	1	1	1	1							
		1999.. 45 703	26 527	1 338	17 838	51 671	27 178	2 414	22 079	1	1	1	1							
		1998.. 55 345	25 548	3 160	26 637	58 806	32 683	3 445	22 679	1	2	3	1							
		1997.. 65 207	36 525	6 164	22 518	55 172	27 913	5 538	21 721	X	X	X	X							
316213	Men's footwear (except athletic) mfg .....	2000.. 443 306	293 105	28 320	121 880	471 128	316 839	29 185	125 104	18	19	9	19							
		1999.. 476 926	319 526	30 272	127 128	462 320	301 960	31 902	128 458	17	16	8	19							
		1998.. 432 312	293 719	27 693	110 900	436 922	284 843	31 514	120 565	4	3	12	8							
		1997.. 451 677	291 596	33 032	127 049	425 138	269 717	34 601	120 820	X	X	X	X							
316214	Women's footwear (except athletic) mfg .....	2000.. 60 584	34 384	9 757	16 443	58 793	30 650	10 251	17 892	18	13	30	23							
		1999.. 73 537	33 761	15 262	24 514	66 189	32 151	11 483	22 556	14	12	19	15							
		1998.. 47 949	22 075	9 130	16 745	85 207	38 930	16 779	29 498	60	71	41	60							
		1997.. 84 796	38 738	16 933	29 125	94 204	44 278	18 392	31 534	X	X	X	X							
316219	Other footwear mfg .....	2000.. 25 805	13 609	3 374	8 822	24 028	11 631	3 837	8 560	15	23	8	11							
		1999.. 34 590	19 249	4 757	10 584	36 822	20 004	5 339	11 479	8	8	9	10							
		1998.. 48 028	24 337	7 019	16 672	41 553	23 008	5 017	13 529	11	5	27	15							
		1997.. 39 620	21 419	5 062	13 139	45 366	25 845	4 881	14 640	X	X	X	X							
3169	Other leather & allied product mfg .....	2000.. 470 002	239 596	60 423	169 982	460 323	221 670	61 867	176 787	2	3	3	4							
		1999.. 481 582	243 696	62 711	175 175	513 236	277 153	52 056	184 027	2	1	3	3							
		1998.. 576 279	311 852	62 275	202 153	510 209	250 232	64 835	195 142	1	1	3	2							
		1997.. 508 811	249 352	64 832	194 627	485 350	250 842	67 493	167 015	X	X	X	X							
31699	Other leather & allied product mfg .....	2000.. 470 002	239 596	60 423	169 982	460 323	221 670	61 867	176 787	2	3	3	4							
		1999.. 481 582	243 696	62 711	175 175	513 236	277 153	52 056	184 027	2	1	3	3							
		1998.. 576 279	311 852	62 275	202 153	510 209	250 232	64 835	195 142	1	1	3	2							
		1997.. 508 811	249 352	64 832	194 627	485 350	250 842	67 493	167 015	X	X	X	X							
316991	Luggage mfg .....	2000.. 200 794	114 980	12 560	73 255	197 060	114 431	13 450	69 178	3	5	9	8							
		1999.. 220 315	138 920	13 581	67 814	232 278	147 895	13 516	70 866	3	2	9	6							
		1998.. 253 868	157 559	17 614	78 695	214 746	111 589	21 393	81 764	1	1	2	1							
		1997.. 211 261	111 652	19 941	79 668	207 263	104 360	25 985	76 918	X	X	X	X							
316992	Women's handbag & purse mfg .....	2000.. 39 370	21 177	5 603	12 5															

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
316	Leather & allied product mfg—Con.												
3169	Other leather & allied product mfg—Con.												
31699	Other leather & allied product mfg—Con.												
316999	All other leather good mfg ..	2000.. 167 302	65 701	37 769	63 833	146 752	57 178	36 084	53 490	5	9	3	4
		1999.. 146 996	54 164	36 903	55 928	163 454	80 953	25 608	56 893	3	3	3	3
		1998.. 180 020	96 371	27 226	56 423	161 897	80 868	26 782	54 246	1	4	7	6
		1997.. 160 878	80 324	25 981	54 573	152 934	82 438	27 033	43 463	X	X	X	X
321	Wood product mfg .....	2000.. 10 295 153	4 056 097	2 066 699	4 172 358	10 272 488	3 780 635	2 129 612	4 362 241	1	2	3	2
		1999.. 10 288 494	3 816 246	2 075 060	4 397 188	9 684 563	3 568 491	1 963 682	4 152 390	1	2	2	1
		1998.. 9 407 080	3 434 621	1 915 170	4 057 289	9 465 480	3 451 777	1 917 779	4 095 924	1	2	2	2
		1997.. 9 441 249	3 448 730	1 910 005	4 082 514	8 822 850	3 222 245	1 814 025	3 786 580	X	X	X	X
3211	Sawmills & wood preservation ..	2000.. 3 877 670	1 784 060	913 748	1 179 862	3 796 462	1 623 134	902 659	1 270 669	2	2	4	5
		1999.. 3 819 493	1 653 694	877 341	1 288 458	3 674 388	1 576 902	849 579	1 247 907	2	2	3	4
		1998.. 3 548 062	1 552 397	843 515	1 152 151	3 729 709	1 594 638	891 108	1 243 963	3	4	5	4
		1997.. 3 719 714	1 600 313	874 310	1 245 091	3 443 319	1 482 817	814 055	1 146 447	X	X	X	X
32111	Sawmills & wood preservation .....	2000.. 3 877 670	1 784 060	913 748	1 179 862	3 796 462	1 623 134	902 659	1 270 669	2	2	4	5
		1999.. 3 819 493	1 653 694	877 341	1 288 458	3 674 388	1 576 902	849 579	1 247 907	2	2	3	4
		1998.. 3 548 062	1 552 397	843 515	1 152 151	3 729 709	1 594 638	891 108	1 243 963	3	4	5	4
		1997.. 3 719 714	1 600 313	874 310	1 245 091	3 443 319	1 482 817	814 055	1 146 447	X	X	X	X
321113	Sawmills .....	2000.. 3 227 692	1 323 645	797 544	1 106 502	3 159 896	1 184 230	777 048	1 198 618	3	3	4	5
		1999.. 3 155 267	1 198 453	751 481	1 205 333	3 036 374	1 169 392	706 609	1 160 372	2	2	3	4
		1998.. 2 943 212	1 147 567	696 611	1 099 035	3 119 643	1 191 968	757 352	1 170 322	3	5	5	4
		1997.. 3 109 215	1 195 244	741 481	1 172 490	2 894 784	1 125 803	694 839	1 074 142	X	X	X	X
321114	Wood preservation .....	2000.. 649 978	460 415	116 204	73 359	636 566	438 904	125 611	72 051	5	6	9	11
		1999.. 664 226	455 240	125 860	83 125	638 014	407 509	142 970	87 535	5	5	7	10
		1998.. 604 850	404 830	146 905	53 116	610 067	402 669	133 756	73 641	6	6	17	29
		1997.. 610 499	405 069	132 829	72 601	548 535	357 014	119 216	72 305	X	X	X	X
3212	Veneer, plywood, & engineered wood product mfg .....	2000.. 1 890 326	719 999	237 655	932 671	1 857 140	673 631	243 850	939 659	2	3	10	2
		1999.. 1 843 568	649 491	242 828	951 249	1 733 401	605 209	216 067	912 125	2	4	9	2
		1998.. 1 702 099	610 163	189 854	902 082	1 703 949	627 991	167 392	908 566	2	1	4	3
		1997.. 1 721 182	627 708	183 693	909 781	1 583 769	568 289	175 990	839 490	X	X	X	X
32121	Veneer, plywood, & engineered wood product mfg .....	2000.. 1 890 326	719 999	237 655	932 671	1 857 140	673 631	243 850	939 659	2	3	10	2
		1999.. 1 843 568	649 491	242 828	951 249	1 733 401	605 209	216 067	912 125	2	4	9	2
		1998.. 1 702 099	610 163	189 854	902 082	1 703 949	627 991	167 392	908 566	2	1	4	3
		1997.. 1 721 182	627 708	183 693	909 781	1 583 769	568 289	175 990	839 490	X	X	X	X
321211	Hardwood veneer & plywood mfg .....	2000.. 509 929	233 013	69 008	207 909	461 139	210 383	63 426	187 330	3	4	13	5
		1999.. 443 264	187 176	63 313	192 775	439 681	192 651	57 539	189 992	3	3	12	5
		1998.. 415 270	180 396	51 453	183 421	423 284	163 090	43 522	216 672	7	2	12	17
		1997.. 424 786	163 108	44 209	217 469	394 217	158 413	37 277	198 527	X	X	X	X
321212	Softwood veneer & plywood mfg .....	2000.. 417 413	123 986	90 995	202 431	418 154	106 037	101 360	210 757	5	1	25	2
		1999.. 410 003	101 596	101 001	207 406	367 877	85 950	87 518	194 409	5	2	20	2
		1998.. 362 307	81 597	72 276	208 434	383 828	118 323	62 213	203 292	2	7	4	2
		1997.. 405 576	123 879	78 084	203 613	385 158	116 275	79 817	189 066	X	X	X	X
321213	Engineered wood member (except truss) mfg .....	2000.. 155 803	77 371	22 859	55 573	181 193	95 141	21 748	64 305	8	25	9	17
		1999.. 181 926	96 961	20 141	64 824	149 774	74 571	15 944	59 259	5	21	7	20
		1998.. 154 374	92 232	14 073	48 069	158 194	88 096	14 338	55 760	1	1	8	1
		1997.. 158 227	88 111	14 341	55 775	124 192	71 515	11 166	41 511	X	X	X	X
321214	Truss mfg .....	2000.. 327 865	89 769	21 352	216 745	333 872	91 210	25 089	217 573	3	6	10	4
		1999.. 341 618	90 629	25 602	225 387	309 512	84 626	25 087	199 798	4	6	22	5
		1998.. 303 108	85 648	19 405	198 055	283 500	79 943	16 515	187 293	3	7	8	3
		1997.. 276 197	74 516	16 093	185 588	255 489	68 720	15 258	171 511	X	X	X	X
321219	Reconstituted wood product mfg .....	2000.. 479 315	195 861	33 441	250 013	462 782	170 860	32 227	259 695	2	2	4	2
		1999.. 466 758	173 129	32 772	260 857	466 556	167 410	29 980	269 165	2	2	3	2
		1998.. 467 040	170 290	32 646	264 103	454 893	178 539	30 804	245 549	1	1	2	1
		1997.. 456 396	178 094	30 966	247 336	424 713	153 366	32 472	238 875	X	X	X	X
3219	Other wood product mfg .....	2000.. 4 527 158	1 552 038	915 295	2 059 825	4 618 885	1 483 869	983 104	2 151 913	2	4	3	2
		1999.. 4 625 433	1 513 062	954 891	2 157 480	4 276 774	1 386 381	898 035	1 992 358	2	3	4	2
		1998.. 4 156 919	1 272 062	881 801	2 003 056	4 031 822	1 229 149	859 279	1 943 395	1	2	2	1
		1997.. 4 000 353	1 220 709	852 002	1 927 642	3 795 762	1 171 139	823 980	1 800 643	X	X	X	X
32191	Millwork .....	2000.. 2 685 428	871 532	611 447	1 202 449	2 665 373	799 624	635 195	1 230 554	2	6	3	3
		1999.. 2 644 167	820 294	603 255	1 220 618	2 505 197	772 223	593 768	1 139 206	2	5	3	2
		1998.. 2 479 805	746 840	598 154	1 134 810	2 486 360	750 320	598 980	1 137 061	1	3	2	2
		1997.. 2 451 993	741 041	592 722	1 118 230	2 323 679	708 210	571 020	1 044 449	X	X	X	X
321911	Wood window & door mfg ..	2000.. 1 104 939	322 860	206 904	575 176	1 147 020	297 173	234 595	615 251	4	12	4	4
		1999.. 1 083 709	295 028	205 032	583 649	1 013 816	258 774	213 117	541 925	3	11	4	4
		1998.. 1 022 781	230 809	241 986	549 987	1 022 792	221 471	241 318	560 004	1	3	2	1
		1997.. 1 008 225	219 029	238 065	551 131	995 380	221 290	250 771	523 319	X	X	X	X
321912	Cut stock, resawing lumber, & planing .....	2000.. 838 596	323 167	222 019	293 410	818 195	299 160	216 186	302 849	4	7	7	6
		1999.. 823 684	310 054	207 750	305 880	769 927	290 572	200 640	278 715	3	6	6	4
		1998.. 802 210	328 147	190 492	283 571	824 296	347 168	183 971	293 156	3	6	5	4
		1997.. 818 187	342 467	182 078	293 642	768 544	329 991	168 424	270 129	X	X	X	X
321918	Other millwork (including flooring) .....	2000.. 741 892	225 505	182 525	333 863	700 158	203 291	184 413	312 454	4	7	4	6
		1999.. 736 775	215 213	190 474	331 088	721 454	222 878	180 011	318 566	3	5	4	5
		1998.. 654 813	187 885	165 677	301 252	639 273	181 681	173 691	283 901	2	2	2	3
		1997.. 625 581	179 545	172 579	273 457	559 755	156 929	151 825	251 001	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
321	Wood product mfg—Con.																			
3219	Other wood product mfg—Con.																			
32192	Wood container & pallet mfg . . . . .	2000.. 467 361	169 975	71 034	226 352	468 515	163 479	77 593	227 443	5	10	9	4							
		1999.. 478 666	164 044	78 143	236 479	428 582	146 459	73 038	209 085	5	12	8	4							
		1998.. 387 437	109 011	60 046	218 380	357 002	91 326	61 704	203 972	2	5	2	1							
		1997.. 357 877	92 038	61 437	204 402	332 410	88 060	59 612	184 738	X	X	X	X							
321920	Wood container & pallet mfg . . . . .	2000.. 467 361	169 975	71 034	226 352	468 515	163 479	77 593	227 443	5	10	9	4							
		1999.. 478 666	164 044	78 143	236 479	428 582	146 459	73 038	209 085	5	12	8	4							
		1998.. 387 437	109 011	60 046	218 380	357 002	91 326	61 704	203 972	2	5	2	1							
		1997.. 357 877	92 038	61 437	204 402	332 410	88 060	59 612	184 738	X	X	X	X							
32199	All other wood product mfg . . . . .	2000.. 1 374 369	510 531	232 813	631 025	1 484 997	520 765	270 316	693 916	3	5	8	3							
		1999.. 1 502 600	528 723	273 493	700 384	1 342 996	467 698	231 229	644 068	4	5	11	2							
		1998.. 1 289 677	416 210	223 601	649 866	1 188 460	387 503	198 595	602 362	1	1	5	1							
		1997.. 1 190 483	387 630	197 843	605 010	1 139 673	374 869	193 348	571 456	X	X	X	X							
321991	Manufactured home (mobile home) mfg . . . . .	2000.. 379 317	101 929	57 170	220 218	482 155	140 450	68 676	273 029	5	15	3	2							
		1999.. 487 864	143 523	69 294	275 047	433 680	103 394	66 721	263 565	5	14	3	2							
		1998.. 411 380	76 759	66 840	267 782	370 091	60 558	58 854	250 679	1	3	2	1							
		1997.. 369 809	61 150	58 750	249 909	353 238	60 927	53 288	239 023	X	X	X	X							
321992	Prefabricated wood building mfg . . . . .	2000.. 307 439	87 169	48 677	171 594	305 746	77 974	51 544	176 228	4	6	7	4							
		1999.. 316 722	80 585	53 115	183 022	283 597	72 973	45 045	165 580	3	6	7	3							
		1998.. 291 623	72 091	40 945	178 587	261 974	67 110	36 839	158 025	3	4	5	4							
		1997.. 262 136	66 889	36 544	158 703	263 351	68 004	36 774	158 573	X	X	X	X							
321999	All other miscellaneous wood product mfg . . . . .	2000.. 687 613	321 434	126 966	239 213	697 097	302 341	150 096	244 660	5	5	14	6							
		1999.. 698 013	304 615	151 084	242 315	625 719	291 332	119 463	214 923	7	6	20	5							
		1998.. 586 673	267 361	115 816	203 497	556 395	259 835	102 902	193 658	2	2	9	3							
		1997.. 558 538	259 591	102 549	196 398	523 084	245 938	103 286	173 860	X	X	X	X							
322	Paper mfg . . . . .	2000.. 15 311 769	6 476 488	1 358 293	7 476 988	14 984 068	6 203 557	1 360 887	7 419 625	1	1	1	1							
		1999.. 15 033 034	6 253 876	1 364 320	7 414 838	14 688 914	6 344 938	1 327 392	7 016 583	1	1	1	1							
		1998.. 15 345 406	6 559 318	1 389 878	7 396 210	15 040 034	6 228 824	1 433 717	7 377 493	1	1	1	2							
		1997.. 15 041 523	6 222 299	1 463 712	7 355 512	14 892 766	6 034 467	1 457 681	7 400 618	X	X	X	X							
3221	Pulp, paper, & paperboard mills . . . . .	2000.. 6 888 721	2 974 179	496 259	3 418 284	6 730 182	2 796 236	506 265	3 427 682	1	1	1	1							
		1999.. 6 671 567	2 762 953	508 302	3 400 312	6 778 451	2 948 681	503 647	3 326 124	1	1	1	1							
		1998.. 7 051 210	3 058 908	558 084	3 434 218	6 817 096	2 832 873	572 649	3 411 574	1	1	3	1							
		1997.. 6 850 669	2 828 538	606 623	3 415 508	6 981 686	2 802 532	607 302	3 571 852	X	X	X	X							
32211	Pulp mills . . . . .	2000.. 404 036	186 871	26 715	190 450	362 518	163 251	121 154	178 113	1	1	1	2							
		1999.. 361 830	163 389	21 266	177 175	389 400	197 084	22 615	169 701	1	1	2	1							
		1998.. 407 286	204 784	23 457	179 044	392 449	204 532	21 588	166 330	2	2	2	2							
		1997.. 394 275	205 504	21 599	167 172	472 894	243 223	45 737	183 934	X	X	X	X							
322110	Pulp mills . . . . .	2000.. 404 036	186 871	26 715	190 450	362 518	163 251	121 154	178 113	1	1	1	2							
		1999.. 361 830	163 389	21 266	177 175	389 400	197 084	22 615	169 701	1	1	2	1							
		1998.. 407 286	204 784	23 457	179 044	392 449	204 532	21 588	166 330	2	2	2	2							
		1997.. 394 275	205 504	21 599	167 172	472 894	243 223	45 737	183 934	X	X	X	X							
32212	Paper mills . . . . .	2000.. 4 973 708	2 274 706	413 105	2 285 898	4 892 811	2 181 576	435 703	2 275 533	1	1	1	1							
		1999.. 4 853 532	2 152 695	437 668	2 263 169	4 892 830	2 260 386	435 725	2 196 719	1	1	1	1							
		1998.. 5 101 286	2 345 501	489 532	2 266 253	4 890 109	2 132 824	498 769	2 258 516	1	1	3	1							
		1997.. 4 930 751	2 129 399	533 085	2 268 267	4 952 255	2 115 380	486 320	2 350 555	X	X	X	X							
322121	Paper (except newsprint) mills . . . . .	2000.. 4 680 093	2 220 047	409 754	2 050 292	4 588 812	2 119 680	431 962	2 037 170	1	1	1	1							
		1999.. 4 549 200	2 090 670	433 912	2 024 618	4 586 047	2 192 246	428 619	1 965 181	1	1	1	1							
		1998.. 4 746 728	2 271 797	482 357	1 992 574	4 534 292	2 050 918	489 653	1 993 721	1	1	3	1							
		1997.. 4 571 287	2 047 490	522 415	2 001 382	4 553 876	2 014 891	477 603	2 061 382	X	X	X	X							
322122	Newsprint mills . . . . .	2000.. 293 615	54 659	3 350	235 606	303 999	61 896	3 741	238 362	1	2	24	2							
		1999.. 304 332	62 025	3 756	238 551	306 783	68 141	7 105	231 537	2	1	22	2							
		1998.. 354 558	73 704	7 175	273 679	355 817	81 905	9 116	264 795	2	4	8	2							
		1997.. 359 464	81 909	10 670	266 885	398 379	100 489	8 717	289 173	X	X	X	X							
32213	Paperboard mills . . . . .	2000.. 1 510 977	512 601	56 439	941 937	1 474 854	451 409	49 409	974 037	1	1	1	1							
		1999.. 1 456 205	446 869	49 368	959 967	1 496 221	491 211	45 307	959 704	1	1	1	1							
		1998.. 1 542 638	508 622	45 095	988 921	1 534 538	495 518	52 292	986 728	1	1	1	1							
		1997.. 1 525 643	493 635	51 939	980 069	1 556 537	443 929	75 245	1 037 363	X	X	X	X							
322130	Paperboard mills . . . . .	2000.. 1 510 977	512 601	56 439	941 937	1 474 854	451 409	49 409	974 037	1	1	1	1							
		1999.. 1 456 205	446 869	49 368	959 967	1 496 221	491 211	45 307	959 704	1	1	1	1							
		1998.. 1 542 638	508 622	45 095	988 921	1 534 538	495 518	52 292	986 728	1	1	1	1							
		1997.. 1 525 643	493 635	51 939	980 069	1 556 537	443 929	75 245	1 037 363	X	X	X	X							
3222	Converted paper product mfg . . . . .	2000.. 8 423 048	3 502 310	862 035	4 058 704	8 253 886	3 407 321	854 622	3 991 943	1	1	2	1							
		1999.. 8 361 467	3 490 923	856 018	4 014 526	7 910 462	3 396 258	823 745	3 690 460	1	1	2	1							
		1998.. 8 294 196	3 500 410	831 794	3 961 992	8 222 938	3 395 950	861 069	3 965 920	2	2									



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
322	Paper mfg—Con.												
3222	Converted paper product mfg—Con.												
32221	Paperboard container mfg—Con.												
322214	Fiber can, tube, drum, & similar products mfg . . . . .	2000.. 191 158	49 679	8 350	133 129	187 203	48 260	7 925	131 018	8	8	19	9
		1999.. 187 099	47 912	8 113	131 074	171 446	42 209	7 479	121 758	4	5	20	5
		1998.. 175 754	44 104	11 307	120 343	175 141	42 270	9 837	123 034	4	11	18	3
		1997.. 176 401	42 078	10 159	124 164	180 618	43 751	8 985	127 882	X	X	X	X
322215	Nonfolding sanitary food container mfg . . . . .	2000.. 456 395	226 123	30 970	199 302	434 213	231 965	30 257	171 991	7	14	2	2
		1999.. 479 275	270 727	31 931	176 616	487 770	276 216	30 672	180 882	8	13	2	2
		1998.. 420 891	210 504	27 767	182 620	436 662	217 278	27 173	192 211	2	3	1	2
		1997.. 438 240	217 444	27 197	193 599	410 366	203 339	25 145	181 882	X	X	X	X
32222	Paper bag & coated & treated paper mfg . . . . .	2000.. 2 064 830	857 027	357 021	850 782	2 162 125	880 456	363 568	918 101	1	2	2	2
		1999.. 2 170 412	888 490	363 586	918 336	2 154 483	873 461	361 934	919 087	1	1	2	2
		1998.. 2 225 159	891 664	371 036	962 459	2 258 497	874 485	382 732	1 001 279	1	1	1	2
		1997.. 2 250 124	871 145	385 061	993 918	2 185 130	854 475	363 482	967 173	X	X	X	X
322221	Coated & laminated packaging paper & plastics film mfg . . . . .	2000.. 208 831	86 020	28 958	93 853	212 352	85 592	30 750	96 011	4	2	4	8
		1999.. 206 145	83 355	29 661	93 129	204 262	84 793	28 720	91 314	3	2	9	3
		1998.. 171 911	82 144	20 836	68 932	187 802	83 526	22 457	81 819	9	4	15	21
		1997.. 188 442	83 535	22 372	82 535	175 013	78 595	20 472	75 946	X	X	X	X
322222	Coated & laminated paper mfg . . . . .	2000.. 1 158 308	493 237	246 783	418 287	1 193 616	499 184	254 479	439 952	2	3	2	2
		1999.. 1 203 580	506 361	253 058	444 162	1 236 416	503 885	257 832	474 699	2	2	2	2
		1998.. 1 294 723	513 433	267 497	513 793	1 282 806	493 849	270 103	518 854	1	1	1	1
		1997.. 1 284 652	492 856	274 268	517 528	1 253 733	499 646	258 404	495 683	X	X	X	X
322223	Plastics, foil, & coated paper bag mfg . . . . .	2000.. 46 841	18 844	4 080	23 917	53 077	23 698	4 169	25 210	2	3	18	3
		1999.. 52 098	22 953	4 309	24 837	53 301	23 651	3 010	26 640	2	3	17	3
		1998.. 61 134	26 117	4 871	30 147	63 130	29 061	6 566	27 503	2	2	15	3
		1997.. 63 058	28 879	6 852	27 327	62 888	28 140	6 181	28 567	X	X	X	X
322224	Uncoated paper & multiwall bag mfg . . . . .	2000.. 385 458	150 452	37 965	197 041	411 045	151 941	31 465	227 639	2	3	6	4
		1999.. 414 225	154 702	33 095	226 428	382 398	140 986	30 539	210 874	2	2	8	4
		1998.. 397 744	149 419	31 366	216 959	421 946	146 690	34 762	240 494	1	1	1	1
		1997.. 415 233	144 422	34 654	236 157	401 445	139 048	31 589	230 808	X	X	X	X
322225	Laminated aluminum foil mfg for flexible packaging uses . . . . .	2000.. 188 723	79 422	34 194	75 107	206 966	88 625	36 331	82 011	1	2	2	2
		1999.. 209 184	89 655	37 081	82 448	201 146	84 802	36 558	79 786	1	1	2	2
		1998.. 218 662	87 238	38 606	92 818	222 075	91 247	39 431	91 397	2	1	1	4
		1997.. 217 605	91 204	37 315	89 086	209 036	78 726	37 677	92 633	X	X	X	X
322226	Surface-coated paperboard mfg . . . . .	2000.. 76 670	29 052	5 042	42 577	85 069	31 417	6 374	47 278	2	2	3	3
		1999.. 85 180	31 465	6 382	47 333	76 396	35 345	5 276	35 776	2	2	2	2
		1998.. 80 985	33 313	7 861	39 811	80 738	30 113	9 413	41 212	3	4	1	3
		1997.. 81 134	30 249	9 600	41 285	83 015	30 320	9 159	43 536	X	X	X	X
32223	Stationery product mfg . . . . .	2000.. 998 370	591 671	60 919	345 780	978 284	574 255	67 186	336 843	1	2	6	3
		1999.. 988 518	583 836	66 154	338 527	974 920	590 863	68 360	315 697	1	2	6	2
		1998.. 952 305	550 984	65 157	336 163	999 929	563 446	73 896	362 587	1	1	4	3
		1997.. 995 268	570 422	71 512	353 334	818 531	428 360	81 084	309 087	X	X	X	X
322231	Die-cut paper & paperboard office supplies mfg . . . . .	2000.. 225 981	120 051	17 101	88 828	232 124	120 197	21 090	90 838	4	3	18	8
		1999.. 243 236	132 132	20 343	90 761	228 906	125 369	24 884	78 652	3	2	16	8
		1998.. 234 953	123 284	22 346	89 323	244 550	134 142	23 262	87 146	2	1	7	6
		1997.. 241 005	136 337	23 088	81 580	187 819	93 316	28 187	66 316	X	X	X	X
322232	Envelope mfg . . . . .	2000.. 366 687	197 585	25 534	143 568	362 686	204 039	26 620	132 027	2	2	5	2
		1999.. 360 330	201 000	26 182	133 147	349 679	194 759	25 289	129 631	1	2	4	3
		1998.. 353 447	182 913	26 119	144 416	376 088	184 764	29 745	161 580	2	2	7	4
		1997.. 374 132	187 059	27 925	159 148	357 526	167 644	33 187	156 695	X	X	X	X
322233	Stationery, tablet, & related product mfg . . . . .	2000.. 405 702	274 035	18 283	113 384	383 475	250 020	19 477	113 978	1	3	6	6
		1999.. 384 952	250 704	19 629	114 619	396 335	270 735	18 187	107 413	2	4	5	2
		1998.. 363 904	244 787	16 693	102 424	379 290	244 540	20 889	113 861	2	2	8	6
		1997.. 380 131	247 026	20 499	112 606	273 186	167 400	19 710	86 076	X	X	X	X
32229	Other converted paper product mfg . . . . .	2000.. 918 016	406 484	76 038	435 494	882 621	394 239	63 777	424 605	5	7	13	5
		1999.. 888 685	401 510	64 429	422 746	860 019	404 268	64 926	390 825	5	7	16	4
		1998.. 942 359	471 397	60 838	410 124	927 651	471 690	56 683	399 277	6	10	5	9
		1997.. 915 535	465 475	52 962	397 098	930 704	498 205	56 344	376 155	X	X	X	X
322291	Sanitary paper product mfg . . . . .	2000.. 382 164	190 897	17 323	173 943	420 004	198 101	13 696	208 207	9	10	11	8
		1999.. 418 757	200 782	13 741	204 234	402 517	216 145	16 401	169 971	8	9	14	8
		1998.. 525 278	288 585	21 173	215 520	494 872	261 173	18 517	215 182	2	3	5	1
		1997.. 483 062	249 581	17 628	215 853	508 611	272 743	19 749	216 119	X	X	X	X
322299	All other converted paper product mfg . . . . .	2000.. 535 853	215 587	58 715	261 551	462 617	196 138	50 081	216 398	6	9	16	6
		1999.. 469 928	200 728	50 688	218 512	457 501	188 123	48 525	220 853	5	10	20	4
		1998.. 417 081	182 812	39 665	194 604	432 779	210 518	38 166	184 095	13	26	8	18
		1997.. 432 473	215 894	35 334	181 245	422 093	225 462	36 595	160 036	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—				
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D	
		A	B	C	D	E	F	G	H	A	B	C	D	
323	Printing & related support activities .....	2000..	6 420 884	1 661 988	1 771 937	2 986 959	6 335 189	1 585 771	1 806 431	2 942 987	2	3	3	3
		1999..	6 393 740	1 609 867	1 811 359	2 972 515	6 212 421	1 591 307	1 766 630	2 854 484	2	3	3	3
		1998..	6 625 327	1 624 583	1 866 721	3 134 024	6 642 088	1 590 265	1 852 925	3 198 899	1	2	1	1
		1997..	6 621 144	1 542 988	1 860 779	3 217 377	6 396 004	1 486 219	1 790 092	3 119 693	X	X	X	X
3231	Printing & related support activities .....	2000..	6 420 884	1 661 988	1 771 937	2 986 959	6 335 189	1 585 771	1 806 431	2 942 987	2	3	3	3
		1999..	6 393 740	1 609 867	1 811 359	2 972 515	6 212 421	1 591 307	1 766 630	2 854 484	2	3	3	3
		1998..	6 625 327	1 624 583	1 866 721	3 134 024	6 642 088	1 590 265	1 852 925	3 198 899	1	2	1	1
		1997..	6 621 144	1 542 988	1 860 779	3 217 377	6 396 004	1 486 219	1 790 092	3 119 693	X	X	X	X
32311	Printing .....	2000..	6 085 126	1 597 463	1 613 655	2 874 008	5 998 656	1 522 635	1 646 375	2 829 647	2	3	3	3
		1999..	6 048 907	1 544 919	1 648 313	2 855 674	5 876 753	1 522 972	1 618 241	2 735 540	2	3	3	3
		1998..	6 260 467	1 550 067	1 699 912	3 010 488	6 285 633	1 517 612	1 693 441	3 074 581	1	3	1	1
		1997..	6 254 827	1 470 399	1 693 841	3 090 587	6 022 268	1 408 458	1 624 751	2 989 059	X	X	X	X
323110	Commercial lithographic printing .....	2000..	2 946 910	499 239	913 892	1 533 779	2 880 728	465 963	923 064	1 491 701	5	10	5	6
		1999..	2 909 653	472 681	936 322	1 500 651	2 815 182	470 211	928 371	1 416 601	5	11	5	6
		1998..	2 997 253	427 413	974 444	1 595 396	3 045 280	446 127	972 368	1 626 785	1	4	2	1
		1997..	3 041 671	413 116	987 254	1 641 301	2 884 609	375 922	928 333	1 580 354	X	X	X	X
323111	Commercial gravure printing .....	2000..	284 047	67 256	95 727	121 064	302 057	61 324	108 419	132 314	3	6	3	4
		1999..	304 093	60 235	110 397	133 461	301 235	59 847	111 965	129 423	2	5	2	2
		1998..	328 428	62 953	117 344	148 131	285 384	52 594	108 442	124 347	7	11	2	9
		1997..	287 978	55 382	108 752	123 844	290 583	46 413	115 252	128 918	X	X	X	X
323112	Commercial flexographic printing .....	2000..	423 254	157 527	83 603	182 124	417 529	146 328	83 671	187 530	3	5	4	4
		1999..	429 531	150 850	86 576	192 105	402 347	136 804	85 531	180 012	3	5	4	4
		1998..	394 499	125 363	84 361	184 775	378 862	114 805	80 816	183 242	2	3	2	2
		1997..	384 894	116 714	80 859	187 321	354 342	114 925	60 617	178 800	X	X	X	X
323113	Commercial screen printing .....	2000..	595 493	211 719	105 649	278 125	609 581	225 320	120 638	263 624	3	5	4	4
		1999..	585 150	230 108	95 789	259 253	602 580	239 446	93 503	269 631	3	4	5	4
		1998..	660 185	257 295	102 501	300 389	652 907	258 167	99 655	295 084	2	2	4	4
		1997..	665 918	264 227	102 397	299 294	640 152	271 501	104 617	264 034	X	X	X	X
323114	Quick printing .....	2000..	205 946	39 353	48 327	118 266	186 768	35 129	45 853	105 785	8	24	8	8
		1999..	199 812	36 313	50 365	113 134	179 959	37 182	43 424	99 354	6	24	5	6
		1998..	219 175	50 057	54 036	115 082	224 490	44 213	58 159	122 119	2	5	3	2
		1997..	210 543	43 451	54 726	112 366	211 217	37 038	58 759	115 420	X	X	X	X
323115	Digital printing .....	2000..	25 175	5 929	4 864	14 382	23 364	5 598	4 595	13 171	9	33	11	5
		1999..	22 458	5 332	4 393	12 733	21 364	5 264	4 232	11 868	9	36	10	5
		1998..	26 868	5 629	6 262	14 977	24 091	5 158	5 945	12 988	2	2	2	3
		1997..	22 380	4 674	5 454	12 252	22 829	4 578	6 091	12 160	X	X	X	X
323116	Manifold business form printing .....	2000..	674 560	354 648	72 063	247 850	659 403	326 544	77 224	255 635	2	3	6	4
		1999..	676 544	331 297	79 969	265 278	684 720	338 417	85 121	261 182	2	3	5	4
		1998..	690 816	337 669	84 896	268 252	779 303	379 257	95 841	304 205	3	6	4	4
		1997..	754 307	361 383	84 192	308 732	704 098	358 232	84 637	297 229	X	X	X	X
323117	Book printing .....	2000..	393 561	30 436	183 882	179 243	389 134	31 905	178 785	178 444	4	9	3	6
		1999..	392 786	31 921	180 841	170 023	367 611	32 473	166 642	168 496	3	7	3	4
		1998..	378 334	32 405	167 543	178 386	385 213	32 924	165 676	186 613	1	2	2	2
		1997..	387 371	33 841	162 744	190 786	386 515	30 027	165 820	190 668	X	X	X	X
323118	Blankbook, looseleaf binder, & device mfg. ....	2000..	273 093	143 572	46 167	83 353	277 346	144 746	44 450	88 150	3	3	6	3
		1999..	282 740	148 292	45 697	88 751	272 356	131 528	46 938	93 890	2	3	3	2
		1998..	281 980	151 848	45 793	84 339	248 309	104 045	44 793	99 471	8	16	3	4
		1997..	246 838	104 662	43 793	98 383	237 982	103 123	38 932	95 927	X	X	X	X
323119	Other commercial printing ..	2000..	263 086	87 784	59 481	115 821	252 745	79 777	59 675	113 293	5	8	9	5
		1999..	246 141	77 891	57 965	110 285	229 399	71 801	52 515	105 083	4	7	9	5
		1998..	282 930	99 435	62 733	120 762	261 793	80 322	61 745	119 726	5	14	4	2
		1997..	252 927	72 949	63 670	116 308	253 941	66 699	61 693	125 549	X	X	X	X
32312	Support activities for printing ..	2000..	335 758	64 525	158 282	112 951	336 533	63 136	160 057	113 340	3	8	4	6
		1999..	344 833	64 947	163 045	116 840	335 668	68 335	148 388	118 944	3	8	3	6
		1998..	364 860	74 516	166 808	123 535	356 455	72 653	159 484	124 317	3	10	4	3
		1997..	366 317	72 589	166 938	126 790	373 736	77 761	165 341	130 634	X	X	X	X
323121	Tradebinding & related work .....	2000..	154 237	53 526	39 501	61 210	150 409	51 532	39 471	59 406	6	9	10	11
		1999..	153 562	52 318	40 141	61 102	151 798	55 453	35 533	60 812	6	10	7	11
		1998..	155 722	57 027	38 252	60 443	158 871	56 581	40 147	62 143	3	3	4	4
		1997..	161 641	56 476	40 290	64 875	164 947	57 288	41 440	66 219	X	X	X	X
323122	Prepress services .....	2000..	181 521	10 999	118 782	51 741	186 124	11 604	120 585	53 934	4	9	4	6
		1999..	191 271	12 629	122 904	55 738	183 869	12 882	112 855	58 132	3	8	3	6
		1998..	209 137	17 489	128 556	63 092	197 584	16 073	119 337	62 174	5	39	5	5
		1997..	204 676	16 113	126 648	61 915	208 789	20 473	123 901	64 415	X	X	X	X
324	Petroleum & coal products mfg. ...	2000..	12 802 522	6 156 014	3 281 820	3 364 688	11 378 657	4 980 691	2 838 694	3 559 273	1	1	2	3
		1999..	11 374 248	4 962 682	2 844 612	3 566 954	9 101 581	4 156 195	2 228 745	2 716 640	2	1	2	4
		1998..	9 194 929	4 164 926	2 267 407	2 762 596	11 940 951	5 458 963	2 997 721	3 484 267	1	1	1	1
		1997..	11 492 679	5 152 940	2 848 099	3 491 640	12 009 719	5 604 457	2 668 928	3 736 334	X	X	X	X
3241	Petroleum & coal products mfg. ....	2000..	12 802 522	6 156 014	3 281 820	3 364 688	11 378 657	4 980 691	2 838 694	3 559 273	1	1	2	3
		1999..	11 374 248	4 962 682	2 844 612	3 566 954	9 101 581	4 156 195	2 228 745	2 716 640	2	1	2	4
		1998..	9 194 929	4 164 926	2 267 407	2 762 596	11 940 951	5 458 963	2 997 721	3 484 267	1	1	1	1
		1997..	11 492 679	5 152 940	2 848 099	3 491 640	12 009 719	5 604 457	2 668 928	3 736 334	X	X	X	X
32411	Petroleum refineries .....	2000..	11 447 495	5 435 420	3 205 320	2 806 755	10 034 996	4 277 031	2 763 913	2 994 052	1	1	2	3
		1999..	10 006 505	4 250 714	2 769 199	2 986 592	7 802 152	3 505 547	2 162 082	2 134 523	2	1	2	5
		1998..	7 846 209	3 516 327	2 157 379	2 172 503	10 422 796	4 734 366	2 872 921					

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		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
324	Petroleum & coal products mfg—Con.												
3241	Petroleum & coal products mfg—Con.												
32412	Asphalt paving, roofing, & saturated materials mfg . . . . .	2000.. 669 245	391 291	13 706	264 247	667 372	388 604	16 485	262 283	4	5	84	4
		1999.. 677 718	390 651	19 872	267 195	628 751	356 755	16 669	255 327	3	3	59	4
		1998.. 649 215	331 457	47 384	270 374	570 512	366 288	58 413	315 810	3	2	2	7
		1997.. 711 810	359 507	43 930	308 373	710 417	370 422	38 095	301 900	X	X	X	X
324121	Asphalt paving mixture & block mfg . . . . .	2000.. 335 524	164 150	7 969	163 405	294 907	133 438	6 727	154 742	7	12	A	7
		1999.. 306 136	137 569	9 730	158 837	273 109	121 361	7 342	144 405	5	9	A	6
		1998.. 287 751	99 071	39 137	149 543	346 974	109 807	49 630	187 537	7	4	2	13
		1997.. 331 162	110 089	37 027	184 046	320 689	131 262	31 787	157 640	X	X	X	X
324122	Asphalt shingle & coating materials mfg . . . . .	2000.. 333 720	227 141	5 737	100 842	372 465	255 166	9 758	107 541	3	3	12	5
		1999.. 371 582	253 082	10 142	108 358	355 642	235 394	9 327	110 921	2	2	13	4
		1998.. 361 464	232 386	8 247	120 831	393 537	256 481	8 783	128 273	2	2	6	1
		1997.. 380 648	249 418	6 903	124 327	389 728	239 160	6 308	144 260	X	X	X	X
32419	Other petroleum & coal products mfg . . . . .	2000.. 685 782	329 303	62 794	293 685	676 289	315 056	58 295	302 998	3	2	2	6
		1999.. 690 025	321 317	55 541	313 167	670 678	293 894	49 994	326 790	3	2	2	6
		1998.. 699 505	317 142	62 644	319 718	777 644	358 310	66 387	352 947	2	2	3	2
		1997.. 765 443	345 747	68 336	351 360	786 872	373 686	73 598	339 588	X	X	X	X
324191	Petroleum lubricating oil & grease mfg . . . . .	2000.. 481 944	262 431	45 514	173 999	484 806	267 847	39 695	177 264	3	2	3	5
		1999.. 506 963	276 062	41 273	189 628	460 797	244 497	38 058	178 243	2	2	3	3
		1998.. 520 441	264 165	45 335	210 942	575 883	300 283	50 468	225 132	2	2	2	2
		1997.. 560 838	285 795	52 250	222 793	572 672	313 002	52 990	206 680	X	X	X	X
324199	All other petroleum & coal products mfg . . . . .	2000.. 203 838	66 871	17 281	119 687	191 482	47 209	18 600	125 674	8	5	1	12
		1999.. 183 062	45 255	14 268	123 539	209 880	49 396	11 937	148 547	10	3	2	14
		1998.. 179 064	52 978	17 309	108 777	201 761	58 027	15 919	127 815	3	5	11	5
		1997.. 204 605	59 952	16 086	128 567	214 200	60 684	20 608	132 908	X	X	X	X
325	Chemical mfg . . . . .	2000.. 50 484 787	25 288 138	8 896 218	16 300 431	46 965 592	22 883 035	8 291 064	15 791 493	1	1	1	1
		1999.. 47 806 082	23 198 886	8 644 650	15 962 546	44 943 264	21 683 615	7 913 595	15 346 053	1	1	1	1
		1998.. 46 773 576	22 514 779	8 016 915	16 241 882	45 479 125	22 077 144	7 972 360	15 429 621	1	1	1	1
		1997.. 44 691 476	21 722 967	7 765 327	15 203 182	42 704 411	20 930 459	7 290 211	14 483 741	X	X	X	X
3251	Basic chemical mfg . . . . .	2000.. 11 741 997	6 814 449	1 154 146	3 773 403	10 892 851	5 968 119	1 177 113	3 747 619	1	1	2	1
		1999.. 10 840 812	5 939 396	1 164 643	3 736 773	10 755 850	6 014 018	1 098 335	3 643 497	1	1	2	1
		1998.. 10 890 160	6 099 152	1 080 025	3 710 982	11 243 735	6 139 593	1 323 124	3 781 017	1	1	1	2
		1997.. 11 063 060	6 080 056	1 312 650	3 670 354	10 898 310	6 075 500	1 305 272	3 517 538	X	X	X	X
32511	Petrochemical mfg . . . . .	2000.. 1 118 139	641 568	97 806	378 764	869 314	417 848	86 337	365 128	1	1	1	1
		1999.. 885 190	424 882	86 589	373 718	1 110 144	659 365	99 243	351 536	1	2	1	1
		1998.. 944 292	479 097	73 002	392 194	1 046 531	490 593	91 827	464 111	1	1	1	1
		1997.. 1 131 043	598 132	92 143	440 768	1 044 687	529 575	76 882	438 230	X	X	X	X
325110	Petrochemical mfg . . . . .	2000.. 1 118 139	641 568	97 806	378 764	869 314	417 848	86 337	365 128	1	1	1	1
		1999.. 885 190	424 882	86 589	373 718	1 110 144	659 365	99 243	351 536	1	2	1	1
		1998.. 944 292	479 097	73 002	392 194	1 046 531	490 593	91 827	464 111	1	1	1	1
		1997.. 1 131 043	598 132	92 143	440 768	1 044 687	529 575	76 882	438 230	X	X	X	X
32512	Industrial gas mfg . . . . .	2000.. 342 693	197 852	54 845	89 995	298 472	168 162	49 406	80 904	3	1	17	1
		1999.. 327 845	185 622	50 288	91 935	334 956	185 642	48 284	101 031	3	2	20	2
		1998.. 328 149	189 290	34 366	104 494	295 050	171 199	30 947	92 904	2	3	1	1
		1997.. 298 995	174 318	30 534	94 143	308 832	182 471	34 757	91 604	X	X	X	X
325120	Industrial gas mfg . . . . .	2000.. 342 693	197 852	54 845	89 995	298 472	168 162	49 406	80 904	3	1	17	1
		1999.. 327 845	185 622	50 288	91 935	334 956	185 642	48 284	101 031	3	2	20	2
		1998.. 328 149	189 290	34 366	104 494	295 050	171 199	30 947	92 904	2	3	1	1
		1997.. 298 995	174 318	30 534	94 143	308 832	182 471	34 757	91 604	X	X	X	X
32513	Dye & pigment mfg . . . . .	2000.. 1 271 830	657 977	133 647	480 206	1 267 874	613 627	131 370	522 877	4	4	3	4
		1999.. 1 197 888	595 944	126 353	475 591	1 144 774	557 084	112 017	475 672	3	3	5	4
		1998.. 1 092 290	532 974	111 759	447 557	1 028 607	506 178	121 660	400 769	1	1	3	1
		1997.. 1 010 051	482 773	120 557	406 721	1 092 489	511 905	129 674	450 910	X	X	X	X
325131	Inorganic dye & pigment mfg . . . . .	2000.. 700 706	301 516	56 546	342 644	693 231	297 698	51 283	344 250	6	7	5	5
		1999.. 670 072	288 308	49 235	332 530	629 561	253 909	50 574	325 078	6	7	5	6
		1998.. 596 945	243 505	47 937	305 503	560 539	254 921	51 717	253 901	1	1	1	1
		1997.. 540 213	234 404	48 114	257 695	573 604	245 066	41 760	286 778	X	X	X	X
325132	Synthetic organic dye & pigment mfg . . . . .	2000.. 571 124	356 460	77 102	137 562	574 643	315 929	80 087	178 626	4	5	2	6
		1999.. 527 816	307 636	77 118	143 061	515 213	303 176	61 444	150 594	3	2	7	4
		1998.. 495 345	289 469	63 822	142 054	468 068	251 257	69 943	146 868	2	2	5	1
		1997.. 469 838	248 369	72 443	149 026	518 885	266 839	87 914	164 132	X	X	X	X
32518	Other basic inorganic chemical mfg . . . . .	2000.. 1 866 313	919 754	222 842	723 717	2 045 760	975 027	347 666	723 066	2	3	5	2
		1999.. 2 021 238	919 636	352 271	749 332	1 942 630	940 012	278 493	724 126	2	3	3	1
		1998.. 2 128 677	1 132 817	245 917	749 943	2 048 878	1 087 138	226 671	735 069	2	4	2	3
		1997.. 1 892 208	919 966	222 248	749 994	1 885 403	933 090	241 833	710 480	X	X	X	X
325181	Alkalies & chlorine mfg . . . . .	2000.. 217 070	107 668	5 235	104 167	197 180	90 602	6 813	99 765	1	1	1	1
		1999.. 198 555	91 323	6 841	100 391	239 217	133 770	2 003	103 445	1	1	1	1
		1998.. 227 820	132 351	2 259	93 210	240 728	145 517	1 562	93 649	1	1	1	1
		1997.. 240 152	144 957	1 564	93 631	215 749	123 443	1 715	90 591	X	X	X	X
325182	Carbon black mfg . . . . .	2000.. 112 215	59 770	13	52 432	107 060	52 497	224	54 339	2	2	1	3
		1999.. 107 060	52 497	224	54 339	89 044	54 087	—	34 957	3	4	1	3
		1998.. 91 347	54 134	—	37 213	87 816	55 745	—	32 071	4	1	X	7
		1997.. 87 816	55 745	—	32 071	83 376	52 877	440	30 059	X	X	X	X
325188	All other basic inorganic chemical mfg . . . . .	2000.. 1 537 028	752 316	217 594	567 118	1 741 519	831 928	340 629	568 962	2	4	5	3
		1999.. 1 715 623	775 815	345 206	594 601	1 614 369	752 155	276 490	585 724	2	3		

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
325	Chemical mfg—Con.												
3251	Basic chemical mfg—Con.												
32519	Other basic organic chemical mfg .....	2000.. 7 143 023	4 397 298	645 006	2 100 719	6 411 432	3 793 455	562 333	2 055 644	1	2	3	2
		1999.. 6 408 650	3 813 313	549 141	2 046 196	6 223 346	3 671 915	560 298	1 991 132	2	2	2	2
		1998.. 6 396 752	3 764 975	614 982	2 016 795	6 824 668	3 884 485	852 019	2 088 164	1	1	1	3
		1997.. 6 730 763	3 904 867	847 168	1 978 728	6 566 899	3 918 459	822 126	1 826 314	X	X	X	X
325191	Gum & wood chemical mfg .....	2000.. 160 587	95 578	15 832	49 178	132 848	77 326	15 612	39 910	1	1	1	3
		1999.. 138 918	80 871	15 531	42 516	166 289	97 661	22 421	46 207	1	1	1	1
		1998.. 156 390	89 539	21 723	45 127	161 512	81 162	28 285	52 065	1	2	1	1
		1997.. 155 422	84 789	22 996	47 637	146 788	85 915	18 627	42 246	X	X	X	X
325192	Cyclic crude & intermediate mfg .....	2000.. 809 794	557 213	26 475	226 107	651 346	396 391	21 976	232 979	7	7	23	8
		1999.. 639 550	385 221	24 616	229 714	572 404	349 774	30 184	192 445	2	4	16	3
		1998.. 531 794	326 527	34 715	170 552	616 602	385 486	54 346	176 770	1	1	1	1
		1997.. 617 181	379 985	53 998	183 198	636 136	383 979	50 704	201 453	X	X	X	X
325193	Ethyl alcohol mfg .....	2000.. 84 956	52 483	3 532	28 940	89 030	53 402	3 479	32 149	4	4	16	7
		1999.. 88 950	52 205	3 733	33 012	85 972	53 736	3 274	28 962	8	7	14	14
		1998.. 63 464	40 871	2 321	20 272	76 187	46 424	4 518	25 245	22	18	68	24
		1997.. 74 630	44 879	4 482	25 269	77 709	45 817	4 882	27 010	X	X	X	X
325199	All other basic organic chemical mfg .....	2000.. 6 087 686	3 692 024	599 167	1 796 955	5 538 207	3 266 335	521 266	1 750 606	1	2	3	2
		1999.. 5 541 232	3 295 016	505 261	1 740 955	5 398 681	3 170 745	504 419	1 233 517	2	2	2	2
		1998.. 5 645 104	3 308 037	556 223	1 780 844	5 970 367	3 371 413	764 870	1 834 084	1	1	1	3
		1997.. 5 883 530	3 395 214	765 692	1 722 624	5 706 266	3 402 748	747 913	1 555 625	X	X	X	X
3252	Resin, syn rubber, & artificial & syn fibers & filaments mfg .....	2000.. 7 518 846	4 868 216	760 090	1 890 529	6 701 228	4 192 306	697 496	1 811 426	2	2	3	3
		1999.. 6 748 872	4 209 518	716 369	1 822 986	6 163 130	3 812 495	742 464	1 608 170	2	2	3	5
		1998.. 6 618 929	4 109 383	732 446	1 777 100	6 761 402	4 161 587	771 889	1 827 925	1	1	1	1
		1997.. 6 700 946	4 112 074	755 163	1 833 709	6 388 594	3 915 120	715 951	1 757 523	X	X	X	X
32521	Resin & synthetic rubber mfg .....	2000.. 6 225 839	4 134 001	557 095	1 534 743	5 549 369	3 572 883	503 251	1 473 235	2	2	4	3
		1999.. 5 479 363	3 526 104	489 706	1 463 552	4 738 443	3 009 866	483 723	1 244 854	3	2	4	6
		1998.. 5 126 011	3 284 638	464 638	1 376 734	5 280 293	3 381 382	518 618	1 380 292	1	1	1	1
		1997.. 5 218 629	3 331 521	502 430	1 384 678	4 978 634	3 177 048	491 556	1 310 030	X	X	X	X
325211	Plastics material & resin mfg .....	2000.. 5 326 310	3 543 084	450 532	1 332 694	4 734 669	3 040 267	389 295	1 305 107	2	2	2	4
		1999.. 4 655 835	2 987 771	376 326	1 291 738	3 922 954	2 493 140	383 956	1 045 858	3	2	2	6
		1998.. 4 361 828	2 799 046	393 515	1 169 267	4 489 963	2 852 729	447 117	1 190 116	1	1	1	1
		1997.. 4 370 715	2 773 047	427 447	1 170 221	4 146 587	2 642 232	407 487	1 096 868	X	X	X	X
325212	Synthetic rubber mfg .....	2000.. 899 528	590 916	106 563	202 049	814 700	532 616	113 956	168 128	3	2	16	1
		1999.. 823 528	538 333	113 380	171 814	815 489	516 726	99 768	198 996	4	3	18	3
		1998.. 764 183	485 592	71 123	207 467	790 330	528 653	71 501	190 176	1	1	1	1
		1997.. 847 914	558 474	74 983	214 457	832 047	534 816	84 069	213 162	X	X	X	X
32522	Artificial & synthetic fibers & filaments mfg .....	2000.. 1 293 007	734 216	202 995	355 796	1 151 859	619 423	194 245	338 191	2	2	1	3
		1999.. 1 269 510	683 414	226 663	359 433	1 424 687	802 629	258 741	363 316	2	2	1	3
		1998.. 1 492 918	824 744	267 808	400 366	1 481 109	780 205	253 271	447 633	1	1	2	1
		1997.. 1 482 317	780 553	252 733	449 031	1 409 960	738 072	224 395	447 493	X	X	X	X
325221	Cellulosic organic fiber mfg .....	2000.. 60 710	25 068	4 422	31 220	55 763	24 563	3 194	28 006	1	1	1	1
		1999.. 77 685	32 204	8 939	36 542	125 936	69 458	9 869	46 609	1	1	1	1
		1998.. 123 378	69 521	9 888	43 969	134 339	63 997	16 469	53 873	1	1	1	1
		1997.. 138 502	66 674	16 571	55 257	135 582	61 028	16 458	60 096	X	X	X	X
325222	Noncellulosic organic fiber mfg .....	2000.. 1 232 297	709 148	198 573	324 576	1 096 096	594 860	191 051	310 185	2	2	1	4
		1999.. 1 191 824	651 209	217 724	322 891	1 298 751	733 171	248 872	316 707	2	2	1	4
		1998.. 1 369 540	755 223	257 920	356 397	1 346 770	716 208	236 802	393 760	1	1	2	1
		1997.. 1 343 815	713 879	236 162	393 774	1 274 378	677 044	209 937	387 397	X	X	X	X
3253	Pesticide, fertilizer, & other agricultural chemical mfg .....	2000.. 2 863 829	1 336 966	468 610	1 058 253	2 661 678	1 115 540	464 171	1 081 968	2	5	4	2
		1999.. 2 808 977	1 228 562	491 687	1 088 728	2 622 154	1 124 143	449 460	1 048 551	2	5	4	2
		1998.. 2 676 197	1 146 483	461 932	1 067 782	2 708 649	1 253 696	399 348	1 055 605	1	2	1	1
		1997.. 2 711 472	1 263 085	396 616	1 051 771	2 452 589	1 144 030	314 188	994 371	X	X	X	X
32531	Fertilizer mfg .....	2000.. 1 432 435	669 539	164 852	598 044	1 385 062	617 736	150 040	617 287	3	5	10	2
		1999.. 1 385 560	612 283	175 273	598 003	1 368 784	608 755	159 724	600 305	2	5	10	2
		1998.. 1 393 571	647 717	132 022	613 832	1 429 802	719 267	126 863	583 672	1	4	1	2
		1997.. 1 403 469	704 516	127 512	571 441	1 307 971	642 297	106 010	559 664	X	X	X	X
325311	Nitrogenous fertilizer mfg .....	2000.. 369 328	183 351	3 676	182 301	371 158	179 519	2 613	189 025	7	15	19	4
		1999.. 367 779	176 314	2 608	188 857	368 133	163 247	4 017	200 869	7	15	28	6
		1998.. 394 683	182 331	5 166	207 185	417 736	210 112	6 920	200 704	1	7	1	4
		1997.. 388 875	189 162	6 659	193 054	349 521	164 686	5 881	178 954	X	X	X	X
325312	Phosphatic fertilizer mfg .....	2000.. 520 602	178 030	114 631	227 941	522 478	177 046	99 730	245 702	3	8	1	1
		1999.. 517 063	170 075	101 301	245 687	504 605	170 473	94 355	239 776	1	3	1	1
		1998.. 451 226	135 259	81 372	234 594	492 672	192 565	76 385	223 722	3	16	2	3
		1997.. 513 266	207 864	76 333	229 069	458 285	177 111	68 062	213 112	X	X	X	X
325314	Fertilizer (mixing only) mfg .....	2000.. 542 505	308 158	46 545	187 802	491 427	261 172	47 696	182 559	5	4	35	6
		1999.. 500 718	265 894	71 365	163 459	496 046	275 035	61 351	159 660	4	3	24	5
		1998.. 547 663	330 127	45 483	172 053	519 394	316 590	43 558	159 246	2	2	1	5
		1997.. 501 328	307 490	44 520	149 318	500 165	300 500	32 067	167 598	X	X	X	X
32532	Pesticide & other agricultural chemical mfg .....	2000.. 1 431 394	667 428	303 757	460 209	1 276 616	497 803	314 131	464 681	4	9	2	3
		1999.. 1 423 418	616 279	316 414	490 725	1 253 370	515 388	289 736	448 246	4	9	2	2
		1998.. 1 282 625	498 766	329 910	453 949	1 278 847	534 429	272 485	471 933	1	2	1	1
		1997.. 1 308 003	558 569	269 104	480 330	1 144 618	501 733	208 178	434 707	X	X	X	X
325320	Pesticide & other agricultural chemical mfg .....	2000.. 1 431 394	667 428	303 757	460 209	1 276 616	497 803	314 131	464 681	4	9		

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[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
325	Chemical mfg—Con.												
3254	Pharmaceutical & medicine mfg .....	2000.. 16 342 968	6 186 687	5 178 952	4 977 329	14 812 868	5 678 691	4 537 885	4 596 291	1	2	1	3
		1999.. 15 328 713	5 837 803	4 819 174	4 671 736	13 820 429	4 997 328	4 155 412	4 667 688	1	2	1	3
		1998.. 13 830 135	4 844 514	4 309 180	4 676 442	12 745 824	4 640 838	4 046 037	4 058 948	1	2	1	3
		1997.. 12 280 701	4 509 334	3 865 024	3 906 343	11 282 573	4 150 558	3 432 310	3 699 705	X	X	X	X
32541	Pharmaceutical & medicine mfg .....	2000.. 16 342 968	6 186 687	5 178 952	4 977 329	14 812 868	5 678 691	4 537 885	4 596 291	1	2	1	3
		1999.. 15 328 713	5 837 803	4 819 174	4 671 736	13 820 429	4 997 328	4 155 412	4 667 688	1	2	1	3
		1998.. 13 830 135	4 844 514	4 309 180	4 676 442	12 745 824	4 640 838	4 046 037	4 058 948	1	2	1	3
		1997.. 12 280 701	4 509 334	3 865 024	3 906 343	11 282 573	4 150 558	3 432 310	3 699 705	X	X	X	X
325411	Medicinal & botanical mfg ..	2000.. 1 890 630	757 032	618 274	515 325	1 845 512	783 934	568 512	493 066	3	2	8	3
		1999.. 1 779 095	758 232	574 782	446 080	1 618 171	628 228	261 104	728 839	3	2	8	3
		1998.. 2 177 294	677 248	568 894	931 152	1 905 883	631 962	688 958	644 963	2	1	1	3
		1997.. 1 878 773	624 640	613 198	640 935	1 812 321	619 964	620 332	572 025	X	X	X	X
325412	Pharmaceutical preparation mfg .....	2000.. 10 810 225	4 038 025	3 139 828	3 632 372	9 931 054	3 795 154	2 759 475	3 376 425	2	3	1	4
		1999.. 10 495 890	3 997 445	3 021 247	3 477 198	9 538 505	3 464 558	2 814 133	3 259 815	1	3	1	4
		1998.. 8 872 518	3 213 319	2 612 497	3 046 703	7 970 245	2 993 135	2 312 623	2 664 871	1	3	1	4
		1997.. 7 675 658	2 867 875	2 233 779	2 574 004	6 918 204	2 628 443	1 862 998	2 426 763	X	X	X	X
325413	In-vitro diagnostic substance mfg .....	2000.. 1 717 279	766 282	446 038	504 959	1 439 729	585 783	389 996	463 951	2	2	2	2
		1999.. 1 441 354	580 972	392 795	467 588	1 245 643	467 590	361 811	416 242	2	3	2	2
		1998.. 1 272 264	478 246	384 787	409 230	1 463 802	587 888	415 777	460 137	3	4	2	4
		1997.. 1 403 327	552 995	409 769	440 563	1 394 982	555 056	400 429	439 497	X	X	X	X
325414	Biological product (except diagnostic) mfg .....	2000.. 1 924 834	625 348	974 813	324 672	1 596 572	513 820	819 903	262 850	2	4	2	3
		1999.. 1 612 374	501 154	830 350	280 870	1 418 109	436 952	718 364	262 793	3	4	3	3
		1998.. 1 508 059	475 700	743 002	289 357	1 405 894	427 854	688 679	289 361	2	4	1	1
		1997.. 1 322 943	463 824	608 278	250 841	1 157 066	347 095	548 551	261 420	X	X	X	X
3255	Paint, coating, & adhesive mfg ..	2000.. 2 879 769	1 597 128	161 529	1 121 112	2 867 939	1 547 578	167 209	1 153 151	2	2	6	3
		1999.. 2 872 496	1 548 462	169 363	1 154 672	2 837 515	1 574 407	149 944	1 113 164	2	2	6	2
		1998.. 2 864 271	1 550 683	157 474	1 156 114	2 844 410	1 558 249	152 620	1 133 541	2	4	4	1
		1997.. 2 833 183	1 517 461	155 983	1 159 739	2 673 973	1 459 363	166 227	1 048 383	X	X	X	X
32551	Paint & coating mfg .....	2000.. 2 152 996	1 232 956	109 180	810 860	2 170 926	1 208 536	109 099	853 292	2	2	5	3
		1999.. 2 190 345	1 217 427	110 503	862 415	2 175 711	1 258 802	95 370	821 539	2	1	4	3
		1998.. 2 161 097	1 206 229	99 395	855 473	2 145 493	1 223 919	92 224	829 350	3	5	6	2
		1997.. 2 151 729	1 201 943	95 165	854 621	2 018 336	1 150 802	108 064	759 470	X	X	X	X
325510	Paint & coating mfg .....	2000.. 2 152 996	1 232 956	109 180	810 860	2 170 926	1 208 536	109 099	853 292	2	2	5	3
		1999.. 2 190 345	1 217 427	110 503	862 415	2 175 711	1 258 802	95 370	821 539	2	1	4	3
		1998.. 2 161 097	1 206 229	99 395	855 473	2 145 493	1 223 919	92 224	829 350	3	5	6	2
		1997.. 2 151 729	1 201 943	95 165	854 621	2 018 336	1 150 802	108 064	759 470	X	X	X	X
32552	Adhesive mfg .....	2000.. 726 773	364 172	52 349	310 252	697 013	339 043	58 110	299 859	5	6	14	6
		1999.. 682 151	331 034	58 860	292 256	661 804	315 604	54 574	291 625	4	6	14	5
		1998.. 703 174	344 454	58 078	300 641	698 917	334 330	60 396	304 192	1	1	3	2
		1997.. 681 454	315 518	60 818	305 118	655 637	308 561	58 163	288 913	X	X	X	X
325520	Adhesive mfg .....	2000.. 726 773	364 172	52 349	310 252	697 013	339 043	58 110	299 859	5	6	14	6
		1999.. 682 151	331 034	58 860	292 256	661 804	315 604	54 574	291 625	4	6	14	5
		1998.. 703 174	344 454	58 078	300 641	698 917	334 330	60 396	304 192	1	1	3	2
		1997.. 681 454	315 518	60 818	305 118	655 637	308 561	58 163	288 913	X	X	X	X
3256	Soap, cleaning compound, & toilet preparation mfg .....	2000.. 5 038 525	2 734 264	364 062	1 940 198	4 815 883	2 602 452	332 432	1 880 999	4	4	5	6
		1999.. 4 916 314	2 631 250	362 741	1 922 324	4 549 445	2 374 095	353 912	1 821 437	3	3	5	5
		1998.. 5 432 623	2 810 187	346 119	2 276 318	4 803 196	2 509 293	334 442	1 986 462	5	5	1	7
		1997.. 4 814 861	2 472 290	340 694	2 001 877	4 643 315	2 350 373	367 953	1 924 989	X	X	X	X
32561	Soap & cleaning compound mfg .....	2000.. 2 185 123	1 301 118	154 065	729 940	2 018 195	1 187 222	119 061	711 912	2	2	9	2
		1999.. 2 094 566	1 196 716	151 932	745 918	1 894 654	1 052 283	138 486	703 885	2	3	9	3
		1998.. 2 302 751	1 263 273	153 298	886 180	2 269 373	1 264 402	158 603	846 368	1	1	2	1
		1997.. 2 316 648	1 275 531	162 580	878 537	2 278 248	1 235 755	191 234	851 259	X	X	X	X
325611	Soap & other detergent mfg .....	2000.. 1 033 737	541 474	105 029	387 234	925 477	476 937	78 482	370 058	2	2	3	2
		1999.. 943 260	480 185	79 646	383 428	834 489	411 769	68 960	353 760	3	3	2	3
		1998.. 1 136 572	594 458	68 307	473 808	1 204 243	652 633	76 151	475 459	1	2	3	1
		1997.. 1 236 285	677 133	77 245	481 907	1 176 829	619 540	92 044	465 245	X	X	X	X
325612	Polish & other sanitation good mfg .....	2000.. 607 617	365 457	31 591	210 569	598 071	367 695	26 075	204 300	6	6	18	6
		1999.. 605 941	363 605	27 655	214 681	605 188	363 441	29 111	212 637	5	6	16	6
		1998.. 673 196	379 326	29 622	264 249	549 977	302 106	31 452	216 418	2	2	9	2
		1997.. 554 751	286 623	32 184	235 944	574 136	308 950	39 440	225 746	X	X	X	X
325613	Surface active agent mfg ..	2000.. 543 770	394 188	17 445	132 137	494 647	342 589	14 504	137 554	4	4	73	4
		1999.. 545 366	352 926	44 631	147 809	454 977	277 074	40 415	137 488	4	4	28	4
		1998.. 492 982	289 489	55 369	148 124	515 153	309 663	51 000	154 490	1	2	1	2
		1997.. 525 612	311 775	53 151	160 686	527 283	307 265	59 750	160 268	X	X	X	X
32562	Toilet preparation mfg .....	2000.. 2 853 402	1 433 146	209 997	1 210 259	2 797 688	1 415 230	213 371	1 169 087	7	7	5	9
		1999.. 2 821 748	1 434 534	210 808	1 176 406	2 654 791	1 321 812	215 427	1 117 552	6	5	6	8
		1998.. 3 129 873	1 546 913	192 822	1 390 137	2 560 823	1 244 890	175 839	1 140 094	9	8	2	12
		1997.. 2 498 213	1 196 759	178 114	1 123 340	2 365 067	1 114 618	176 719	1 073 730	X	X	X	X
325620	Toilet preparation mfg .....	2000.. 2 853 402	1 433 146	209 997	1 210 259	2 797 688	1 415 230	213 371	1 169 087	7	7	5	9
		1999.. 2 821 748	1 434 534	210 808	1 176 406	2 654 791	1 321 812	215 427	1 117 552	6	5	6	8
		1998.. 3 129 873	1 546 913	192 822	1 390 137	2 560 823	1 244 890	175 839	1 140 094	9	8	2	12
		1997.. 2 498 213	1 196 759	178 114	1 123 340	2 365 067	1 114 618	176 719	1 073 730	X			

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
325	Chemical mfg—Con.												
3259	Other chemical product mfg . . . . .	2000.. 4 098 853	1 750 428	808 829	1 539 597	4 213 145	1 778 348	914 758	1 520 039	2	2	2	2
	1999..	4 289 898	1 803 896	920 674	1 565 328	4 194 742	1 787 129	964 068	1 443 545	1	2	2	2
	1998..	4 461 260	1 954 378	929 738	1 577 144	4 344 909	1 813 887	944 900	1 586 122	1	2	1	1
	1997..	4 287 253	1 768 667	939 197	1 579 389	4 365 057	1 835 515	988 310	1 541 232	X	X	X	X
32591	Printing ink mfg . . . . .	2000.. 489 318	254 239	39 590	195 489	505 276	268 533	38 368	198 376	11	7	17	15
	1999..	510 726	270 658	39 182	200 886	492 516	261 969	40 026	190 521	7	6	10	9
	1998..	544 427	315 850	40 773	187 804	470 754	259 888	35 962	174 903	5	9	2	5
	1997..	439 398	249 457	35 915	154 026	442 084	236 101	18 140	187 843	X	X	X	X
325910	Printing ink mfg . . . . .	2000.. 489 318	254 239	39 590	195 489	505 276	268 533	38 368	198 376	11	7	17	15
	1999..	510 726	270 658	39 182	200 886	492 516	261 969	40 026	190 521	7	6	10	9
	1998..	544 427	315 850	40 773	187 804	470 754	259 888	35 962	174 903	5	9	2	5
	1997..	439 398	249 457	35 915	154 026	442 084	236 101	18 140	187 843	X	X	X	X
32592	Explosives mfg . . . . .	2000.. 152 009	49 360	45 986	56 662	140 769	43 119	43 342	54 309	3	6	4	5
	1999..	148 965	47 406	43 172	58 387	147 223	48 197	40 954	58 072	3	6	2	4
	1998..	152 405	45 779	42 265	64 361	157 226	46 132	47 577	63 516	4	15	3	1
	1997..	164 460	46 718	51 925	65 817	163 679	51 232	55 490	56 957	X	X	X	X
325920	Explosives mfg . . . . .	2000.. 152 009	49 360	45 986	56 662	140 769	43 119	43 342	54 309	3	6	4	5
	1999..	148 965	47 406	43 172	58 387	147 223	48 197	40 954	58 072	3	6	2	4
	1998..	152 405	45 779	42 265	64 361	157 226	46 132	47 577	63 516	4	15	3	1
	1997..	164 460	46 718	51 925	65 817	163 679	51 232	55 490	56 957	X	X	X	X
32599	All other chemical product & preparation mfg . . . . .	2000.. 3 457 526	1 446 829	723 252	1 287 445	3 567 100	1 466 696	833 049	1 267 355	2	2	2	2
	1999..	3 630 207	1 485 833	838 319	1 306 055	3 555 004	1 476 963	883 088	1 194 953	1	2	3	2
	1998..	3 764 428	1 592 748	846 701	1 324 979	3 716 930	1 507 867	861 361	1 347 702	1	1	1	1
	1997..	3 683 395	1 472 492	851 357	1 359 546	3 759 294	1 548 182	914 680	1 296 432	X	X	X	X
325991	Custom compounding of purchased resin . . . . .	2000.. 792 992	387 716	37 021	368 254	791 242	382 387	35 065	373 791	2	2	16	3
	1999..	788 946	381 461	35 131	372 354	759 408	382 048	27 302	350 058	2	3	12	3
	1998..	819 885	417 748	29 859	372 278	776 157	380 833	34 315	361 009	1	1	3	1
	1997..	788 266	377 275	37 020	373 971	756 631	376 693	33 599	346 339	X	X	X	X
325992	Photographic film, paper, plate, & chemical mfg . . . . .	2000.. 1 142 096	277 743	462 116	402 237	1 243 974	301 460	556 589	385 925	1	1	1	2
	1999..	1 306 604	316 084	567 333	423 187	1 376 840	353 712	632 786	390 341	1	1	1	1
	1998..	1 411 990	367 001	626 787	418 202	1 467 034	366 216	657 542	443 276	1	1	1	1
	1997..	1 477 178	354 729	655 137	467 312	1 621 129	475 895	706 946	438 288	X	X	X	X
325998	All other miscellaneous chemical product & preparation mfg . . . . .	2000.. 1 522 439	781 369	224 115	516 955	1 531 883	782 849	241 395	507 640	3	4	7	4
	1999..	1 534 656	788 288	235 855	510 514	1 418 756	741 203	223 000	454 553	3	3	9	5
	1998..	1 532 553	807 998	190 054	534 500	1 473 739	760 817	169 504	543 418	1	1	2	2
	1997..	1 417 951	740 488	159 200	518 263	1 381 534	695 594	174 135	511 805	X	X	X	X
326	Plastics & rubber products mfg . . . . .	2000.. 17 891 493	8 623 027	2 242 718	7 025 748	16 984 153	7 906 765	2 200 986	6 876 402	1	1	2	1
	1999..	17 019 647	7 898 861	2 268 162	6 852 623	15 999 601	7 443 450	2 221 654	6 334 497	1	1	1	1
	1998..	15 931 775	7 368 888	2 241 480	6 821 406	15 892 315	7 203 004	2 226 221	6 463 090	1	1	1	1
	1997..	15 979 716	7 260 449	2 190 362	6 328 905	15 574 510	7 159 313	2 109 296	6 305 901	X	X	X	X
3261	Plastics product mfg . . . . .	2000.. 14 677 757	7 111 543	1 793 737	5 772 477	13 832 011	6 443 183	1 715 301	5 673 527	1	1	2	1
	1999..	13 855 581	6 410 879	1 797 648	5 647 053	12 974 208	6 016 827	1 753 154	5 204 227	1	1	2	1
	1998..	12 850 977	5 949 185	1 734 797	5 166 994	12 869 220	5 793 768	1 720 168	5 355 283	1	1	1	1
	1997..	12 932 635	5 830 680	1 681 445	5 420 510	12 488 792	5 683 623	1 588 363	5 216 806	X	X	X	X
32611	Unsupported plastics film, sheet, & bag mfg . . . . .	2000.. 2 881 691	1 378 424	359 310	1 143 957	2 904 942	1 351 038	385 171	1 168 733	1	2	3	2
	1999..	2 929 074	1 337 409	420 872	1 170 793	2 726 004	1 227 955	435 018	1 063 031	2	2	4	2
	1998..	2 639 216	1 146 808	433 578	1 058 830	2 650 803	1 124 747	415 536	1 110 520	1	1	4	2
	1997..	2 695 191	1 159 424	403 091	1 132 676	2 616 518	1 142 621	383 809	1 090 088	X	X	X	X
326111	Unsupported plastics bag mfg . . . . .	2000.. 762 640	369 842	78 023	314 775	791 806	393 462	71 712	326 633	2	1	2	4
	1999..	808 667	401 526	74 650	332 491	697 934	327 781	71 342	298 812	2	1	2	3
	1998..	692 747	294 254	77 340	321 153	617 694	288 436	84 572	344 686	2	2	5	2
	1997..	720 400	307 300	77 163	335 937	721 484	310 904	65 119	345 461	X	X	X	X
326112	Unsupported plastics packaging film & sheet mfg . . . . .	2000.. 524 010	283 981	66 753	173 276	501 533	266 997	67 622	166 913	4	4	5	6
	1999..	508 832	271 618	67 357	169 858	454 039	234 568	71 658	147 813	5	5	6	5
	1998..	415 262	207 190	73 463	134 609	438 227	206 931	71 239	160 057	3	3	4	4
	1997..	441 654	209 596	71 927	160 131	440 043	210 526	78 961	150 556	X	X	X	X
326113	Unsupported plastics film & sheet (except packaging) mfg . . . . .	2000.. 1 595 041	724 600	214 535	655 906	1 611 603	690 579	245 837	675 187	2	2	4	2
	1999..	1 611 575	664 265	278 865	668 445	1 574 031	665 607	292 018	616 406	3	3	5	4
	1998..	1 531 206	645 364	282 775	603 067	1 494 883	629 381	259 725	605 777	1	1	6	2
	1997..	1 533 137	642 528	254 001	636 608	1 454 991	621 191	239 729	594 071	X	X	X	X
32612	Plastics pipe, pipe fitting, & unsupported profile shape mfg . . . . .	2000.. 1 478 007	872 193	116 687	489 127	1 284 176	687 362	110 422	486 391	2	2	4	3
	1999..	1 180 569	661 214	73 818	445 537	1 112 873	608 730	88 667	415 476	2	2	6	6
	1998..	1 155 638	685 612	90 766	379 260	1 238 100	731 096	89 992	417 011	2	2	2	3
	1997..	1 229 333	692 524	100 233	436 576	1 147 877	658 261	89 176	400 440	X	X	X	X
326121	Unsupported plastics profile shape mfg . . . . .	2000.. 454 469	189 254	70 246	194 968	478 830	189 187	78 480	211 163	3	3	3	6
	1999..	371 081	153 556	41 525	175 999	441 752	195 300	47 532	198 920	6	3	6	14
	1998..	466 252	235 297	53 171	177 784	444 882	208 990	55 393	180 499	2	3	3	3
	1997..	444 815	196 612	60 128	188 075	462 912	211 022	58 812	193 078	X	X	X	X
326122	Plastics pipe & pipe fitting mfg . . . . .	2000.. 1 023 539	682 939	46 441	294 159	805 345	498 175	31 943	275 227	2	2	8	3
	1999..	809 489	507 658	32 293	269 538	671 122	413 430	41 135	216 557	2	2	11	4
	1998..	689 386	450 315	37 595	201 476	793 217	522 106	34 600	236 511	2	2	4	6
	1997..	784 518	495 912	40 105	248 501	684 965	447 239	30 364	207 362	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
326	Plastics & rubber products mfg—Con.												
3261	Plastics product mfg—Con.												
32613	Laminated plastics plate, sheet, & shape mfg.....	2000.. 330 635	119 501	49 400	161 733	346 785	132 694	51 306	162 784	2	2	5	3
		1999.. 338 808	129 510	51 756	157 543	327 211	126 202	48 741	152 269	2	2	4	2
		1998.. 335 041	124 950	57 182	152 909	339 315	128 997	61 090	149 228	1	2	5	1
		1997.. 382 636	152 184	61 254	169 198	374 229	155 400	59 631	159 198	X	X	X	X
326130	Laminated plastics plate, sheet, & shape mfg.....	2000.. 330 635	119 501	49 400	161 733	346 785	132 694	51 306	162 784	2	2	5	3
		1999.. 338 808	129 510	51 756	157 543	327 211	126 202	48 741	152 269	2	2	4	2
		1998.. 335 041	124 950	57 182	152 909	339 315	128 997	61 090	149 228	1	2	5	1
		1997.. 382 636	152 184	61 254	169 198	374 229	155 400	59 631	159 198	X	X	X	X
32614	Polystyrene foam product mfg .....	2000.. 626 422	338 147	48 284	239 991	533 013	273 704	43 628	215 681	4	4	8	4
		1999.. 547 873	269 016	72 951	205 906	477 197	253 553	50 911	172 733	3	2	22	3
		1998.. 476 303	245 617	51 874	178 811	463 633	209 488	47 447	206 698	1	1	3	2
		1997.. 444 041	204 368	46 166	193 507	442 884	211 763	39 587	191 534	X	X	X	X
326140	Polystyrene foam product mfg .....	2000.. 626 422	338 147	48 284	239 991	533 013	273 704	43 628	215 681	4	4	8	4
		1999.. 547 873	269 016	72 951	205 906	477 197	253 553	50 911	172 733	3	2	22	3
		1998.. 476 303	245 617	51 874	178 811	463 633	209 488	47 447	206 698	1	1	3	2
		1997.. 444 041	204 368	46 166	193 507	442 884	211 763	39 587	191 534	X	X	X	X
32615	Urethane & other foam product (except polystyrene) mfg .....	2000.. 549 151	187 988	71 390	289 773	537 298	195 389	67 063	274 845	11	27	5	5
		1999.. 542 961	198 977	68 098	275 885	537 172	169 672	68 269	299 230	8	18	3	5
		1998.. 487 423	155 826	69 930	261 667	489 162	148 688	69 769	270 705	1	2	2	3
		1997.. 492 574	148 912	71 086	272 576	462 131	138 698	62 700	260 733	X	X	X	X
326150	Urethane & other foam product (except polystyrene) mfg .....	2000.. 549 151	187 988	71 390	289 773	537 298	195 389	67 063	274 845	11	27	5	5
		1999.. 542 961	198 977	68 098	275 885	537 172	169 672	68 269	299 230	8	18	3	5
		1998.. 487 423	155 826	69 930	261 667	489 162	148 688	69 769	270 705	1	2	2	3
		1997.. 492 574	148 912	71 086	272 576	462 131	138 698	62 700	260 733	X	X	X	X
32616	Plastics bottle mfg .....	2000.. 763 409	373 832	104 161	285 416	667 899	326 173	62 432	279 294	2	2	8	2
		1999.. 675 763	332 881	63 888	278 994	588 820	301 477	61 283	226 060	2	2	4	2
		1998.. 602 923	298 504	64 467	239 952	568 671	279 402	70 271	218 998	2	2	2	4
		1997.. 568 465	277 253	67 875	223 337	522 307	266 445	49 014	206 848	X	X	X	X
326160	Plastics bottle mfg .....	2000.. 763 409	373 832	104 161	285 416	667 899	326 173	62 432	279 294	2	2	8	2
		1999.. 675 763	332 881	63 888	278 994	588 820	301 477	61 283	226 060	2	2	4	2
		1998.. 602 923	298 504	64 467	239 952	568 671	279 402	70 271	218 998	2	2	2	4
		1997.. 568 465	277 253	67 875	223 337	522 307	266 445	49 014	206 848	X	X	X	X
32619	Other plastics product mfg .....	2000.. 8 048 442	3 841 459	1 044 504	3 162 479	7 557 899	3 476 823	995 279	3 085 798	1	2	3	2
		1999.. 7 640 533	3 481 872	1 046 265	3 112 396	7 204 930	3 329 237	1 000 266	2 875 428	1	2	2	1
		1998.. 7 154 435	3 291 869	967 001	2 895 565	7 119 536	3 171 350	966 063	2 982 123	1	1	1	1
		1997.. 7 120 395	3 196 015	931 740	2 992 640	6 922 846	3 110 435	904 446	2 907 965	X	X	X	X
326191	Plastics plumbing fixture mfg .....	2000.. 218 202	102 301	19 463	96 438	200 206	98 391	15 862	85 954	5	8	14	5
		1999.. 209 024	97 190	18 459	93 375	180 876	17 398	15 862	82 790	4	7	14	4
		1998.. 176 228	75 366	14 484	86 377	162 342	65 289	13 920	83 133	2	3	14	1
		1997.. 159 966	65 011	13 177	81 778	161 854	65 376	17 501	78 977	X	X	X	X
326192	Resilient floor covering mfg .....	2000.. 234 659	177 816	13 631	43 212	252 323	180 632	15 112	56 579	2	3	3	2
		1999.. 252 756	180 196	15 265	57 295	250 515	191 459	16 785	42 272	1	1	1	1
		1998.. 242 859	184 957	15 629	42 273	263 014	197 916	18 241	46 857	1	1	1	1
		1997.. 250 891	189 490	17 803	43 598	252 444	167 987	18 315	66 142	X	X	X	X
326199	All other plastics product mfg .....	2000.. 7 595 581	3 561 342	1 011 410	3 022 829	7 105 370	3 197 800	964 305	2 943 265	1	2	3	2
		1999.. 7 178 754	3 204 486	1 012 541	2 961 726	6 773 539	3 057 090	966 083	2 750 367	1	2	2	1
		1998.. 6 735 348	3 031 545	936 888	2 766 915	6 694 180	2 908 145	933 902	2 852 133	1	1	2	1
		1997.. 6 709 538	2 941 514	900 760	2 867 264	6 508 548	2 877 072	868 630	2 762 846	X	X	X	X
3262	Rubber product mfg .....	2000.. 3 213 736	1 511 483	448 981	1 253 272	3 152 141	1 463 582	485 685	1 202 875	1	1	3	2
		1999.. 3 164 066	1 487 982	470 514	1 205 570	3 025 393	1 426 624	468 499	1 130 270	1	2	2	2
		1998.. 3 080 798	1 419 703	506 683	1 154 412	3 023 095	1 409 236	506 052	1 107 807	1	1	2	1
		1997.. 3 047 081	1 429 769	508 917	1 108 395	3 085 718	1 475 690	520 933	1 089 095	X	X	X	X
32621	Tire mfg .....	2000.. 1 290 500	644 736	134 906	510 858	1 268 207	646 633	158 120	463 454	2	1	3	4
		1999.. 1 249 188	650 691	135 489	463 008	1 157 827	589 125	144 925	423 777	1	1	1	1
		1998.. 1 183 773	602 950	147 581	433 242	1 168 421	610 342	149 894	408 185	1	1	1	1
		1997.. 1 164 493	606 442	147 196	410 855	1 194 191	638 344	142 311	413 536	X	X	X	X
326211	Tire mfg (except retreading) .....	2000.. 1 203 513	601 398	128 871	473 244	1 180 202	602 994	152 280	424 927	2	1	3	5
		1999.. 1 157 938	603 162	129 757	425 020	1 068 643	543 067	139 399	386 176	1	1	1	1
		1998.. 1 075 969	543 074	140 349	392 546	1 060 665	551 523	140 753	368 389	1	1	1	1
		1997.. 1 057 583	548 520	140 772	368 291	1 086 998	579 451	134 075	373 472	X	X	X	X
326212	Tire retreading .....	2000.. 86 987	43 338	6 035	37 614	88 005	43 639	5 839	38 527	6	12	11	5
		1999.. 91 250	47 529	5 732	37 988	89 184	46 058	5 525	37 601	5	9	10	5
		1998.. 107 804	59 876	7 232	40 696	107 756	58 819	9 141	39 795	3	3	10	6
		1997.. 106 910	57 922	6 424	42 564	107 193	58 893	8 236	40 064	X	X	X	X
32622	Rubber & plastics hoses & belting mfg .....	2000.. 578 491	326 413	93 447	158 631	535 931	301 268	87 616	147 047	3	3	3	5
		1999.. 541 331	304 480	88 479	148 372	522 442	298 601	84 263	139 578	1	2	3	4
		1998.. 495 398	283 439	75 527	136 432	495 724	278 459	82 596	134 670	2	3	3	4
		1997.. 522 042	305 297	89 600	127 145	563 650	334 360	100 573	128 717	X	X	X	X
326220	Rubber & plastics hoses & belting mfg .....	2000.. 578 491	326 413	93 447	158 631	535 931	301 268	87 616	147 047	3	3	3	5
		1999.. 541 331	304 480	88 479	148 372	522 442	298 601	84 263	139 578	1	2	3	4
		1998.. 495 398	283 439	75 527	136 432	495 724	278 459	82 596	134 670	2	3	3	4
		1997.. 522 042	305 297	89 600	127 145	563 650	334 360	100 573	128 717	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
326	Plastics & rubber products mfg—Con.												
3262	Rubber product mfg—Con.												
32629	Other rubber product mfg . . . . .	2000.. 1 344 746	540 335	220 627	583 783	1 348 003	515 680	239 949	592 374	2	3	6	3
		1999.. 1 373 547	532 811	246 546	594 189	1 345 124	538 897	239 312	566 915	3	5	3	3
		1998.. 1 401 627	533 314	283 574	584 738	1 358 949	520 435	273 563	564 952	1	3	3	2
		1997.. 1 360 546	518 030	272 121	570 395	1 327 877	502 986	278 049	546 842	X	X	X	X
326291	Rubber product mfg for mechanical use . . . . .	2000.. 559 406	223 989	109 680	225 736	528 082	195 944	114 651	217 487	2	3	2	3
		1999.. 538 458	200 831	117 735	219 892	525 975	208 731	107 174	210 069	2	3	3	3
		1998.. 551 321	208 935	120 425	221 961	528 659	199 267	114 537	214 855	2	3	8	4
		1997.. 526 332	200 488	111 935	213 909	492 887	177 957	109 809	205 121	X	X	X	X
326299	All other rubber product mfg . . . . .	2000.. 785 340	316 346	110 947	358 047	819 921	319 737	125 298	374 886	4	4	12	4
		1999.. 835 088	331 980	128 811	374 298	819 150	330 166	132 137	356 846	5	8	4	5
		1998.. 850 306	324 380	163 149	362 777	830 290	321 168	159 026	350 097	2	4	2	2
		1997.. 834 214	317 542	160 186	356 486	834 990	325 029	168 240	341 721	X	X	X	X
327	Nonmetallic mineral product mfg . . . . .	2000.. 9 747 980	4 948 856	1 292 011	3 507 113	9 168 779	4 665 509	1 176 091	3 327 180	1	1	2	1
		1999.. 9 278 702	4 715 279	1 209 836	3 353 588	8 877 249	4 510 452	1 152 085	3 214 712	1	1	1	1
		1998.. 9 160 204	4 567 991	1 226 746	3 365 468	8 917 196	4 491 537	1 184 798	3 240 860	1	1	1	1
		1997.. 8 840 326	4 457 304	1 187 891	3 195 131	8 636 639	4 433 370	1 178 562	3 024 707	X	X	X	X
3271	Clay product & refractory mfg . . . . .	2000.. 1 412 685	816 522	212 142	384 020	1 311 662	734 613	206 372	370 678	3	3	5	3
		1999.. 1 346 083	751 530	214 740	379 813	1 356 593	755 584	213 787	387 222	2	2	4	3
		1998.. 1 497 188	830 620	234 142	432 426	1 479 393	825 084	242 552	411 757	1	2	2	2
		1997.. 1 496 228	839 849	244 347	412 032	1 465 819	844 388	230 566	390 865	X	X	X	X
32711	Pottery, ceramics, & plumbing fixture mfg . . . . .	2000.. 574 445	292 296	131 850	150 299	548 120	275 195	135 514	137 410	4	5	5	5
		1999.. 571 726	284 265	142 187	145 273	567 405	279 377	141 864	146 163	3	4	4	5
		1998.. 608 736	289 647	152 206	166 883	589 952	280 185	157 081	152 686	1	2	2	5
		1997.. 581 111	280 055	153 230	147 826	550 349	270 780	141 957	137 612	X	X	X	X
327111	Vitreous china plumbing fixture & bathroom accessories mfg . . . . .	2000.. 87 927	50 174	17 740	20 014	96 831	61 040	17 581	18 211	11	16	6	11
		1999.. 95 359	59 470	17 493	18 396	89 450	46 738	19 797	22 915	7	9	4	8
		1998.. 103 746	58 782	20 015	24 949	99 517	56 638	22 687	20 192	1	1	1	1
		1997.. 102 233	58 689	23 317	20 227	118 130	71 506	25 743	20 881	X	X	X	X
327112	Vitreous china, fine earthenware, & other pottery product mfg . . . . .	2000.. 311 349	170 193	62 696	78 460	296 079	160 139	66 175	69 765	6	6	11	7
		1999.. 314 649	168 504	72 644	73 500	313 359	173 799	72 967	66 593	5	5	6	7
		1998.. 323 512	174 276	78 096	71 140	330 212	168 837	84 155	77 220	1	1	1	1
		1997.. 319 444	166 218	79 934	73 292	277 771	144 374	68 474	64 923	X	X	X	X
327113	Porcelain electrical supply mfg . . . . .	2000.. 175 169	71 929	51 414	51 826	155 210	54 017	51 759	49 434	4	6	5	6
		1999.. 161 717	56 291	52 050	53 377	164 596	58 841	49 101	56 655	3	6	5	7
		1998.. 181 478	56 588	54 095	70 794	160 223	54 710	50 239	55 274	4	8	6	11
		1997.. 159 434	55 148	49 979	54 307	154 448	54 900	47 740	51 808	X	X	X	X
32712	Clay building material & refractories mfg . . . . .	2000.. 838 240	524 226	80 292	233 721	763 542	459 417	70 858	233 268	3	3	10	4
		1999.. 774 357	467 265	72 553	234 539	789 188	476 207	71 922	241 059	3	3	11	4
		1998.. 888 452	540 973	81 936	265 542	889 441	544 898	85 472	259 071	2	3	1	2
		1997.. 915 117	559 794	91 117	264 206	915 470	573 608	88 609	253 253	X	X	X	X
327121	Brick & structural clay tile mfg . . . . .	2000.. 269 105	199 048	11 844	58 214	223 430	159 503	11 578	52 349	3	4	4	5
		1999.. 233 696	167 034	11 808	54 854	205 305	189 228	10 368	55 709	3	3	4	3
		1998.. 259 195	194 469	10 540	54 185	267 007	206 055	10 195	50 757	2	2	4	3
		1997.. 268 056	206 778	10 275	51 003	268 198	210 049	9 645	48 504	X	X	X	X
327122	Ceramic wall & floor tile mfg . . . . .	2000.. 187 898	127 492	11 122	49 284	163 893	109 783	9 225	44 884	5	6	8	4
		1999.. 166 726	114 027	9 183	43 516	143 170	97 550	9 164	36 456	4	5	8	5
		1998.. 192 590	146 884	10 239	35 467	183 560	132 936	11 877	38 746	6	12	6	13
		1997.. 187 820	135 250	11 532	41 038	177 657	127 749	15 613	34 295	X	X	X	X
327123	Other structural clay product mfg . . . . .	2000.. 25 256	18 683	2 416	4 157	21 356	15 509	2 039	3 808	4	4	3	4
		1999.. 21 355	15 505	2 064	3 787	21 574	16 551	1 348	3 674	5	5	4	4
		1998.. 22 926	17 246	1 679	4 001	21 736	16 513	1 359	3 864	1	1	1	1
		1997.. 21 685	16 550	1 513	3 622	24 827	17 920	1 807	5 100	X	X	X	X
327124	Clay refractory mfg . . . . .	2000.. 118 149	61 351	9 585	47 213	117 404	57 746	11 836	47 821	17	13	82	17
		1999.. 109 185	53 872	11 105	44 208	116 857	52 687	12 789	51 381	18	14	69	17
		1998.. 160 242	66 036	23 557	70 648	172 815	73 037	27 057	72 721	3	5	3	3
		1997.. 171 621	72 588	27 398	71 635	165 474	79 194	19 836	66 444	X	X	X	X
327125	Nonclay refractory mfg . . . . .	2000.. 237 832	117 653	45 326	74 853	237 461	116 877	36 179	84 405	5	7	3	7
		1999.. 243 395	116 827	38 393	88 175	252 284	120 191	38 254	93 839	4	6	4	4
		1998.. 253 499	116 338	35 920	101 241	244 323	116 357	34 983	92 983	1	1	1	2
		1997.. 265 935	128 628	40 399	96 908	279 314	138 696	41 708	98 910	X	X	X	X
3272	Glass & glass product mfg . . . . .	2000.. 3 100 930	1 802 195	397 722	901 012	2 896 195	1 702 359	383 488	810 348	1	1	2	2
		1999.. 2 916 643	1 712 793	386 436	817 415	2 798 006	1 675 921	344 073	778 012	1	1	1	2
		1998.. 2 834 763	1 696 073	339 079	799 611	2 721 121	1 593 353	346 798	780 970	1	1	1	3
		1997.. 2 722 613	1 590 735	350 836	781 042	2 634 864	1 568 971	317 795	748 098	X	X	X	X
32721	Glass & glass product mfg . . . . .	2000.. 3 100 930	1 802 195	397 722	901 012	2 896 195	1 702 359	383 488	810 348	1	1	2	2
		1999.. 2 916 643	1 712 793	386 436	817 415	2 798 006	1 675 921	344 073	778 012	1	1	1	2
		1998.. 2 834 763	1 696 073	339 079	799 611	2 721 121	1 593 353	346 798	780 970	1	1	1	3
		1997.. 2 722 613	1 590 735	350 836	781 042	2 634 864	1 568 971	317 795	748 098	X	X	X	X
327211	Flat glass mfg . . . . .	2000.. 295 699	179 350	55 230	61 119	270 434	163 223	48 235	58 976	1	2	1	1
		1999.. 270 619	163 359	48 243	59 117	273 374	182 624	32 541	58 210	1	2	1	1
		1998.. 275 652	188 379	32 556	54 716	299 831	201 400	40 829	57 602	1	1	1	1
		1997.. 299 831	201 400	40 829	57 602	283 963	181 148	41 078	61 737	X	X	X	X
327212	Other pressed & blown glass & glassware mfg . . . . .	2000.. 1 034 281	607 370	134 587	292 324	903 201	556 521	122 320	224 360	1	2	2	2
		1999.. 910 535	561 318	123 113	226 104	913 183	590 102	107 519	215 562	1	2	2	2
		1998.. 9											



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
327	Nonmetallic mineral product mfg—Con.																			
3272	Glass & glass product mfg—Con.																			
32721	Glass & glass product mfg—Con.																			
327213	Glass container mfg .....	2000.. 735 153	603 936	940	130 277	707 369	588 589	1 694	117 085	2	3	12	1							
		1999.. 708 590	589 108	1 696	117 785	683 686	565 091	1 820	116 775	2	2	7	2							
		1998.. 674 517	555 799	1 915	116 803	622 189	501 654	1 927	118 608	1	1	1	1							
		1997.. 622 189	501 654	1 927	118 608	677 460	553 013	1 581	122 866	X	X	X	X							
327215	Glass product mfg made of purchased glass .....	2000.. 1 035 796	411 540	206 965	417 292	1 015 192	394 026	211 238	409 277	2	3	3	4							
		1999.. 1 026 899	399 008	213 383	414 508	927 762	338 104	202 193	387 465	2	3	2	3							
		1998.. 914 392	338 405	200 119	375 868	904 379	333 881	191 274	379 224	2	1	2	5							
		1997.. 910 575	332 784	196 147	381 644	851 334	319 991	179 421	351 922	X	X	X	X							
3273	Cement & concrete product mfg .....	2000.. 3 189 066	1 548 717	345 258	1 295 091	2 922 648	1 422 258	270 250	1 230 139	2	3	4	3							
		1999.. 2 956 236	1 438 929	278 344	1 238 963	2 735 485	1 328 339	262 848	1 144 298	2	3	3	2							
		1998.. 2 820 280	1 282 628	279 865	1 257 787	2 733 658	1 283 879	215 003	1 234 776	2	3	3	2							
		1997.. 2 651 856	1 261 923	208 999	1 180 934	2 573 632	1 220 059	239 133	1 114 440	X	X	X	X							
32731	Cement mfg .....	2000.. 1 052 774	286 531	198 929	567 314	924 481	225 243	146 094	553 144	1	2	2	1							
		1999.. 923 113	224 963	150 193	547 957	849 477	202 432	113 144	533 902	1	2	2	1							
		1998.. 860 352	186 403	124 857	549 092	839 603	211 926	100 288	527 390	3	6	5	2							
		1997.. 831 670	214 752	104 931	511 987	845 233	220 055	133 074	492 104	X	X	X	X							
327310	Cement mfg .....	2000.. 1 052 774	286 531	198 929	567 314	924 481	225 243	146 094	553 144	1	2	2	1							
		1999.. 923 113	224 963	150 193	547 957	849 477	202 432	113 144	533 902	1	2	2	1							
		1998.. 860 352	186 403	124 857	549 092	839 603	211 926	100 288	527 390	3	6	5	2							
		1997.. 831 670	214 752	104 931	511 987	845 233	220 055	133 074	492 104	X	X	X	X							
32732	Ready-mix concrete mfg .....	2000.. 560 059	174 171	15 313	370 575	548 105	182 921	13 978	351 206	7	11	13	9							
		1999.. 564 590	184 719	15 090	364 781	546 753	200 198	17 559	328 996	7	13	13	7							
		1998.. 635 489	182 556	27 463	425 471	649 586	191 408	19 180	438 998	4	10	3	3							
		1997.. 576 894	157 252	17 287	402 355	559 430	174 466	20 855	364 109	X	X	X	X							
327320	Ready-mix concrete mfg .....	2000.. 560 059	174 171	15 313	370 575	548 105	182 921	13 978	351 206	7	11	13	9							
		1999.. 564 590	184 719	15 090	364 781	546 753	200 198	17 559	328 996	7	13	13	7							
		1998.. 635 489	182 556	27 463	425 471	649 586	191 408	19 180	438 998	4	10	3	3							
		1997.. 576 894	157 252	17 287	402 355	559 430	174 466	20 855	364 109	X	X	X	X							
32733	Concrete pipe, brick, & block mfg .....	2000.. 797 764	639 716	29 918	128 130	745 484	593 750	29 125	122 609	5	6	13	8							
		1999.. 762 654	609 968	29 718	122 969	719 686	547 590	58 825	113 271	5	6	12	6							
		1998.. 688 278	515 328	57 303	115 646	646 669	518 143	23 272	105 254	4	5	2	6							
		1997.. 637 604	509 048	23 674	104 882	593 069	469 933	26 270	96 866	X	X	X	X							
327331	Concrete block & brick mfg .....	2000.. 484 017	403 881	6 626	73 510	444 189	365 831	5 324	73 034	9	9	42	13							
		1999.. 456 085	377 648	5 814	72 624	429 268	355 079	6 509	67 680	8	9	47	9							
		1998.. 387 636	313 086	13 625	60 924	351 633	290 499	8 878	52 256	5	5	3	6							
		1997.. 343 109	282 027	9 300	51 782	315 474	259 111	5 475	50 888	X	X	X	X							
327332	Concrete pipe mfg .....	2000.. 313 748	235 836	23 292	54 620	301 295	227 919	23 801	49 575	4	4	12	5							
		1999.. 306 569	232 320	23 904	50 345	290 419	192 512	52 316	45 591	4	4	10	5							
		1998.. 300 642	202 242	43 678	54 722	295 036	227 644	14 394	52 998	6	8	3	11							
		1997.. 294 495	227 021	14 374	53 100	277 595	210 822	20 795	45 978	X	X	X	X							
32739	Other concrete product mfg .....	2000.. 778 469	448 298	101 098	229 073	704 578	420 344	81 053	203 181	4	4	11	6							
		1999.. 705 879	419 280	83 344	203 255	619 569	378 119	73 320	168 129	3	3	8	4							
		1998.. 636 160	398 341	70 242	167 578	597 800	362 402	72 264	163 134	2	3	7	2							
		1997.. 605 688	380 871	63 107	161 710	575 900	355 605	58 934	161 361	X	X	X	X							
327390	Other concrete product mfg .....	2000.. 778 469	448 298	101 098	229 073	704 578	420 344	81 053	203 181	4	4	11	6							
		1999.. 705 879	419 280	83 344	203 255	619 569	378 119	73 320	168 129	3	3	8	4							
		1998.. 636 160	398 341	70 242	167 578	597 800	362 402	72 264	163 134	2	3	7	2							
		1997.. 605 688	380 871	63 107	161 710	575 900	355 605	58 934	161 361	X	X	X	X							
3274	Lime & gypsum product mfg .....	2000.. 417 786	95 380	18 736	303 670	415 939	88 963	18 933	308 042	4	5	9	6							
		1999.. 417 511	88 177	19 202	310 133	384 903	77 085	19 860	287 958	4	5	6	5							
		1998.. 375 099	67 764	24 430	282 906	378 595	89 920	23 235	265 439	4	23	5	2							
		1997.. 362 397	85 742	23 236	253 419	351 787	90 730	25 423	235 634	X	X	X	X							
32741	Lime mfg .....	2000.. 133 228	27 799	7 093	98 337	139 874	26 702	7 433	105 739	4	6	17	5							
		1999.. 145 028	26 990	7 659	110 379	144 277	25 134	9 506	109 637	4	6	12	5							
		1998.. 146 282	19 224	14 668	112 390	142 305	18 640	13 045	110 621	1	10	8	2							
		1997.. 133 859	15 070	12 881	105 908	125 167	18 441	14 287	92 439	X	X	X	X							
327410	Lime mfg .....	2000.. 133 228	27 799	7 093	98 337	139 874	26 702	7 433	105 739	4	6	17	5							
		1999.. 145 028	26 990	7 659	110 379	144 277	25 134	9 506	109 637	4	6	12	5							
		1998.. 146 282	19 224	14 668	112 390	142 305	18 640	13 045	110 621	1	10	8	2							
		1997.. 133 859	15 070	12 881	105 908	125 167	18 441	14 287	92 439	X	X	X	X							
32742	Gypsum product mfg .....	2000.. 284 558	67 581	11 643	205 334	276 065	62 261	11 501	202 303	6	7	10	8							
		1999.. 272 484	61 186	11 543	199 754	240 626	51 951	10 354	178 321	6	7	6	8							
		1998.. 228 817	48 540	9 761	170 516	236 290	71 281	10 190	154 819	7	32	6	4							
		1997.. 228 538	70 672	10 355	147 511	226 620	72 289	11 136	143 195	X	X	X	X							
327420	Gypsum product m																			

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
327	Nonmetallic mineral product mfg —Con.												
3279	Other nonmetallic mineral product mfg—Con.												
32791	Abrasive product mfg .....	2000.. 617 761	203 272	209 691	204 798	649 602	251 161	189 158	209 283	3	6	4	6
		1999.. 651 387	251 643	189 255	210 489	629 187	223 629	188 418	217 140	3	5	4	5
		1998.. 676 737	231 560	227 884	217 293	709 725	258 770	242 918	208 037	2	5	4	3
		1997.. 696 662	247 768	243 225	205 669	718 809	262 571	254 967	201 271	X	X	X	X
327910	Abrasive product mfg .....	2000.. 617 761	203 272	209 691	204 798	649 602	251 161	189 158	209 283	3	6	4	6
		1999.. 651 387	251 643	189 255	210 489	629 187	223 629	188 418	217 140	3	5	4	5
		1998.. 676 737	231 560	227 884	217 293	709 725	258 770	242 918	208 037	2	5	4	3
		1997.. 696 662	247 768	243 225	205 669	718 809	262 571	254 967	201 271	X	X	X	X
32799	All other nonmetallic mineral product mfg .....	2000.. 1 009 753	482 770	108 462	418 521	972 733	466 154	107 889	398 689	3	3	7	4
		1999.. 990 842	472 207	121 859	418 521	972 733	449 895	123 098	400 082	3	3	6	4
		1998.. 956 138	459 346	121 346	375 446	894 703	440 531	114 291	339 881	2	3	4	3
		1997.. 910 570	431 287	117 248	362 035	891 728	446 651	110 678	334 399	X	X	X	X
327991	Cut stone & stone product mfg .....	2000.. 190 313	81 841	37 584	70 888	181 317	76 247	33 205	71 866	7	7	13	10
		1999.. 189 257	80 573	37 149	71 535	187 397	78 536	41 988	66 874	8	9	12	11
		1998.. 166 859	89 826	33 745	43 288	150 344	82 394	27 136	40 814	7	11	12	10
		1997.. 152 745	77 773	30 413	44 559	150 680	84 763	26 194	39 273	X	X	X	X
327992	Ground or treated mineral & earth mfg .....	2000.. 270 227	100 442	29 807	139 978	245 523	92 116	31 175	122 232	5	6	11	8
		1999.. 249 523	93 173	32 875	123 475	249 420	81 278	31 515	136 627	5	5	11	9
		1998.. 246 194	84 945	32 346	128 903	222 869	79 736	31 827	111 305	5	7	3	6
		1997.. 264 046	93 556	40 168	130 322	256 701	87 199	38 017	131 485	X	X	X	X
327993	Mineral wool mfg .....	2000.. 350 659	208 077	21 906	120 677	360 548	210 518	23 539	126 491	5	5	13	4
		1999.. 370 896	211 962	31 000	127 933	363 984	205 450	31 896	126 638	4	6	10	2
		1998.. 343 434	193 726	25 388	124 320	334 083	192 692	22 277	119 113	1	1	5	2
		1997.. 323 673	184 853	22 951	115 869	327 514	201 793	23 566	102 155	X	X	X	X
327999	All other miscellaneous nonmetallic mineral product mfg .....	2000.. 198 553	92 411	19 165	86 978	185 344	87 274	19 970	78 101	8	9	22	10
		1999.. 181 167	86 500	20 834	73 832	172 273	84 631	17 698	69 943	5	4	16	9
		1998.. 199 651	90 849	29 867	78 935	187 407	85 708	33 050	68 649	2	3	3	6
		1997.. 170 106	75 105	23 716	71 285	156 833	72 896	22 901	61 036	X	X	X	X
331	Primary metal mfg .....	2000.. 22 171 345	6 978 760	7 632 066	7 560 519	22 226 587	6 759 237	7 694 082	7 773 268	1	1	1	1
		1999.. 22 309 142	6 767 633	7 753 046	7 788 463	22 304 839	6 824 957	7 491 460	7 988 422	1	1	1	1
		1998.. 22 829 883	7 077 753	7 776 168	7 975 962	22 807 190	6 972 044	8 018 290	7 816 856	1	1	1	1
		1997.. 22 727 686	6 938 459	8 024 117	7 765 110	22 339 511	6 737 495	8 250 057	7 351 959	X	X	X	X
3311	Iron & steel mills & ferroalloy mfg .....	2000.. 9 525 170	3 237 626	3 298 438	2 989 105	9 351 560	3 075 790	3 176 973	3 098 798	1	1	1	1
		1999.. 9 295 009	3 043 391	3 170 124	3 081 494	9 709 751	3 200 345	3 198 413	3 310 993	1	1	1	1
		1998.. 9 633 418	3 305 266	3 084 227	3 243 924	9 509 994	3 204 362	3 158 252	3 147 380	1	1	1	1
		1997.. 9 468 093	3 199 415	3 158 582	3 110 096	9 204 289	3 080 015	3 054 604	3 069 670	X	X	X	X
33111	Iron & steel mills & ferroalloy mfg .....	2000.. 9 525 170	3 237 626	3 298 438	2 989 105	9 351 560	3 075 790	3 176 973	3 098 798	1	1	1	1
		1999.. 9 295 009	3 043 391	3 170 124	3 081 494	9 709 751	3 200 345	3 198 413	3 310 993	1	1	1	1
		1998.. 9 633 418	3 305 266	3 084 227	3 243 924	9 509 994	3 204 362	3 158 252	3 147 380	1	1	1	1
		1997.. 9 468 093	3 199 415	3 158 582	3 110 096	9 204 289	3 080 015	3 054 604	3 069 670	X	X	X	X
331111	Iron & steel mills .....	2000.. 9 325 256	3 175 568	3 243 125	2 906 563	9 126 692	2 996 606	3 121 123	3 008 963	1	1	1	1
		1999.. 9 114 068	2 980 946	3 114 340	3 018 782	9 519 383	3 139 091	3 140 690	3 239 602	1	1	1	1
		1998.. 9 376 440	3 207 524	3 020 496	3 148 419	9 252 276	3 106 785	3 095 140	3 050 351	1	1	1	1
		1997.. 9 210 486	3 101 897	3 095 490	3 013 099	8 981 147	2 995 903	3 002 714	2 982 530	X	X	X	X
331112	Electrometallurgical ferroalloy product mfg .....	2000.. 199 914	62 059	55 313	82 543	224 869	79 184	55 850	89 835	2	4	4	3
		1999.. 180 941	62 445	55 784	62 712	190 368	61 253	57 723	71 391	1	1	3	4
		1998.. 256 978	97 742	63 731	95 505	257 718	97 577	63 112	97 029	1	1	1	1
		1997.. 257 607	97 518	63 092	96 997	223 142	84 112	51 890	87 140	X	X	X	X
3312	Steel product mfg from purchased steel .....	2000.. 3 215 819	1 084 199	931 773	1 199 846	3 047 812	994 473	912 228	1 141 110	1	2	2	2
		1999.. 3 058 061	994 372	912 666	1 151 024	2 944 728	949 022	857 605	1 138 101	1	2	2	2
		1998.. 3 115 574	1 001 137	831 463	1 282 973	3 103 970	1 032 138	864 237	1 207 596	1	1	1	2
		1997.. 3 066 059	1 019 181	856 108	1 190 770	2 941 873	969 567	843 128	1 129 178	X	X	X	X
33121	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 1 460 982	519 318	302 294	639 370	1 329 156	459 020	291 370	578 766	3	4	7	3
		1999.. 1 340 352	463 432	293 779	583 141	1 305 843	436 294	276 160	593 389	3	4	7	3
		1998.. 1 264 577	424 682	233 526	606 369	1 203 495	432 743	253 465	517 288	1	2	2	2
		1997.. 1 205 112	442 343	251 260	511 509	1 157 385	432 985	227 121	497 279	X	X	X	X
331210	Iron & steel pipes & tubes mfg from purchased steel .....	2000.. 1 460 982	519 318	302 294	639 370	1 329 156	459 020	291 370	578 766	3	4	7	3
		1999.. 1 340 352	463 432	293 779	583 141	1 305 843	436 294	276 160	593 389	3	4	7	3
		1998.. 1 264 577	424 682	233 526	606 369	1 203 495	432 743	253 465	517 288	1	2	2	2
		1997.. 1 205 112	442 343	251 260	511 509	1 157 385	432 985	227 121	497 279	X	X	X	X
33122	Rolling & drawing of purchased steel .....	2000.. 1 754 837	564 881	629 479	560 476	1 718 656	535 453	620 858	562 344	1	1	1	3
		1999.. 1 717 709	530 940	618 887	567 882	1 638 885	512 728	581 445	544 712	1	1	1	3
		1998.. 1 850 997	576 455	597 938	676 604	1 900 475	599 395	610 772	690 308	1	2	1	3
		1997.. 1 860 947	576 838	604 848	679 261	1 784 488	536 582	616 007	631 899	X	X	X	X
331221	Cold-rolled steel shape mfg .....	2000.. 1 032 831	297 147	497 822	237 861	1 034 723	293 572	497 613	243 539	2	2	1	6
		1999.. 1 021 325	285 788	494 434	241 104	958 455	268 805	454 998	234 652	2	2	1	7
		1998.. 1 182 034	332 121	475 719	374 194	1 183 008	331 837	484 738	366 433	1	2	1	4
		1997.. 1 169 746	330 397	482 843	356 506	1 159 671	303 311	491 244	365 116	X	X	X	X
331222	Steel wire drawing .....	2000.. 722 006	267 734	131 657	322 615	683 932	241 881	123 246	318 805	1	2	2	2
		1999.. 696 384	245 152	124 453	326 778	680 430	243 923	126 447	310 060	1	2	2	2
		1998.. 668 963	244 334	122 219	302 411	717 467	267 558	126 034	323 875	2	4	3	3
		1997.. 691 201	246 441	122 005	322 755	624 817	233 271	124 763	266 783	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
331	Primary metal mfg—Con.												
3313	Alumina & aluminum production & processing .....	2000.. 3 344 762	810 278	1 070 404	1 464 080	3 511 114	864 670	1 067 382	1 579 062	1	2	1	1
		1999.. 3 502 305	856 604	1 060 448	1 585 252	3 498 959	851 227	1 025 852	1 621 880	1	1	1	1
		1998.. 3 525 674	855 617	1 211 151	1 458 906	3 692 595	884 902	1 315 557	1 492 137	1	1	1	1
		1997.. 3 680 382	863 933	1 325 748	1 490 701	3 693 620	823 504	1 557 769	1 312 347	X	X	X	X
33131	Alumina & aluminum production & processing ....	2000.. 3 344 762	810 278	1 070 404	1 464 080	3 511 114	864 670	1 067 382	1 579 062	1	2	1	1
		1999.. 3 502 305	856 604	1 060 448	1 585 252	3 498 959	851 227	1 025 852	1 621 880	1	1	1	1
		1998.. 3 525 674	855 617	1 211 151	1 458 906	3 692 595	884 902	1 315 557	1 492 137	1	1	1	1
		1997.. 3 680 382	863 933	1 325 748	1 490 701	3 693 620	823 504	1 557 769	1 312 347	X	X	X	X
331311	Alumina refining.....	2000.. 153 827	31 849	50 815	71 163	162 067	30 560	48 518	82 989	1	1	1	1
		1999.. 161 511	30 491	48 394	82 626	179 092	35 541	58 373	85 178	1	1	1	1
		1998.. 178 962	38 004	56 972	83 986	197 159	38 868	55 424	102 867	1	1	1	1
		1997.. 185 706	26 872	55 102	103 732	210 551	24 393	130 718	55 440	X	X	X	X
331312	Primary aluminum production.....	2000.. 579 630	95 387	180 496	303 747	605 914	102 335	180 082	323 497	1	1	1	1
		1999.. 605 243	100 778	180 185	324 280	657 520	113 083	180 607	363 830	1	1	1	1
		1998.. 657 419	124 099	104 445	428 875	683 363	127 288	100 791	455 284	1	1	1	1
		1997.. 677 119	126 579	95 502	455 038	721 611	97 227	209 642	414 742	X	X	X	X
331314	Secondary smelting & alloying of aluminum.....	2000.. 279 839	141 802	20 632	117 406	307 579	148 765	30 950	127 864	5	7	8	6
		1999.. 308 272	143 123	31 112	134 038	297 715	134 478	25 607	137 630	3	4	5	3
		1998.. 294 833	125 624	30 188	139 021	284 662	119 089	26 154	139 419	2	3	7	1
		1997.. 286 008	120 542	25 934	139 532	253 200	104 986	41 129	107 085	X	X	X	X
331315	Aluminum sheet, plate, & foil mfg .....	2000.. 1 622 950	357 414	622 294	643 243	1 717 520	395 362	611 671	710 487	1	1	1	1
		1999.. 1 706 553	392 897	605 695	707 961	1 666 541	375 945	552 676	737 920	1	1	1	1
		1998.. 1 706 770	387 676	795 491	523 604	1 763 559	378 643	902 201	482 715	1	1	1	1
		1997.. 1 782 025	374 908	924 951	482 166	1 834 710	418 471	966 527	449 712	X	X	X	X
331316	Aluminum extruded product mfg .....	2000.. 558 268	141 065	153 234	263 968	574 456	148 158	154 974	271 324	5	6	4	6
		1999.. 576 700	147 978	154 804	273 918	552 928	148 879	166 733	237 316	3	4	3	4
		1998.. 529 771	128 310	181 270	220 192	608 318	157 271	199 716	251 331	2	4	3	3
		1997.. 597 618	152 869	193 653	251 096	537 741	132 459	173 089	232 193	X	X	X	X
331319	Other aluminum rolling & drawing .....	2000.. 150 249	42 761	42 934	64 554	143 578	39 490	41 187	62 901	4	8	1	4
		1999.. 144 026	41 338	40 259	62 429	145 162	43 301	41 854	60 007	2	5	1	3
		1998.. 157 919	51 905	42 786	63 228	155 534	63 743	31 270	60 521	1	4	1	1
		1997.. 151 906	62 163	30 606	59 137	135 807	45 968	36 664	53 175	X	X	X	X
3314	Nonferrous metal (except aluminum) production & processing .....	2000.. 3 197 444	843 390	1 431 507	922 547	3 497 884	838 422	1 675 024	984 437	1	3	2	3
		1999.. 3 575 245	865 584	1 727 501	982 160	3 356 257	873 437	1 544 409	938 411	1	3	1	2
		1998.. 3 724 580	953 602	1 711 329	1 059 648	3 742 625	923 058	1 783 105	1 036 462	1	1	1	2
		1997.. 3 743 377	919 133	1 782 592	1 041 652	3 840 677	958 013	1 923 247	959 417	X	X	X	X
33141	Nonferrous metal (except aluminum) smelting & refining .....	2000.. 691 817	185 740	288 043	218 034	835 244	173 207	397 282	264 755	2	6	2	5
		1999.. 897 528	184 492	466 348	246 688	808 816	176 136	418 910	213 769	1	6	1	3
		1998.. 869 250	190 552	441 295	237 403	888 284	184 288	462 329	241 667	1	3	1	2
		1997.. 874 703	178 849	458 482	237 372	975 813	194 264	540 705	240 844	X	X	X	X
331411	Primary smelting & refining of copper .....	2000.. 228 410	19 605	141 178	67 627	363 271	21 236	238 109	103 927	1	4	1	3
		1999.. 412 928	27 943	305 323	79 662	344 225	41 942	250 866	51 417	1	2	1	2
		1998.. 391 154	69 539	262 298	59 317	428 272	74 246	284 907	69 119	1	1	1	1
		1997.. 428 272	74 246	284 907	69 119	527 278	90 582	357 113	79 583	X	X	X	X
331419	Other nonferrous metal primary smelting & refining .....	2000.. 463 407	166 135	146 865	150 407	471 972	151 971	159 174	160 828	3	6	4	7
		1999.. 484 600	156 549	161 026	167 026	464 591	134 194	168 044	162 353	3	7	4	4
		1998.. 478 096	121 013	178 997	178 086	460 012	110 042	177 422	172 548	1	4	1	2
		1997.. 446 431	104 603	173 575	168 253	448 535	103 682	183 592	161 261	X	X	X	X
33142	Copper rolling, drawing, extruding, & alloying .....	2000.. 912 585	248 111	401 518	262 956	906 917	240 623	413 096	253 198	2	7	5	8
		1999.. 912 913	239 414	406 566	266 933	891 485	258 358	390 171	242 956	1	2	5	7
		1998.. 1 015 353	288 726	414 965	311 662	1 011 672	299 097	425 944	286 631	1	1	1	1
		1997.. 1 021 711	301 265	431 283	289 163	1 016 115	298 175	448 418	269 522	X	X	X	X
331421	Copper rolling, drawing, & extruding.....	2000.. 748 373	173 066	365 585	209 722	749 396	169 218	379 124	201 054	2	10	6	10
		1999.. 753 823	167 357	372 341	214 126	731 491	182 658	354 880	193 953	1	2	5	8
		1998.. 813 627	203 878	370 928	238 821	813 737	210 360	383 103	220 274	1	1	1	2
		1997.. 825 915	213 434	389 106	223 375	821 449	205 565	406 132	209 752	X	X	X	X
331422	Copper wire (except mechanical) drawing.....	2000.. 83 741	30 940	22 575	30 226	79 313	29 861	21 632	27 820	6	4	5	12
		1999.. 80 332	30 250	21 780	28 302	85 149	35 220	22 300	27 629	7	6	6	9
		1998.. 121 188	46 642	29 486	45 060	111 395	47 044	28 348	36 003	4	2	12	4
		1997.. 109 326	46 169	27 707	35 450	104 872	47 447	25 708	31 717	X	X	X	X
331423	Secondary smelting, refining, & alloying of copper .....	2000.. 80 471	44 105	13 358	23 007	78 208	41 544	12 340	24 324	7	9	28	6
		1999.. 78 758	41 807	12 445	24 506	74 845	40 480	12 991	21 374	6	9	22	5
		1998.. 80 538	38 207	14 551	27 781	86 540	41 693	14 493	30 354	4	5	1	4
		1997.. 86 470	41 662	14 470	30 338	89 794	45 163	16 578	28 053	X	X	X	X

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NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
331	Primary metal mfg—Con.												
3314	Nonferrous metal (except aluminum) production & processing—Con.												
33149	Other nonferrous metal rolling, drawing, extruding, & alloying .....	2000.. 1 593 042	409 539	741 946	441 557	1 755 723	424 593	864 646	466 484	2	5	2	2
		1999.. 1 764 804	441 677	854 587	468 539	1 655 957	438 944	735 327	481 686	1	5	1	2
		1998.. 1 839 977	474 324	855 070	510 584	1 842 669	439 673	894 832	508 164	1	1	1	1
		1997.. 1 846 963	439 019	892 827	515 117	1 848 749	465 574	934 124	449 051	X	X	X	X
331491	Other nonferrous metal rolling, drawing, & extruding .....	2000.. 1 202 279	280 081	609 994	312 205	1 249 309	273 787	645 659	329 863	1	3	1	2
		1999.. 1 243 338	269 970	643 239	330 128	1 218 875	279 038	597 594	342 243	1	2	1	2
		1998.. 1 395 942	320 781	705 046	370 115	1 392 224	297 104	727 541	367 579	1	2	1	1
		1997.. 1 395 845	296 759	725 931	373 155	1 413 125	305 693	778 467	328 965	X	X	X	X
331492	Other nonferrous metal secondary smelting, refining, & alloying .....	2000.. 390 763	129 459	131 952	129 352	506 414	150 806	218 986	136 622	6	15	7	4
		1999.. 521 466	171 707	211 348	138 411	437 082	159 906	137 733	139 443	4	13	4	5
		1998.. 444 035	153 543	150 024	140 469	450 445	142 569	167 291	140 585	1	2	2	2
		1997.. 451 118	142 260	166 896	141 962	435 624	159 881	155 657	120 086	X	X	X	X
3315	Foundries .....	2000.. 2 888 150	1 003 266	899 944	984 940	2 818 218	985 882	862 476	969 860	1	1	2	2
		1999.. 2 878 521	1 007 681	882 307	988 533	2 795 144	950 927	865 181	979 036	1	1	2	1
		1998.. 2 830 638	962 131	937 997	930 510	2 758 006	927 584	897 140	933 281	2	2	5	2
		1997.. 2 769 775	936 797	901 087	931 891	2 659 052	906 396	881 347	881 347	X	X	X	X
33151	Ferrous metal foundries .....	2000.. 1 808 768	690 639	501 190	616 938	1 769 631	685 467	480 760	603 404	1	2	3	2
		1999.. 1 791 452	688 420	492 725	610 307	1 763 518	665 398	497 328	600 791	1	1	2	2
		1998.. 1 708 657	678 820	498 929	530 909	1 703 001	636 054	513 361	553 586	2	3	3	2
		1997.. 1 716 218	644 539	518 034	553 645	1 657 028	630 254	492 956	533 818	X	X	X	X
331511	Iron foundries .....	2000.. 1 068 406	480 880	201 843	385 683	1 041 124	478 956	186 063	376 105	2	1	3	3
		1999.. 1 056 012	480 196	194 355	381 461	1 046 635	475 725	195 597	375 113	1	1	3	3
		1998.. 1 009 511	476 594	212 328	320 589	1 008 632	453 182	209 976	345 474	3	2	5	3
		1997.. 1 029 059	460 441	220 727	347 891	995 597	461 430	218 968	315 199	X	X	X	X
331512	Steel investment foundries .....	2000.. 299 467	55 336	159 787	84 344	305 863	57 773	162 468	85 621	2	5	2	3
		1999.. 305 053	57 475	162 353	85 225	310 847	50 979	174 160	85 708	1	3	2	3
		1998.. 289 910	61 733	150 775	77 403	297 521	48 919	164 966	83 636	5	26	5	2
		1997.. 299 118	49 418	164 751	84 949	276 155	39 256	145 256	91 643	X	X	X	X
331513	Steel foundries (except investment) .....	2000.. 440 895	154 423	139 560	146 911	422 644	148 738	132 229	141 677	4	5	9	3
		1999.. 430 388	150 750	136 017	143 620	406 235	138 693	127 571	139 970	3	2	7	2
		1998.. 409 235	140 492	135 826	132 918	396 848	133 953	138 419	124 476	1	2	1	1
		1997.. 388 041	134 680	132 556	120 805	385 276	129 568	128 732	126 976	X	X	X	X
33152	Nonferrous metal foundries ..	2000.. 1 079 382	312 627	398 753	368 002	1 048 587	300 415	381 715	366 456	2	3	4	3
		1999.. 1 087 069	319 261	389 581	378 227	1 031 626	285 529	367 853	378 245	2	3	4	3
		1998.. 1 121 980	283 311	439 068	399 601	1 055 004	291 530	383 779	379 695	5	2	10	3
		1997.. 1 053 557	292 258	383 053	378 246	1 002 024	276 142	378 353	347 529	X	X	X	X
331521	Aluminum die-casting foundries .....	2000.. 339 688	110 497	110 759	118 432	356 978	113 194	114 995	128 789	3	3	3	5
		1999.. 363 538	115 271	117 216	131 051	327 788	99 751	101 639	126 398	1	3	2	3
		1998.. 341 418	98 134	121 525	121 758	333 973	102 381	103 806	127 786	2	4	4	3
		1997.. 337 888	105 280	104 668	127 940	325 430	98 568	113 005	113 857	X	X	X	X
331522	Nonferrous (except aluminum) die-casting foundries .....	2000.. 189 877	65 187	64 030	60 660	178 186	62 513	62 060	53 614	4	8	5	5
		1999.. 189 646	74 579	60 213	54 854	185 307	70 187	58 835	56 285	3	5	6	5
		1998.. 196 714	62 920	70 856	62 938	193 090	65 243	65 008	62 839	4	5	8	7
		1997.. 184 669	62 459	62 720	59 490	185 472	63 448	63 704	58 320	X	X	X	X
331524	Aluminum foundries (except die-casting) .....	2000.. 340 291	91 595	123 792	124 904	320 226	83 876	112 864	123 486	4	6	5	6
		1999.. 336 559	87 557	119 721	129 281	320 088	75 758	116 463	127 867	3	6	4	6
		1998.. 312 475	71 595	109 934	130 946	308 137	71 494	121 685	114 957	1	2	3	3
		1997.. 303 416	69 709	120 155	113 552	291 423	70 223	115 366	105 834	X	X	X	X
331525	Copper foundries (except die-casting) .....	2000.. 89 866	27 329	33 131	29 406	86 057	25 569	32 147	28 341	15	13	26	15
		1999.. 88 366	26 596	32 532	29 237	81 614	24 230	28 715	28 670	13	14	21	12
		1998.. 94 628	27 895	29 265	37 468	93 041	28 744	31 096	33 201	3	11	6	6
		1997.. 91 235	27 788	30 352	33 095	85 447	26 575	26 655	32 217	X	X	X	X
331528	Other nonferrous foundries (except die-casting) .....	2000.. 119 660	18 019	67 041	34 600	107 139	15 264	59 648	32 226	10	11	17	6
		1999.. 108 961	15 257	59 900	33 804	116 828	15 602	62 202	39 025	10	14	16	7
		1998.. 176 746	22 768	107 488	46 491	126 763	23 667	62 184	40 912	29	4	40	19
		1997.. 136 349	27 022	65 158	44 169	114 252	17 328	59 623	37 301	X	X	X	X
332	Fabricated metal product mfg .....	2000.. 34 019 532	11 816 566	10 332 151	11 870 815	32 243 971	10 949 269	9 904 667	11 390 035	1	1	1	1
		1999.. 32 798 731	11 133 956	10 147 616	11 517 160	32 215 862	10 829 929	10 048 793	11 337 141	1	1	1	1
		1998.. 32 687 351	10 827 823	10 293 425	11 566 103	31 812 924	10 418 357	10 143 784	11 250 784	1	1	1	1
		1997.. 31 774 159	10 242 479	10 235 845	11 295 835	30 466 548	10 007 795	9 723 062	10 735 691	X	X	X	X
3321	Forging & stamping .....	2000.. 3 414 868	1 036 719	1 032 919	1 345 229	3 198 898	936 592	975 350	1 286 956	2	2	2	2
		1999.. 3 184 600	933 850	969 536	1 281 214	3 273 318	938 879	1 006 309	1 328 130	1	2	2	2
		1998.. 3 274 268	959 371	1 048 059	1 266 838	3 225 393	854 136	1 093 671	1 277 586	1	3	3	2
		1997.. 3 169 973	832 532	1 069 934	1 267 507	2 932 510	812 755	967 187	1 152 568	X	X	X	X
33211	Forging & stamping .....	2000.. 3 414 868	1 036 719	1 032 919	1 345 229	3 198 898	936 592	975 350	1 286 956	2	2	2	2
		1999.. 3 184 600	933 850	969 536	1 281 214	3 273 318	938 879	1 006 309	1 328 130	1	2	2	2
		1998.. 3 274 268	959 371	1 048 059	1 266 838	3 225 393	854 136	1 093 671	1 277 586	1	3	3	2
		1997.. 3 169 973	832 532	1 069 934	1 267 507	2 932 510	812 755	967 187	1 152 568	X	X	X	X
332111	Iron & steel forging .....	2000.. 735 289	139 578	307 758	287 954	724 601	143 178	290 551	290 872	2	4	2	4
		1999.. 718 897	141 512	287 840	289 544	770 588	137 873	331 509	301 206	2	5	2	4
		1998.. 826 358	178 396	341 341	306 621	800 568	114 441	368 150	317 977	2	14	7	3
		1997.. 782 661	109 772	365 433	307 456	683 131	103 923	334 979	244 229	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
332	Fabricated metal product mfg—Con.												
3321	Forging & stamping—Con.												
33211	Forging & stamping—Con.												
332112	Nonferrous forging .....	2000.. 324 724	57 647	138 550	128 527	324 464	57 803	129 530	137 131	3	12	8	4
		1999.. 327 607	58 317	131 194	138 096	319 668	53 400	136 053	130 215	3	9	7	3
		1998.. 307 005	37 296	176 574	93 135	312 043	36 345	178 799	96 899	1	1	1	1
		1997.. 312 283	36 031	177 552	98 700	278 422	41 326	162 407	74 689	X	X	X	X
332114	Custom roll forming .....	2000.. 506 611	153 247	108 317	245 047	459 280	139 248	106 157	213 874	2	3	5	3
		1999.. 461 314	141 878	103 802	215 634	518 808	160 102	101 027	257 678	2	3	6	4
		1998.. 486 027	159 489	96 527	230 011	503 148	156 504	115 276	231 367	6	2	12	9
		1997.. 478 923	141 356	103 376	234 191	423 284	134 598	76 065	212 621	X	X	X	X
332115	Crown & closure mfg .....	2000.. 124 261	53 610	17 398	117 073	52 610	21 628	42 835	4	1	12	5	
		1999.. 117 283	52 610	21 659	43 014	112 527	57 650	18 508	36 369	1	1	3	1
		1998.. 116 905	58 635	19 343	38 928	120 280	56 839	16 934	46 507	1	1	1	1
		1997.. 124 678	59 794	17 530	47 354	127 838	56 425	24 642	46 771	X	X	X	X
332116	Metal stamping .....	2000.. 1 538 072	570 623	381 416	586 033	1 389 870	497 867	340 739	551 263	3	3	4	3
		1999.. 1 377 876	494 814	338 886	544 177	1 351 379	474 358	326 920	550 102	2	3	3	2
		1998.. 1 381 810	483 967	343 570	554 274	1 335 227	452 170	344 650	538 407	1	2	2	2
		1997.. 1 317 042	448 501	335 772	532 769	1 272 233	435 776	318 046	518 411	X	X	X	X
332117	Powder metallurgy part mfg .....	2000.. 185 911	62 014	79 480	44 417	183 611	45 885	86 745	50 981	16	20	19	11
		1999.. 181 624	44 718	86 156	50 750	200 348	55 496	92 292	52 560	14	17	19	12
		1998.. 156 162	41 589	70 703	43 870	154 127	37 836	69 862	46 429	2	4	1	3
		1997.. 154 386	37 078	70 271	47 037	147 602	40 707	51 048	55 847	X	X	X	X
3322	Cutlery & handtool mfg .....	2000.. 2 016 068	884 193	586 462	545 412	2 029 044	888 197	597 498	543 349	1	2	1	2
		1999.. 2 024 682	886 162	590 765	547 754	2 004 309	875 850	571 877	556 582	1	1	2	3
		1998.. 1 941 885	741 418	652 011	548 456	1 931 140	844 347	578 087	508 705	5	10	8	3
		1997.. 1 921 594	833 214	575 339	513 041	1 875 297	841 757	537 938	495 602	X	X	X	X
33221	Cutlery & handtool mfg .....	2000.. 2 016 068	884 193	586 462	545 412	2 029 044	888 197	597 498	543 349	1	2	1	2
		1999.. 2 024 682	886 162	590 765	547 754	2 004 309	875 850	571 877	556 582	1	1	2	3
		1998.. 1 941 885	741 418	652 011	548 456	1 931 140	844 347	578 087	508 705	5	10	8	3
		1997.. 1 921 594	833 214	575 339	513 041	1 875 297	841 757	537 938	495 602	X	X	X	X
332211	Cutlery & flatware (except precious) mfg .....	2000.. 269 200	114 518	75 408	79 273	282 949	129 629	77 535	75 784	2	1	3	6
		1999.. 282 707	129 527	77 436	75 745	278 096	121 161	79 658	77 277	2	2	3	6
		1998.. 282 186	122 355	83 623	76 208	300 306	127 909	98 359	74 038	1	1	2	1
		1997.. 299 075	127 721	97 465	73 889	251 574	104 470	80 939	66 165	X	X	X	X
332212	Hand & edge tool mfg .....	2000.. 1 275 990	528 237	410 505	337 248	1 270 833	533 184	412 062	325 587	2	2	1	3
		1999.. 1 266 095	530 859	405 396	329 841	1 228 904	517 411	384 806	326 687	2	2	1	3
		1998.. 1 199 373	435 235	449 508	314 629	1 178 473	504 530	380 951	292 992	7	16	11	4
		1997.. 1 180 534	500 744	380 113	299 677	1 164 866	515 589	361 872	287 405	X	X	X	X
332213	Saw blade & handsaw mfg .....	2000.. 248 390	108 537	64 382	75 471	242 588	100 327	68 872	73 389	4	5	7	3
		1999.. 243 207	100 757	68 892	73 559	237 041	109 550	57 518	69 973	4	4	10	3
		1998.. 240 228	111 493	63 813	64 922	241 188	119 344	54 151	67 693	4	7	13	13
		1997.. 230 781	112 308	53 165	65 308	238 159	128 862	51 125	58 172	X	X	X	X
332214	Kitchen utensil, pot, & pan mfg .....	2000.. 222 489	132 902	36 167	53 420	232 674	125 057	39 028	68 589	3	6	4	11
		1999.. 232 672	125 019	39 042	68 610	260 268	127 728	49 896	82 645	6	4	4	14
		1998.. 220 097	72 335	55 066	92 697	211 172	92 565	44 626	73 981	6	33	3	13
		1997.. 211 204	92 441	44 596	74 167	220 698	92 836	44 002	83 860	X	X	X	X
3323	Architectural & structural metals mfg .....	2000.. 6 995 993	1 820 126	2 100 467	3 075 400	6 466 554	1 644 058	1 993 969	2 828 527	2	5	3	3
		1999.. 6 660 228	1 692 082	2 066 272	2 901 873	6 390 972	1 619 204	1 978 612	2 793 157	2	4	3	2
		1998.. 6 455 532	1 610 316	1 908 437	2 936 778	6 119 570	1 521 254	1 844 553	2 753 764	1	1	2	1
		1997.. 6 121 871	1 488 387	1 863 058	2 770 426	5 768 543	1 426 746	1 677 503	2 664 294	X	X	X	X
33231	Plate work & fabricated structural product mfg .....	2000.. 2 821 775	597 477	1 159 469	1 064 829	2 695 571	555 366	1 121 714	1 018 491	2	7	4	2
		1999.. 2 793 940	571 218	1 161 162	1 061 560	2 725 637	584 527	1 112 048	1 029 062	2	6	4	2
		1998.. 2 726 508	535 639	1 081 888	1 108 981	2 645 962	525 680	1 065 524	1 054 758	1	2	2	2
		1997.. 2 675 004	521 474	1 075 721	1 077 809	2 483 837	486 565	961 814	1 035 458	X	X	X	X
332311	Prefabricated metal building & component mfg .....	2000.. 403 868	92 815	72 872	238 181	414 504	93 031	77 844	243 629	4	5	7	5
		1999.. 420 651	92 809	80 209	247 633	424 989	90 727	86 160	248 102	4	7	7	5
		1998.. 405 831	85 660	73 528	246 643	380 808	82 476	63 522	234 810	4	7	9	6
		1997.. 395 227	83 865	67 396	243 966	373 941	71 729	59 942	242 270	X	X	X	X
332312	Fabricated structural metal mfg .....	2000.. 2 013 168	429 671	886 289	697 208	1 927 143	404 563	865 507	657 073	3	4	5	3
		1999.. 2 011 674	420 569	897 784	693 321	1 969 123	445 072	854 963	669 088	3	4	5	3
		1998.. 1 989 676	401 369	852 776	735 531	1 912 448	396 199	823 297	692 952	1	2	2	2
		1997.. 1 920 089	386 619	835 562	697 908	1 773 489	376 163	737 744	659 582	X	X	X	X
332313	Plate work mfg .....	2000.. 404 739	74 990	200 308	129 441	353 925	57 772	178 363	117 790	9	45	6	6
		1999.. 361 616	57 840	183 170	120 606	331 525	48 728	170 925	111 872	8	44	6	6
		1998.. 331 001	48 611	155 584	126 807	352 706	47 006	178 704	126 996	4	5	8	5
		1997.. 359 688	50 990	172 763	135 935	336 407	38 673	164 128	133 606	X	X	X	X
33232	Ornamental & architectural metal products mfg .....	2000.. 4 174 218	1 222 649	940 998	2 010 571	3 770 982	1 088 692	872 255	1 810 036	3	7	3	4
		1999.. 3 866 287	1 120 863	905 110	1 840 314	3 665 335	1 034 677	866 564	1 764 094	3	6	3	3
		1998.. 3 729 024	1 074 677	826 550	1 827 797	3 473 607	995 573	779 029	1 699 006	1	2	2	1
		1997.. 3 446 867	966 913	787 337	1 692 617	3 284 706	940 181	715 689	1 628 836	X	X	X	X
332321	Metal window & door mfg .....	2000.. 1 212 552	300 491	202 827	709 235	1 150 223	279 007	195 577	675 639	3	9	3	3
		1999.. 1 178 803	293 088	201 896	683 819	1 140 311	281 267	188 472	670 572	3	9	2	2
		1998.. 1 230 358	360 403	187 424	682 532	1 153 820	322 252	173 226	658 343	2	5	5	2
		1997.. 1 138 217	315 923	171 222	651 072	1 084 419	309 875	159 199	615 345	X	X	X	X
332322	Sheet metal work mfg .....	2000.. 2 327 438	693 571	586 181	1 047 686	2 035 317	600 654	535 301	899 362	6	12	3	8

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
332	Fabricated metal product mfg—Con.												
3323	Architectural & structural metals mfg—Con.												
33232	Ornamental & architectural metal products mfg—Con.												
332323	Ornamental & architectural metal work mfg .....	2000.. 634 228	228 587	151 990	253 650	585 442	209 030	141 377	235 035	5	7	10	7
		1999.. 614 333	214 054	151 556	248 724	585 942	199 193	150 682	236 067	6	8	11	8
		1998.. 553 468	193 660	112 472	247 336	502 891	178 272	108 244	216 375	2	2	5	2
		1997.. 500 660	179 509	106 917	214 234	495 739	179 671	102 333	213 735	X	X	X	X
3324	Boiler, tank, & shipping container mfg .....	2000.. 2 974 082	1 184 557	850 890	938 635	2 864 776	1 068 766	798 620	997 390	3	2	8	2
		1999.. 2 936 969	1 097 454	822 707	1 016 808	2 945 756	1 105 444	901 516	938 796	2	1	5	2
		1998.. 2 882 125	1 115 086	805 797	961 241	2 888 571	1 033 757	818 625	1 036 189	1	1	2	2
		1997.. 2 859 635	1 024 619	812 203	1 022 813	2 751 094	937 708	796 636	1 016 750	X	X	X	X
33241	Power boiler & heat exchanger mfg .....	2000.. 660 798	96 107	383 939	180 752	594 512	90 196	331 076	173 240	11	12	18	6
		1999.. 619 403	100 483	340 549	178 370	647 423	102 019	358 730	186 675	7	9	10	5
		1998.. 623 425	91 268	329 864	202 292	585 332	74 895	322 942	187 494	3	2	3	5
		1997.. 605 375	86 740	329 399	189 236	580 452	84 767	304 373	191 312	X	X	X	X
332410	Power boiler & heat exchanger mfg .....	2000.. 660 798	96 107	383 939	180 752	594 512	90 196	331 076	173 240	11	12	18	6
		1999.. 619 403	100 483	340 549	178 370	647 423	102 019	358 730	186 675	7	9	10	5
		1998.. 623 425	91 268	329 864	202 292	585 332	74 895	322 942	187 494	3	2	3	5
		1997.. 605 375	86 740	329 399	189 236	580 452	84 767	304 373	191 312	X	X	X	X
33242	Metal tank (heavy gauge) mfg .....	2000.. 595 950	135 127	226 237	234 586	599 422	120 887	228 613	249 922	2	6	4	4
		1999.. 628 857	126 522	242 311	260 025	700 816	126 823	293 359	280 635	2	5	3	4
		1998.. 655 269	117 380	246 989	290 900	639 124	110 593	248 483	280 048	3	8	6	3
		1997.. 631 781	115 304	251 237	265 240	616 604	101 657	253 215	261 732	X	X	X	X
332420	Metal tank (heavy gauge) mfg .....	2000.. 595 950	135 127	226 237	234 586	599 422	120 887	228 613	249 922	2	6	4	4
		1999.. 628 857	126 522	242 311	260 025	700 816	126 823	293 359	280 635	2	5	3	4
		1998.. 655 269	117 380	246 989	290 900	639 124	110 593	248 483	280 048	3	8	6	3
		1997.. 631 781	115 304	251 237	265 240	616 604	101 657	253 215	261 732	X	X	X	X
33243	Metal can, box, & other metal container (light gauge) mfg ..	2000.. 1 717 334	953 324	240 713	523 297	1 670 842	857 683	238 931	574 229	1	1	3	3
		1999.. 1 688 709	870 449	239 847	578 413	1 597 517	876 603	249 427	471 487	1	1	4	2
		1998.. 1 603 431	906 438	228 944	468 049	1 664 114	848 268	247 199	568 647	1	1	5	2
		1997.. 1 622 479	822 575	231 567	568 337	1 554 038	751 284	239 048	563 706	X	X	X	X
332431	Metal can mfg .....	2000.. 1 372 271	851 107	159 239	361 926	1 342 396	759 514	168 911	413 971	1	1	4	3
		1999.. 1 360 955	772 947	169 856	418 153	1 275 544	776 216	179 620	319 708	1	1	5	2
		1998.. 1 276 596	808 428	163 113	305 054	1 313 702	750 370	166 337	396 995	1	1	2	1
		1997.. 1 305 833	750 078	164 071	391 684	1 235 184	690 896	159 939	384 349	X	X	X	X
332439	Other metal container mfg ..	2000.. 345 062	102 217	81 474	161 371	328 446	98 168	70 020	160 258	4	5	4	6
		1999.. 327 754	97 503	69 991	160 260	321 973	100 387	69 807	151 779	3	3	4	5
		1998.. 326 835	98 010	65 831	162 995	350 412	97 899	80 862	171 651	5	3	16	7
		1997.. 316 646	72 497	67 496	176 653	318 854	60 388	79 109	179 357	X	X	X	X
3325	Hardware mfg .....	2000.. 1 444 108	531 756	413 184	499 169	1 384 818	486 987	410 970	486 861	3	4	3	3
		1999.. 1 387 544	488 783	431 823	466 938	1 280 322	427 612	398 952	453 758	2	3	3	2
		1998.. 1 349 563	455 683	427 399	466 482	1 298 035	422 970	440 973	434 092	1	2	2	1
		1997.. 1 318 965	426 678	450 842	441 445	1 259 066	403 396	435 082	420 588	X	X	X	X
33251	Hardware mfg .....	2000.. 1 444 108	531 756	413 184	499 169	1 384 818	486 987	410 970	486 861	3	4	3	3
		1999.. 1 387 544	488 783	431 823	466 938	1 280 322	427 612	398 952	453 758	2	3	3	2
		1998.. 1 349 563	455 683	427 399	466 482	1 298 035	422 970	440 973	434 092	1	2	2	1
		1997.. 1 318 965	426 678	450 842	441 445	1 259 066	403 396	435 082	420 588	X	X	X	X
332510	Hardware mfg .....	2000.. 1 444 108	531 756	413 184	499 169	1 384 818	486 987	410 970	486 861	3	4	3	3
		1999.. 1 387 544	488 783	431 823	466 938	1 280 322	427 612	398 952	453 758	2	3	3	2
		1998.. 1 349 563	455 683	427 399	466 482	1 298 035	422 970	440 973	434 092	1	2	2	1
		1997.. 1 318 965	426 678	450 842	441 445	1 259 066	403 396	435 082	420 588	X	X	X	X
3326	Spring & wire product mfg .....	2000.. 1 190 255	627 429	189 989	372 837	1 127 150	569 739	184 339	373 072	3	4	7	3
		1999.. 1 142 290	577 577	186 447	378 266	1 075 508	529 950	178 270	367 287	3	5	6	3
		1998.. 1 051 982	511 075	195 402	345 504	1 028 598	490 717	178 328	359 553	3	5	6	5
		1997.. 992 534	464 810	173 568	354 156	960 098	452 127	168 140	339 831	X	X	X	X
33261	Spring & wire product mfg ..	2000.. 1 190 255	627 429	189 989	372 837	1 127 150	569 739	184 339	373 072	3	4	7	3
		1999.. 1 142 290	577 577	186 447	378 266	1 075 508	529 950	178 270	367 287	3	5	6	3
		1998.. 1 051 982	511 075	195 402	345 504	1 028 598	490 717	178 328	359 553	3	5	6	5
		1997.. 992 534	464 810	173 568	354 156	960 098	452 127	168 140	339 831	X	X	X	X
332611	Spring (heavy gauge) mfg ..	2000.. 126 959	77 776	17 427	31 755	115 115	68 204	13 419	33 492	5	5	13	10
		1999.. 119 745	72 491	14 129	33 126	125 966	75 615	15 402	34 949	4	5	7	8
		1998.. 112 385	56 889	29 246	26 250	128 753	69 786	17 659	41 308	21	34	29	47
		1997.. 116 985	64 384	14 950	37 651	106 085	56 537	16 757	32 791	X	X	X	X
332612	Spring (light gauge) mfg ...	2000.. 261 973	141 386	33 651	86 936	233 886	117 520	31 099	85 267	5	5	19	3
		1999.. 233 877	117 697	31 119	85 060	223 796	109 792	29 111	84 893	6	6	20	3
		1998.. 240 458	127 505	38 806	74 147	226 238	114 228	35 284	76 726	5	6	10	6
		1997.. 204 743	107 234	31 494	66 015	202 411	108 508	28 174	65 735	X	X	X	X
332618	Other fabricated wire product mfg .....	2000.. 801 324	408 266	138 912	254 146	778 149	384 014	139 821	254 314	4	6	7	4
		1999.. 788 668	387 389	141 199	260 079	725 745	344 544	133 757	247 445	4	7	7	4
		1998.. 699 138	326 681	127 350	245 108	673 607	306 703	125 385	241 519	2	3	6	3
		1997.. 670 806	293 192	127 124	250 490	651 602	287 088	123 209	241 305	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—				
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D	
		A	B	C	D	E	F	G	H	A	B	C	D	
332	Fabricated metal product mfg—Con.													
3327	Machine shops, turned product, & screw, nut, & bolt mfg . . . . .	2000.. 5 564 156	1 789 315	2 386 912	1 387 929	5 279 729	1 692 757	2 271 971	1 315 001	2	3	3	3	
		1999.. 5 377 472	1 731 343	2 322 711	1 323 418	5 320 262	1 712 357	2 266 528	1 341 376	2	2	3	2	
		1998.. 5 260 293	1 605 039	2 321 421	1 333 832	5 057 252	1 522 020	2 300 300	1 234 931	2	3	3	3	
		1997.. 5 184 494	1 479 198	2 440 473	1 264 823	4 960 946	1 485 544	2 280 887	1 194 515	X	X	X	X	
33271	Machine shops . . . . .	2000.. 3 364 649	803 109	1 714 290	847 250	3 120 209	728 551	1 605 765	785 893	3	6	4	5	
		1999.. 3 195 249	755 425	1 648 755	791 069	3 123 916	750 223	1 578 922	794 771	3	5	3	4	
		1998.. 3 045 848	669 306	1 615 732	760 810	2 957 923	656 081	1 612 438	689 404	4	7	5	4	
		1997.. 3 081 347	599 006	1 750 973	731 368	2 923 676	601 940	1 657 032	664 704	X	X	X	X	
332710	Machine shops . . . . .	2000.. 3 364 649	803 109	1 714 290	847 250	3 120 209	728 551	1 605 765	785 893	3	6	4	5	
		1999.. 3 195 249	755 425	1 648 755	791 069	3 123 916	750 223	1 578 922	794 771	3	5	3	4	
		1998.. 3 045 848	669 306	1 615 732	760 810	2 957 923	656 081	1 612 438	689 404	4	7	5	4	
		1997.. 3 081 347	599 006	1 750 973	731 368	2 923 676	601 940	1 657 032	664 704	X	X	X	X	
33272	Turned product & screw, nut, & bolt mfg . . . . .	2000.. 2 199 507	986 206	672 622	540 679	2 159 520	964 206	666 206	529 108	2	2	5	2	
		1999.. 2 182 224	975 919	673 956	532 350	2 196 346	962 134	687 607	546 605	2	2	4	2	
		1998.. 2 214 444	935 732	705 690	573 022	2 099 329	865 939	687 862	545 527	2	2	2	3	
		1997.. 2 103 147	880 192	689 500	533 455	2 037 270	883 604	623 855	529 811	X	X	X	X	
332721	Precision turned product mfg . . . . .	2000.. 934 491	354 619	339 393	240 479	891 407	337 939	324 915	228 554	3	4	4	4	
		1999.. 898 736	337 781	329 798	231 157	900 321	336 138	328 693	235 490	3	4	4	3	
		1998.. 903 915	319 221	334 304	250 390	870 346	297 354	330 552	242 441	3	6	3	5	
		1997.. 869 853	303 791	324 804	241 258	820 506	289 763	303 787	226 956	X	X	X	X	
332722	Bolt, nut, screw, rivet, & washer mfg . . . . .	2000.. 1 265 016	631 587	333 229	300 200	1 268 113	626 267	341 291	300 554	3	2	8	2	
		1999.. 1 283 488	638 137	344 157	301 193	1 296 025	625 996	358 913	311 115	3	2	8	2	
		1998.. 1 310 529	616 511	371 386	322 632	1 228 982	568 585	357 311	303 086	1	1	1	3	
		1997.. 1 233 294	576 401	364 696	292 197	1 216 764	593 841	320 068	302 855	X	X	X	X	
3328	Coating, engraving, heat treating, & allied activities . . . . .	2000.. 1 820 019	614 131	356 816	849 072	1 781 982	590 954	351 524	839 504	2	2	5	2	
		1999.. 1 799 663	592 993	356 388	850 282	1 699 262	530 105	335 102	834 056	2	2	4	2	
		1998.. 1 683 910	549 590	328 060	806 259	1 660 825	523 042	323 046	814 737	1	2	1	1	
		1997.. 1 674 769	524 057	330 063	820 649	1 555 739	544 890	312 652	698 197	X	X	X	X	
33281	Coating, engraving, heat treating, & allied activities . . . . .	2000.. 1 820 019	614 131	356 816	849 072	1 781 982	590 954	351 524	839 504	2	2	5	2	
		1999.. 1 799 663	592 993	356 388	850 282	1 699 262	530 105	335 102	834 056	2	2	4	2	
		1998.. 1 683 910	549 590	328 060	806 259	1 660 825	523 042	323 046	814 737	1	2	1	1	
		1997.. 1 674 769	524 057	330 063	820 649	1 555 739	544 890	312 652	698 197	X	X	X	X	
332811	Metal heat treating . . . . .	2000.. 484 416	104 023	123 627	256 767	469 461	104 525	111 911	253 025	4	5	9	4	
		1999.. 472 578	108 480	110 961	253 136	445 665	97 661	114 511	233 493	4	5	6	4	
		1998.. 449 318	128 583	123 829	196 906	448 744	128 565	121 230	198 949	2	6	3	4	
		1997.. 455 939	123 286	123 340	209 313	393 452	123 602	106 704	163 146	X	X	X	X	
332812	Metal coating/engraving (exc jewelry/silverware)/allied services . . . . .	2000.. 966 738	400 222	174 549	391 967	953 016	381 323	179 768	391 925	3	2	7	4	
		1999.. 969 129	383 487	185 400	400 241	906 245	334 203	161 351	410 691	2	2	5	5	
		1998.. 884 802	325 742	151 646	407 415	870 668	301 355	150 905	418 408	1	1	1	2	
		1997.. 871 382	307 288	155 654	408 440	827 694	320 008	149 347	358 339	X	X	X	X	
332813	Electroplating, plating, polishing, anodizing, & coloring . . . . .	2000.. 368 864	109 887	58 641	200 337	359 505	105 106	59 845	194 553	3	5	9	2	
		1999.. 357 957	101 026	60 027	196 905	347 353	98 241	59 240	189 872	3	6	11	2	
		1998.. 349 790	95 266	52 585	201 939	341 413	93 122	50 910	197 381	2	3	4	1	
		1997.. 347 448	93 483	51 069	202 896	334 593	101 280	56 601	176 712	X	X	X	X	
3329	Other fabricated metal product mfg . . . . .	2000.. 8 599 983	3 328 340	2 414 512	2 857 131	8 111 020	3 071 219	2 320 426	2 719 375	1	1	2	2	
		1999.. 8 285 283	3 133 711	2 400 967	2 750 605	8 226 153	3 090 528	2 411 627	2 723 998	1	1	2	2	
		1998.. 8 787 795	3 280 244	2 606 839	2 900 712	8 603 541	3 206 114	2 566 201	2 831 225	1	2	1	1	
		1997.. 8 530 324	3 168 984	2 520 365	2 840 975	8 403 255	3 102 872	2 547 037	2 753 346	X	X	X	X	
33291	Metal valve mfg . . . . .	2000.. 4 275 843	1 814 958	1 045 582	1 415 303	4 032 669	1 676 293	1 007 376	1 349 000	2	2	2	4	
		1999.. 4 088 968	1 705 188	1 023 561	1 360 220	4 055 461	1 658 760	1 032 646	1 364 054	2	2	2	4	
		1998.. 4 313 157	1 785 191	1 122 708	1 405 257	4 288 511	1 731 804	1 125 297	1 431 411	1	2	3	2	
		1997.. 4 291 706	1 740 011	1 117 786	1 433 909	4 191 357	1 727 174	1 153 800	1 310 383	X	X	X	X	
332911	Industrial valve mfg . . . . .	2000.. 2 013 328	708 163	560 875	744 289	1 921 164	671 576	534 945	714 643	3	2	3	7	
		1999.. 1 965 030	698 429	540 403	726 198	1 957 552	692 894	539 797	724 862	3	2	4	7	
		1998.. 1 981 659	735 063	550 250	696 347	2 037 854	744 384	564 810	728 661	2	1	4	3	
		1997.. 1 976 473	717 743	542 395	716 335	1 945 750	723 820	605 165	616 765	X	X	X	X	
332912	Fluid power valve & hose fitting mfg . . . . .	2000.. 1 215 356	597 551	274 194	343 612	1 156 343	557 222	275 249	323 872	2	2	4	4	
		1999.. 1 192 502	570 505	290 338	331 659	1 163 425	543 256	301 095	319 074	2	2	3	3	
		1998.. 1 301 355	560 633	340 800	399 923	1 238 718	527 864	328 054	382 800	1	2	3	4	
		1997.. 1 244 206	528 190	330 743	385 273	1 218 108	541 377	319 752	356 979	X	X	X	X	
332913	Plumbing fixture fitting & trim mfg . . . . .	2000.. 529 786	240 062	116 574	173 149	485 556	210 966	107 833	166 757	5	10	5	3	
		1999.. 472 421	205 307	104 950	162 164	472 478	196 893	102 593	172 992	5	11	5	4	
		1998.. 528 680	213 927	119 580	195 173	550 693	240 725	131 490	178 479	8	14	2	7	
		1997.. 565 001	249 158	133 473	182 370	535 426	229 067	125 725	180 634	X	X	X	X	
332919	Other metal valve & pipe fitting mfg . . . . .	2000.. 517 374	269 182	93 939	154 253	469 606	236 529	89 349	143 728	4	5	9	5	
		1999.. 459 015	230 946	87 870	140 199	462 005	225 717	89 161	147 126	4	5	8	6	
		1998.. 501 462	275 568	112 078	113 815	461 246	218 831	100 944	141 472	6	11	14	17	
		1997.. 506 026	244 920	111 175	149 931	492 073	232 910	103 158	156 005	X	X	X	X	

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
332	Fabricated metal product mfg—Con.												
3329	Other fabricated metal product mfg—Con.												
33299	All other fabricated metal product mfg .....	2000.. 4 324 139	1 513 382	1 368 930	1 441 828	4 078 350	1 394 926	1 313 050	1 370 374	1	2	3	1
		1999.. 4 196 315	1 428 524	1 377 406	1 390 385	4 170 693	1 431 768	1 378 981	1 359 944	1	2	3	1
		1998.. 4 474 638	1 495 053	1 484 130	1 495 455	4 315 030	1 474 311	1 440 905	1 399 815	1	2	2	1
		1997.. 4 238 618	1 428 973	1 402 579	1 407 066	4 211 898	1 375 698	1 393 237	1 442 963	X	X	X	X
332991	Ball & roller bearing mfg. ....	2000.. 1 029 919	410 071	347 100	272 748	997 305	397 297	328 355	271 653	1	3	4	2
		1999.. 1 025 709	412 517	340 001	273 191	1 045 545	415 065	338 674	291 806	1	2	4	2
		1998.. 1 040 837	393 323	363 661	283 853	1 003 497	351 765	360 714	291 018	1	1	1	1
		1997.. 960 594	316 998	356 275	287 321	963 018	302 232	358 469	302 317	X	X	X	X
332992	Small arms ammunition mfg .....	2000.. 215 434	115 738	45 959	53 737	188 276	86 556	47 318	54 401	1	1	1	1
		1999.. 190 620	86 605	48 581	55 435	203 168	96 487	52 486	54 196	1	1	1	1
		1998.. 220 406	97 288	52 394	70 723	231 002	113 481	52 719	64 802	1	1	1	1
		1997.. 228 253	113 706	49 911	64 636	227 368	106 372	49 135	71 861	X	X	X	X
332993	Ammunition (except small arms) mfg .....	2000.. 105 578	7 782	90 236	7 560	122 661	7 761	105 541	9 358	8	10	10	14
		1999.. 122 175	7 488	105 546	9 142	109 050	8 336	92 754	7 960	7	5	9	10
		1998.. 130 160	10 767	106 528	12 865	155 588	7 450	134 979	13 159	1	5	1	2
		1997.. 152 453	7 706	131 418	13 329	178 931	9 828	155 306	13 797	X	X	X	X
332994	Small arms mfg .....	2000.. 369 262	130 926	103 414	134 922	329 243	114 483	97 054	117 707	3	4	4	3
		1999.. 333 664	116 247	98 425	118 991	347 468	142 296	87 040	118 132	3	4	4	3
		1998.. 363 942	149 109	108 192	106 641	355 232	146 768	107 278	101 186	1	2	1	1
		1997.. 353 368	146 458	106 062	100 848	374 150	149 714	120 000	104 436	X	X	X	X
332995	Other ordnance & accessories mfg .....	2000.. 215 368	5 235	196 962	13 171	206 297	5 592	185 549	15 156	2	6	1	7
		1999.. 238 178	5 472	217 608	15 099	257 119	5 731	233 988	17 400	1	5	1	6
		1998.. 255 574	5 113	212 758	37 702	270 442	62 022	166 347	42 073	1	1	1	1
		1997.. 263 626	61 715	160 208	41 703	252 891	61 762	146 470	44 659	X	X	X	X
332996	Fabricated pipe & pipe fitting mfg .....	2000.. 632 195	243 914	106 977	281 304	598 700	233 515	102 870	262 315	4	6	20	4
		1999.. 612 480	242 342	105 587	264 551	596 899	232 505	110 207	254 187	4	8	22	4
		1998.. 687 073	234 731	159 314	293 028	667 799	238 731	160 816	268 252	3	3	5	5
		1997.. 660 167	228 957	161 454	269 756	648 591	213 217	152 004	283 370	X	X	X	X
332997	Industrial pattern mfg .....	2000.. 41 422	1 064	32 023	8 334	42 988	1 762	33 892	7 334	13	A	8	20
		1999.. 42 752	1 311	33 466	7 975	43 759	1 531	34 289	7 939	12	A	6	21
		1998.. 67 477	13 681	42 702	11 095	50 498	5 661	34 079	10 758	25	A	16	11
		1997.. 50 712	6 215	34 154	10 343	50 612	7 392	32 972	10 248	X	X	X	X
332998	Enameled iron & metal sanitary ware mfg .....	2000.. 227 638	74 106	77 199	76 333	213 401	66 187	66 307	80 907	2	3	1	4
		1999.. 203 323	61 833	64 588	76 906	195 132	61 244	57 089	76 999	3	3	2	4
		1998.. 246 702	90 917	71 547	84 238	241 203	89 611	70 784	80 808	1	1	1	1
		1997.. 246 147	91 083	72 389	82 675	229 942	86 310	60 618	83 014	X	X	X	X
332999	All other miscellaneous fabricated metal product mfg .....	2000.. 1 487 323	524 546	369 060	593 718	1 379 479	481 772	346 164	551 543	3	3	7	2
		1999.. 1 427 414	494 709	363 605	569 099	1 372 552	468 574	372 454	531 524	2	3	7	2
		1998.. 1 462 466	500 124	367 034	595 309	1 339 769	458 822	353 188	527 759	3	4	6	2
		1997.. 1 323 298	456 135	330 708	536 455	1 286 395	438 871	318 263	529 261	X	X	X	X
333	Machinery mfg .....	2000.. 48 745 200	16 336 329	15 720 587	16 688 284	45 798 151	15 383 750	15 226 116	15 188 286	1	1	2	1
		1999.. 46 048 260	15 443 492	15 091 546	15 513 222	45 727 407	15 250 691	15 502 081	14 974 635	1	1	1	1
		1998.. 45 550 863	14 875 350	15 217 032	15 458 481	43 945 989	13 890 647	15 508 798	14 546 544	1	1	1	1
		1997.. 44 490 878	14 131 366	15 492 272	14 867 240	43 073 890	13 537 137	15 547 728	13 989 025	X	X	X	X
3331	Agriculture, construction, & mining machinery mfg .....	2000.. 9 483 848	4 407 291	2 125 989	2 950 568	9 314 720	4 415 460	2 104 902	2 794 357	2	2	3	3
		1999.. 9 406 076	4 503 610	2 141 343	2 761 123	9 696 703	4 480 829	2 428 803	2 787 071	1	2	3	3
		1998.. 9 721 847	4 445 617	2 325 436	2 950 795	9 106 928	4 015 305	2 166 983	2 924 640	1	1	1	2
		1997.. 9 219 850	4 024 394	2 132 568	3 062 888	8 605 853	3 573 585	2 296 756	2 735 512	X	X	X	X
33311	Agricultural implement mfg ..	2000.. 3 487 780	1 848 884	630 855	1 008 041	3 430 658	1 889 166	594 197	947 294	2	3	4	6
		1999.. 3 405 176	1 875 566	620 049	909 561	3 439 813	1 835 919	690 775	913 119	2	3	4	4
		1998.. 3 556 279	1 795 437	745 457	1 015 386	3 444 703	1 727 714	719 706	997 283	1	2	1	1
		1997.. 3 434 388	1 717 230	723 902	993 256	3 151 016	1 555 865	713 975	881 176	X	X	X	X
333111	Farm machinery & equipment mfg .....	2000.. 2 236 178	986 586	515 737	733 856	2 127 108	964 310	472 493	690 305	4	6	4	8
		1999.. 2 085 667	949 013	498 351	638 302	2 241 803	1 013 304	562 069	666 431	3	5	5	6
		1998.. 2 346 990	989 219	596 315	761 456	2 285 633	975 135	598 183	712 315	2	3	2	2
		1997.. 2 277 103	964 146	602 038	710 919	2 071 759	885 146	582 521	604 092	X	X	X	X
333112	Lawn & garden tractor & home lawn & garden equipment mfg .....	2000.. 1 251 602	862 299	115 118	274 185	1 303 550	924 856	121 704	256 990	1	1	3	1
		1999.. 1 319 509	926 552	121 698	271 259	1 198 010	822 615	128 706	246 689	1	1	1	1
		1998.. 1 209 289	806 218	149 142	253 930	1 159 070	752 579	121 523	284 968	1	2	2	2
		1997.. 1 157 285	753 084	121 864	282 337	1 079 257	670 719	131 454	277 084	X	X	X	X
33312	Construction machinery mfg ..	2000.. 3 874 811	1 386 311	1 022 331	1 466 169	3 803 127	1 346 184	1 083 059	1 373 884	3	3	5	5
		1999.. 3 838 685	1 365 777	1 085 799	1 387 109	3 796 929	1 224 715	1 223 488	1 348 726	3	3	5	5
		1998.. 3 745 141	1 276 707	1 098 134	1 370 300	3 447 707	1 067 074	989 717	1 390 917	2	4	1	3
		1997.. 3 536 421	1 037 067	943 955	1 555 399	3 466 499	965 815	1 169 441	1 331 243	X	X	X	X
333120	Construction machinery mfg .....	2000.. 3 874 811	1 386 311	1 022 331	1 466 169	3 803 127	1 346 184	1 083 059	1 373 884	3	3	5	5
		1999.. 3 838 685	1 365 777	1 085 799	1 387 109	3 796 929	1 224 715	1 223 488	1 348 726	3	3	5	5
		1998.. 3 745 141	1 276 707	1 098 134	1 370 300	3 447 707	1 067 074	989 717	1 390 917	2	4	1	3
		1997.. 3 536 421	1 037 067	943 955	1 555 399	3 466 499	965 815	1 169 441	1 331 243	X	X	X	X

See footnotes at end of table.



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
333	Machinery mfg—Con.												
3331	Agriculture, construction, & mining machinery mfg—Con.												
33313	Mining & oil & gas field machinery mfg.....	2 121 257	1 172 096	472 804	476 358	2 080 935	1 180 110	427 646	473 179	3	4	7	5
	1999..	2 162 215	1 262 267	435 495	464 453	2 459 960	1 420 195	514 539	525 226	3	5	8	4
	1998..	2 420 426	1 373 473	481 845	565 109	2 214 518	1 220 518	457 560	536 440	2	2	5	3
	1997..	2 249 041	1 270 097	464 711	514 233	1 988 338	1 051 905	413 340	523 093	X	X	X	X
333131	Mining machinery & equipment mfg.....	491 812	284 540	99 859	107 413	529 013	342 729	88 614	97 670	4	9	3	9
	1999..	555 178	352 507	93 085	109 586	556 594	340 213	109 274	107 107	5	10	3	8
	1998..	674 855	355 595	158 773	160 488	640 801	342 803	135 941	162 057	3	3	3	8
	1997..	603 700	333 802	128 761	141 137	576 850	313 663	120 927	142 260	X	X	X	X
333132	Oil & gas field machinery & equipment mfg.....	1 629 446	887 556	372 945	368 944	1 551 922	837 381	339 032	375 509	3	4	8	5
	1999..	1 607 038	909 761	342 410	354 867	1 903 367	1 079 983	405 265	418 119	4	5	10	5
	1998..	1 745 571	1 017 878	323 072	404 621	1 573 717	877 715	321 619	374 383	2	2	7	2
	1997..	1 645 341	936 295	335 950	373 096	1 411 488	738 242	292 413	380 833	X	X	X	X
3332	Industrial machinery mfg.....	8 865 736	2 333 773	3 026 767	3 505 196	7 259 936	2 009 631	2 600 317	2 649 987	2	3	3	2
	1999..	7 393 515	2 041 998	2 630 513	2 721 004	7 159 354	1 898 641	2 434 856	2 825 857	1	3	2	2
	1998..	6 897 040	1 651 741	2 343 348	2 901 950	2 901 950	1 712 752	2 631 347	2 809 050	2	3	3	2
	1997..	7 203 355	1 767 048	2 614 034	2 822 273	6 646 241	1 638 088	2 464 408	2 543 745	X	X	X	X
33321	Sawmill & woodworking machinery mfg.....	200 348	71 789	61 786	66 773	192 324	60 101	67 486	64 737	4	7	7	9
	1999..	196 896	62 774	70 700	63 423	194 068	64 368	64 796	64 905	5	8	6	8
	1998..	211 113	80 880	69 654	60 579	191 806	72 771	67 824	51 211	11	24	11	5
	1997..	185 042	66 731	66 790	51 521	180 589	68 126	68 067	44 396	X	X	X	X
333210	Sawmill & woodworking machinery mfg.....	200 348	71 789	61 786	66 773	192 324	60 101	67 486	64 737	4	7	7	9
	1999..	196 896	62 774	70 700	63 423	194 068	64 368	64 796	64 905	5	8	6	8
	1998..	211 113	80 880	69 654	60 579	191 806	72 771	67 824	51 211	11	24	11	5
	1997..	185 042	66 731	66 790	51 521	180 589	68 126	68 067	44 396	X	X	X	X
33322	Plastics & rubber industry machinery mfg.....	734 048	260 478	257 738	215 832	628 023	225 490	216 103	186 430	5	3	8	7
	1999..	627 970	217 895	207 627	202 448	596 419	214 116	205 063	177 240	3	2	5	5
	1998..	614 909	207 237	217 712	189 959	672 993	221 111	243 502	208 380	7	2	14	6
	1997..	665 562	224 121	245 944	195 497	622 511	203 421	234 508	184 582	X	X	X	X
333220	Plastics & rubber industry machinery mfg.....	734 048	260 478	257 738	215 832	628 023	225 490	216 103	186 430	5	3	8	7
	1999..	627 970	217 895	207 627	202 448	596 419	214 116	205 063	177 240	3	2	5	5
	1998..	614 909	207 237	217 712	189 959	672 993	221 111	243 502	208 380	7	2	14	6
	1997..	665 562	224 121	245 944	195 497	622 511	203 421	234 508	184 582	X	X	X	X
33329	Other industrial machinery mfg.....	7 931 340	2 001 506	2 707 243	3 222 591	6 439 589	1 724 040	2 316 728	2 398 820	2	4	3	2
	1999..	6 568 648	1 761 329	2 352 187	2 455 133	6 368 866	1 620 158	2 164 997	2 583 712	2	4	2	2
	1998..	6 071 018	1 363 623	2 055 982	2 651 412	6 288 350	1 418 870	2 320 022	2 549 459	2	3	3	2
	1997..	6 352 751	1 476 196	2 301 300	2 575 255	5 843 141	1 366 541	2 161 833	2 314 767	X	X	X	X
333291	Paper industry machinery mfg.....	604 596	169 865	275 678	159 053	591 082	158 714	269 236	163 132	4	5	4	11
	1999..	587 255	162 093	257 959	167 202	645 649	162 316	293 044	190 289	3	4	3	8
	1998..	669 883	156 981	307 862	205 039	637 695	149 043	304 438	184 214	3	1	3	8
	1997..	636 338	145 610	303 959	186 769	585 265	132 586	264 154	188 525	X	X	X	X
333292	Textile machinery mfg.....	356 240	124 773	122 986	158 481	373 654	122 234	90 639	186 720	7	20	15	7
	1999..	381 138	121 817	92 860	166 461	384 604	124 047	92 209	168 348	5	19	12	7
	1998..	371 072	106 845	95 372	168 855	375 527	112 704	98 997	163 826	2	3	3	3
	1997..	372 056	111 925	95 795	164 336	361 479	112 380	92 546	156 553	X	X	X	X
333293	Printing machinery & equipment mfg.....	825 338	176 117	306 438	342 784	777 108	154 346	274 409	348 353	2	7	2	3
	1999..	812 706	164 029	273 674	375 003	892 116	188 674	287 200	416 242	1	7	2	3
	1998..	801 046	165 736	269 033	366 277	746 396	160 776	292 365	293 794	8	16	9	9
	1997..	866 136	204 272	314 151	347 713	820 595	200 621	305 561	314 413	X	X	X	X
333294	Food product machinery mfg.....	512 137	187 348	111 930	212 859	529 083	194 744	124 396	209 942	6	4	12	9
	1999..	540 278	199 534	125 047	215 696	533 185	191 951	123 793	217 441	5	4	9	9
	1998..	539 546	190 249	128 424	220 873	543 227	183 810	135 539	223 877	2	2	5	5
	1997..	547 299	185 915	134 485	226 899	542 297	176 914	129 232	236 151	X	X	X	X
333295	Semiconductor machinery mfg.....	3 732 779	695 517	1 299 318	1 737 944	2 315 830	445 316	912 059	958 455	3	1	5	3
	1999..	2 359 241	448 321	937 519	973 401	2 092 427	313 093	751 006	1 028 328	2	4	3	2
	1998..	2 150 910	319 129	763 396	1 068 385	2 343 087	342 851	941 109	1 059 127	3	4	4	3
	1997..	2 248 527	334 487	890 451	1 023 589	1 843 296	283 388	735 400	824 508	X	X	X	X
333298	All other industrial machinery mfg.....	1 900 251	647 887	640 892	611 472	1 852 833	648 685	645 989	558 159	5	11	3	6
	1999..	1 888 030	665 534	665 127	557 369	1 820 886	640 076	617 745	563 066	4	9	3	5
	1998..	1 538 562	424 684	491 895	621 983	1 641 879	469 685	547 573	624 620	5	7	12	4
	1997..	1 682 395	493 987	562 459	625 949	1 690 209	460 652	634 940	594 617	X	X	X	X
3333	Commercial & service industry machinery mfg.....	4 075 723	1 309 488	892 448	1 873 787	3 873 351	1 215 074	954 896	1 703 381	4	2	14	3
	1999..	4 028 667	1 181 867	1 050 114	1 796 687	4 263 084	1 223 784	1 265 333	1 773 967	4	3	11	3
	1998..	4 099 646	1 246 665	1 031 176	1 821 805	3 533 229	1 088 923	941 149	1 503 157	3	4	5	5
	1997..	3 967 193	1 160 448	1 158 362	1 648 383	3 819 549	1 142 361	1 241 097	1 436 091	X	X	X	X
33331	Commercial & service industry machinery mfg.....	4 075 723	1 309 488	892 448	1 873 787	3 873 351	1 215 074	954 896	1 703 381	4	2	14	3
	1999..	4 028 667	1 181 867	1 050 114	1 796 687	4 263 084	1 223 784	1 265 333	1 773 967	4	3	11	3
	1998..	4 099 646	1 246 665	1 031 176	1 821 805	3 533 229	1 088 923	941 149	1 503 157	3	4	5	5
	1997..	3 967 193	1 160 448	1 158 362	1 648 383	3 819 549	1 142 361	1 241 097	1 436 091	X	X	X	X
333311	Automatic vending machine mfg.....	173 013	67 341	20 605	85 066	191 098	73 426	21 442	96 230	9	9	14	24
	1999..	193 191	74 684	21 565	96 943	183 246	65 308	25 436	92 503	9	6	7	21
	1998..	180 813	79 042	26 287	75 485	163 939	70 933	22 694	70 311	4	3	4	6
	1997..	168 095	71 842	23 437	72 816	171 679	68 332	32 237	71 110	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
333	Machinery mfg—Con.												
3333	Commercial & service industry machinery mfg—Con.												
33331	Commercial & service industry machinery mfg—Con.												
333312	Commercial laundry, drycleaning, & pressing machine mfg .....	2000.. 114 995	47 573	19 078	48 344	115 697	46 812	19 039	49 846	6	5	8	9
		1999.. 115 256	46 901	18 454	49 902	127 508	51 808	21 686	54 013	6	7	7	9
		1998.. 117 587	34 472	24 069	59 046	115 755	32 739	27 423	55 593	1	1	1	1
		1997.. 116 102	32 755	27 593	55 754	118 682	25 403	34 752	58 527	X	X	X	X
333313	Office machinery mfg .....	2000.. 656 948	283 267	82 345	291 336	556 064	222 899	115 249	217 915	22	6	A	14
		1999.. 626 940	217 528	167 176	242 236	854 204	193 253	433 101	227 849	22	6	69	18
		1998.. 693 641	222 967	206 475	264 199	632 187	212 526	199 820	219 841	1	1	1	1
		1997.. 787 074	276 055	233 728	277 291	714 876	254 266	269 273	191 337	X	X	X	X
333314	Optical instrument & lens mfg .....	2000.. 542 379	156 340	165 012	221 027	473 905	142 182	153 029	178 694	11	8	21	16
		1999.. 567 654	143 296	204 385	219 973	532 525	135 140	180 653	216 731	5	7	12	9
		1998.. 674 414	180 314	189 275	304 824	502 182	131 301	206 335	164 547	19	22	24	27
		1997.. 538 883	130 471	229 632	178 780	477 914	115 560	219 637	142 717	X	X	X	X
333315	Photographic & photocopying equipment mfg .....	2000.. 869 570	255 817	174 815	438 939	856 737	253 811	201 890	401 036	3	2	7	4
		1999.. 855 048	251 145	201 341	402 562	934 480	257 713	233 423	443 344	3	2	2	4
		1998.. 910 306	260 497	226 442	423 367	829 893	236 798	206 765	386 330	1	1	2	1
		1997.. 813 468	232 243	196 668	384 557	808 490	266 392	199 937	342 161	X	X	X	X
333319	Other commercial & service industry machinery mfg .....	2000.. 1 718 818	499 150	430 594	789 075	1 679 851	475 944	444 246	759 661	2	4	3	3
		1999.. 1 670 578	448 312	437 194	785 071	1 631 122	520 561	371 034	739 526	2	6	2	3
		1998.. 1 522 885	469 373	358 629	694 883	1 289 273	404 626	278 112	606 535	2	4	5	3
		1997.. 1 543 571	417 082	447 304	679 185	1 527 908	412 408	485 261	630 239	X	X	X	X
3334	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 4 174 996	1 749 199	827 559	1 598 238	3 965 115	1 654 116	786 558	1 524 440	1	2	3	2
		1999.. 4 017 527	1 689 457	804 741	1 523 329	3 755 792	1 535 282	783 797	1 436 713	1	1	3	2
		1998.. 3 647 916	1 334 638	789 137	1 524 142	3 551 106	1 325 749	792 115	1 433 241	2	3	2	2
		1997.. 3 624 879	1 331 121	803 225	1 490 533	3 691 196	1 475 747	822 176	1 393 273	X	X	X	X
33341	Ventilation, heating, AC, & commercial refrigeration equip mfg .....	2000.. 4 174 996	1 749 199	827 559	1 598 238	3 965 115	1 654 116	786 558	1 524 440	1	2	3	2
		1999.. 4 017 527	1 689 457	804 741	1 523 329	3 755 792	1 535 282	783 797	1 436 713	1	1	3	2
		1998.. 3 647 916	1 334 638	789 137	1 524 142	3 551 106	1 325 749	792 115	1 433 241	2	3	2	2
		1997.. 3 624 879	1 331 121	803 225	1 490 533	3 691 196	1 475 747	822 176	1 393 273	X	X	X	X
333411	Air purification equipment mfg .....	2000.. 251 758	60 742	63 898	127 118	212 245	51 576	54 077	106 592	6	4	21	4
		1999.. 224 538	56 144	57 423	110 971	215 153	59 940	47 013	108 199	5	5	16	4
		1998.. 264 102	75 127	62 214	126 761	241 205	63 567	61 891	115 747	7	12	8	7
		1997.. 254 712	64 931	66 601	123 180	255 787	66 110	76 602	113 075	X	X	X	X
333412	Industrial & commercial fan & blower mfg .....	2000.. 239 272	42 677	52 828	143 766	226 940	42 299	58 974	125 667	5	16	4	5
		1999.. 213 891	37 814	61 002	115 075	212 192	36 975	64 750	110 467	3	13	3	4
		1998.. 214 934	26 823	64 457	123 653	205 406	36 256	66 700	102 449	3	40	19	15
		1997.. 219 085	43 978	51 815	123 292	209 769	38 938	58 544	112 287	X	X	X	X
333414	Heating equipment (except warm air furnaces) mfg ...	2000.. 668 442	256 435	134 783	277 224	610 747	222 359	129 559	258 828	5	7	9	5
		1999.. 629 636	233 381	131 678	264 578	600 463	213 263	128 182	259 018	4	6	9	5
		1998.. 531 059	169 896	106 969	254 195	569 330	206 053	105 423	257 854	11	24	7	5
		1997.. 571 687	205 599	108 583	257 505	530 964	201 928	101 387	227 649	X	X	X	X
333415	AC & warm air heating & commercial/industrial refrig equip mfg .....	2000.. 3 015 524	1 389 344	576 050	1 050 130	2 915 183	1 337 882	543 948	1 033 353	2	1	3	3
		1999.. 2 949 462	1 362 119	554 638	1 032 705	2 727 984	1 225 104	543 851	959 028	1	1	3	3
		1998.. 2 637 821	1 062 792	555 496	1 019 533	2 535 165	1 019 873	558 102	957 191	1	1	1	2
		1997.. 2 579 395	1 016 613	576 226	986 556	2 694 676	1 168 771	585 643	940 262	X	X	X	X
3335	Metalworking machinery mfg ...	2000.. 5 453 753	1 442 230	2 916 045	1 095 478	5 537 489	1 407 060	3 030 409	1 100 019	2	3	2	2
		1999.. 5 464 190	1 415 189	2 931 814	1 117 186	5 574 888	1 507 123	2 968 936	1 098 829	1	2	2	2
		1998.. 5 642 240	1 584 455	2 947 400	1 110 385	5 676 006	1 358 334	3 287 600	1 030 072	1	2	2	2
		1997.. 5 486 531	1 398 474	3 046 561	1 041 496	5 372 873	1 222 262	3 004 439	1 146 172	X	X	X	X
33351	Metalworking machinery mfg .....	2000.. 5 453 753	1 442 230	2 916 045	1 095 478	5 537 489	1 407 060	3 030 409	1 100 019	2	3	2	2
		1999.. 5 464 190	1 415 189	2 931 814	1 117 186	5 574 888	1 507 123	2 968 936	1 098 829	1	2	2	2
		1998.. 5 642 240	1 584 455	2 947 400	1 110 385	5 676 006	1 358 334	3 287 600	1 030 072	1	2	2	2
		1997.. 5 486 531	1 398 474	3 046 561	1 041 496	5 372 873	1 222 262	3 004 439	1 146 172	X	X	X	X
333511	Industrial mold mfg .....	2000.. 607 651	103 103	397 664	106 884	624 058	114 764	405 758	103 536	5	6	5	7
		1999.. 631 352	111 048	413 994	106 310	571 854	114 886	362 559	94 409	5	7	6	8
		1998.. 585 585	118 106	364 701	102 778	569 529	77 222	387 102	105 206	3	9	3	7
		1997.. 565 536	79 102	390 752	95 682	567 127	79 965	379 873	107 289	X	X	X	X
333512	Machine tool (metal cutting types) mfg .....	2000.. 1 312 049	291 870	749 047	271 132	1 328 923	305 248	757 175	266 500	3	6	3	5
		1999.. 1 361 488	327 315	752 519	281 655	1 407 441	406 557	718 931	281 953	2	4	3	5
		1998.. 1 427 166	503 333	676 660	247 173	1 468 456	449 039	761 831	257 586	3	4	5	7
		1997.. 1 514 147	461 344	781 193	271 610	1 445 460	346 597	747 373	351 490	X	X	X	X
333513	Machine tool (metal forming types) mfg .....	2000.. 565 859	154 879	289 848	121 132	571 307	109 882	327 595	133 831	3	4	5	3
		1999.. 551 364	109 073	313 905	128 386	565 800	112 679	327 392	125 729	3	5	3	3
		1998.. 644 454	143 129	368 210	133 115	525 183	107 541	318 866	98 776	3	5	3	4
		1997.. 542 639	125 332	313 357	103 950	537 614	116 970	325 535	95 109	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
333	Machinery mfg—Con.												
3335	Metalworking machinery mfg—Con.												
33351	Metalworking machinery mfg—Con.												
333514	Special die & tool, die set, jig, & fixture mfg .....	2000.. 1 103 067	281 891	641 479	179 698	1 128 819	290 106	662 911	175 802	4	8	6	6
		1999.. 1 115 213	285 138	653 866	176 209	1 123 794	287 149	656 731	179 913	4	7	6	5
		1998.. 1 102 859	216 750	686 517	199 592	1 100 451	184 493	725 773	190 186	2	4	2	6
		1997.. 1 113 851	192 354	732 638	188 559	1 071 541	184 032	658 841	228 668	X	X	X	X
333515	Cutting tool & machine tool accessory mfg .....	2000.. 1 003 597	487 201	277 392	239 003	958 709	455 817	267 545	235 347	3	3	4	4
		1999.. 947 338	449 475	268 237	229 627	947 360	446 825	278 512	222 022	3	3	4	4
		1998.. 997 799	475 913	302 276	219 611	906 722	401 856	293 949	210 916	2	3	3	2
		1997.. 908 871	403 910	293 521	211 440	883 659	376 725	280 060	226 874	X	X	X	X
333516	Rolling mill machinery & equipment mfg .....	2000.. 135 933	10 235	62 137	63 560	131 243	10 655	56 209	64 379	7	15	16	4
		1999.. 130 634	10 411	56 236	63 986	140 465	11 014	62 977	66 474	4	14	12	2
		1998.. 164 408	12 965	87 504	63 940	177 420	17 403	122 286	37 731	4	11	8	3
		1997.. 178 736	17 657	121 716	39 363	167 611	17 418	134 993	15 200	X	X	X	X
333518	Other metalworking machinery mfg .....	2000.. 725 596	113 049	498 478	114 069	794 429	120 589	553 217	120 623	7	16	9	8
		1999.. 726 801	122 730	473 057	131 014	818 175	128 012	561 835	128 328	3	11	4	6
		1998.. 719 969	114 260	461 533	144 176	928 246	120 780	677 794	129 672	4	6	6	5
		1997.. 662 751	118 775	413 384	130 592	699 861	100 555	477 764	121 542	X	X	X	X
3336	Engine, turbine, & power transmission equipment mfg ...	2000.. 5 124 319	1 189 721	2 388 360	1 546 238	4 776 283	1 090 245	2 185 351	1 500 686	2	4	1	2
		1999.. 4 927 203	1 085 212	2 182 774	1 659 218	4 554 142	1 064 332	2 061 285	1 428 525	1	3	1	1
		1998.. 4 814 023	1 177 176	2 367 355	1 269 492	4 515 391	1 173 967	2 237 580	1 103 844	1	1	1	3
		1997.. 4 447 245	1 147 022	2 221 179	1 079 044	4 767 014	1 365 026	2 251 185	1 150 803	X	X	X	X
33361	Engine, turbine, & power transmission equipment mfg .....	2000.. 5 124 319	1 189 721	2 388 360	1 546 238	4 776 283	1 090 245	2 185 351	1 500 686	2	4	1	2
		1999.. 4 927 203	1 085 212	2 182 774	1 659 218	4 554 142	1 064 332	2 061 285	1 428 525	1	3	1	1
		1998.. 4 814 023	1 177 176	2 367 355	1 269 492	4 515 391	1 173 967	2 237 580	1 103 844	1	1	1	3
		1997.. 4 447 245	1 147 022	2 221 179	1 079 044	4 767 014	1 365 026	2 251 185	1 150 803	X	X	X	X
333611	Turbine & turbine generator set unit mfg ....	2000.. 1 605 301	40 484	1 165 754	399 062	1 473 561	55 479	1 059 232	358 849	2	39	2	1
		1999.. 1 653 376	56 942	1 052 530	543 904	1 372 866	78 336	943 875	350 656	1	24	2	1
		1998.. 1 642 113	140 638	1 235 243	266 232	1 634 542	175 937	1 147 719	310 885	1	2	1	1
		1997.. 1 631 307	176 115	1 145 348	309 844	1 837 866	309 317	1 158 599	369 950	X	X	X	X
333612	Speed changer, industrial high-speed drive, & gear mfg .....	2000.. 500 636	190 109	135 445	175 083	485 057	193 269	131 993	159 795	5	6	8	7
		1999.. 484 700	192 543	137 454	154 702	537 259	204 292	165 098	167 870	4	5	7	5
		1998.. 536 916	222 140	171 782	142 994	495 940	205 956	163 178	126 806	2	2	5	6
		1997.. 468 133	207 689	148 272	112 172	456 702	198 309	151 124	107 269	X	X	X	X
333613	Mechanical power transmission equipment mfg .....	2000.. 761 493	347 307	236 574	177 612	739 727	326 746	233 083	179 898	3	5	6	7
		1999.. 729 650	325 340	232 047	172 263	759 820	318 669	239 905	201 246	3	4	7	8
		1998.. 750 322	351 171	235 270	163 881	729 616	341 415	230 174	158 027	2	1	2	8
		1997.. 733 969	329 820	237 097	167 052	698 643	315 401	228 552	154 690	X	X	X	X
333618	Other engine equipment mfg .....	2000.. 2 256 889	611 821	850 587	794 481	2 077 939	514 751	761 044	802 144	3	6	2	4
		1999.. 2 059 477	510 387	760 743	788 347	1 884 197	463 036	712 408	708 753	1	4	1	2
		1998.. 1 884 672	463 227	725 059	696 386	1 655 294	450 660	696 509	508 125	2	2	1	4
		1997.. 1 613 836	433 398	690 462	489 976	1 773 803	541 999	712 910	518 894	X	X	X	X
3339	Other general-purpose machinery mfg .....	2000.. 11 566 825	3 904 627	3 543 418	4 118 779	11 071 258	3 592 163	3 563 681	3 915 414	2	2	6	1
		1999.. 10 811 082	3 526 160	3 350 247	3 934 675	10 723 445	3 540 700	3 559 072	3 623 673	1	1	2	1
		1998.. 10 728 151	3 435 059	3 413 181	3 879 911	10 410 179	3 215 617	3 452 022	3 742 540	1	3	2	2
		1997.. 10 541 825	3 302 859	3 516 343	3 722 623	10 171 164	3 120 068	3 467 667	3 583 429	X	X	X	X
33391	Pump & compressor mfg .....	2000.. 2 932 178	1 154 271	880 969	896 938	2 829 059	1 057 537	905 855	865 667	7	4	23	3
		1999.. 2 614 162	1 036 970	710 791	866 401	2 716 520	1 084 312	795 377	836 831	2	2	3	3
		1998.. 2 744 517	1 017 638	834 900	891 979	2 787 867	1 039 758	833 081	915 028	3	8	3	7
		1997.. 2 738 881	1 034 401	833 246	871 234	2 636 148	1 020 471	769 796	845 881	X	X	X	X
333911	Pump & pumping equipment mfg .....	2000.. 1 459 399	631 342	311 025	517 032	1 351 643	586 865	297 652	467 125	3	7	7	5
		1999.. 1 361 229	566 499	323 377	471 353	1 396 329	576 751	361 322	458 256	3	4	7	5
		1998.. 1 467 694	590 974	408 166	468 554	1 473 589	545 656	375 291	552 641	3	3	3	11
		1997.. 1 426 641	535 968	373 753	516 920	1 383 859	535 971	359 382	488 506	X	X	X	X
333912	Air & gas compressor mfg ..	2000.. 1 305 108	473 084	530 126	301 898	1 294 296	418 739	562 773	312 785	15	4	38	5
		1999.. 1 060 439	412 509	339 030	308 900	1 153 408	455 890	391 519	305 999	2	2	2	4
		1998.. 1 120 252	381 132	386 390	352 729	1 146 067	440 810	412 251	293 005	5	20	4	11
		1997.. 1 145 082	445 012	413 384	286 686	1 084 183	429 921	360 474	293 788	X	X	X	X
333913	Measuring & dispensing pump mfg .....	2000.. 167 671	49 845	39 818	78 008	183 120	51 933	45 429	85 758	1	5	2	4
		1999.. 192 494	57 962	48 384	86 148	166 783	51 671	42 536	72 576	1	3	2	3
		1998.. 156 572	45 532	40 344	70 696	168 212	53 291	45 539	69 382	1	8	1	2
		1997.. 167 158	53 421	46 109	67 628	168 106	54 579	49 940	63 587	X	X	X	X
33392	Material handling equipment mfg .....	2000.. 2 872 483	727 902	819 439	1 325 141	2 731 379	673 152	808 446	1 249 781	3	3	3	3
		1999.. 2 658 384	675 727	736 159	1 246 498	2 474 238	697 409	784 109	992 720	3	3	4	4
		1998.. 2 379 395	653 071	611 966	1 114 357	2 230 570	559 438	646 783	1 024 349	3	5	10	2
		1997.. 2 249 939	581 868	645 344	1 022 727	2 175 828	493 632	647 254	1 034 942	X	X	X	X
333921	Elevator & moving stairway mfg .....	2000.. 204 049	35 679	78 612	89 758	213 218	44 852	78 778	89 588	4	5	6	5
		1999.. 204 183	43 561	76 980	83 642	204 678	35 636	91 392	77 650	8	15	5	7
		1998.. 199 979	35 053	86 329	78 597	201 022	36 115	86 799	78 108	3	13	7	8
		1997.. 201 583	35 914	85 073	80 596	185 465	36 812	77 920	70 733	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
333	Machinery mfg—Con.												
3339	Other general-purpose machinery mfg—Con.												
33392	Material handling equipment mfg—Con.												
333922	Conveyor & conveying equipment mfg.....	2000.. 865 991	216 137	290 403	359 451	871 105	215 463	322 527	333 115	8	6	8	10
		1999.. 801 719	212 936	267 706	321 076	805 290	235 250	274 075	295 965	8	6	9	11
		1998.. 666 227	204 792	153 888	307 547	642 396	152 401	220 754	269 241	10	13	37	3
		1997.. 695 525	162 837	232 468	300 220	660 905	152 555	233 567	274 783	X	X	X	X
333923	Overhead traveling crane, hoist, & monorail system mfg .....	2000.. 788 069	238 647	294 709	254 713	713 015	227 572	255 279	230 163	2	3	4	6
		1999.. 712 016	234 281	238 722	239 013	688 413	201 155	255 077	232 181	3	3	4	7
		1998.. 622 774	170 575	203 858	248 341	536 056	148 348	170 231	217 477	4	10	10	2
		1997.. 559 839	167 268	158 998	233 573	525 581	124 839	174 642	226 100	X	X	X	X
333924	Industrial truck, tractor, trailer, & stacker machinery mfg .....	2000.. 1 014 374	237 439	155 716	621 219	934 042	185 265	151 861	596 915	2	4	4	3
		1999.. 940 466	184 949	152 752	602 766	775 857	225 368	163 565	386 923	3	4	4	4
		1998.. 890 414	242 650	167 892	479 872	851 096	222 574	168 999	459 522	3	3	3	4
		1997.. 792 992	215 849	168 805	408 338	803 877	179 426	161 125	463 326	X	X	X	X
33399	All other general-purpose machinery mfg .....	2000.. 5 762 164	2 022 454	1 843 010	1 896 700	5 510 820	1 861 474	1 849 381	1 799 965	1	2	3	2
		1999.. 5 538 535	1 813 462	1 903 297	1 821 776	5 532 686	1 758 978	1 979 586	1 794 122	1	2	3	2
		1998.. 5 604 239	1 764 350	1 966 315	1 873 575	5 391 742	1 616 421	1 972 158	1 803 163	1	2	1	1
		1997.. 5 553 005	1 686 590	2 037 753	1 828 662	5 359 188	1 605 965	2 050 617	1 702 606	X	X	X	X
333991	Power-driven handtool mfg .....	2000.. 535 825	328 583	100 337	106 905	475 791	254 040	98 576	123 174	3	4	2	9
		1999.. 473 488	256 934	98 246	118 309	455 529	262 121	94 239	99 168	2	5	2	5
		1998.. 484 360	285 157	101 431	97 773	424 978	238 274	100 536	86 167	1	1	1	1
		1997.. 425 780	237 823	99 267	88 690	414 395	202 271	100 314	111 810	X	X	X	X
333992	Welding & soldering equipment mfg .....	2000.. 752 676	306 720	249 859	196 097	769 163	301 050	263 639	204 474	5	2	14	3
		1999.. 731 388	271 137	263 185	197 066	760 083	260 831	312 392	186 861	7	2	18	2
		1998.. 688 157	264 678	217 230	206 248	719 203	265 769	249 538	203 897	2	1	8	1
		1997.. 810 035	283 840	301 482	224 713	759 359	244 048	305 886	209 425	X	X	X	X
333993	Packaging machinery mfg ..	2000.. 985 119	337 395	295 643	352 082	959 940	311 106	305 226	343 608	3	6	7	4
		1999.. 1 012 282	328 692	322 929	360 661	994 624	312 760	306 405	375 459	2	6	6	3
		1998.. 1 022 399	295 389	346 602	380 409	1 044 521	301 493	367 389	375 639	3	4	4	3
		1997.. 1 060 658	295 265	373 297	392 096	1 097 834	313 966	432 551	351 317	X	X	X	X
333994	Industrial process furnace & oven mfg .....	2000.. 393 477	51 095	152 986	189 397	375 030	52 554	153 650	168 826	7	11	9	8
		1999.. 395 992	54 451	165 743	175 799	437 957	55 884	192 968	189 105	7	9	13	8
		1998.. 457 533	58 829	191 943	206 761	416 854	50 435	176 060	190 359	5	4	8	5
		1997.. 478 085	64 405	196 827	216 853	449 748	50 189	200 458	199 100	X	X	X	X
333995	Fluid power cylinder & actuator mfg .....	2000.. 698 381	149 030	335 428	213 922	698 007	152 199	335 742	210 067	2	6	2	3
		1999.. 703 796	153 059	340 099	210 638	727 715	133 441	377 184	217 090	2	6	1	3
		1998.. 780 640	177 294	376 211	227 135	699 407	133 229	334 408	231 770	3	13	1	4
		1997.. 686 309	132 922	328 730	224 657	648 504	142 202	307 391	198 911	X	X	X	X
333996	Fluid power pump & motor mfg .....	2000.. 516 348	183 604	182 321	150 422	461 765	167 938	165 674	128 153	2	3	3	1
		1999.. 462 933	166 178	170 079	126 677	488 215	171 849	184 451	131 916	2	3	3	4
		1998.. 498 635	171 816	189 102	137 716	484 202	163 027	191 033	130 142	1	1	1	1
		1997.. 474 054	162 015	184 602	127 437	454 535	145 427	202 524	106 584	X	X	X	X
333997	Scale & balance (except laboratory) mfg .....	2000.. 110 491	39 537	24 836	46 118	105 119	39 131	24 398	41 591	7	13	16	9
		1999.. 106 510	39 758	24 710	42 042	98 844	36 220	25 628	36 996	6	11	16	9
		1998.. 105 945	27 533	36 437	41 974	101 253	30 729	29 000	41 523	5	7	16	5
		1997.. 104 879	29 103	31 288	44 488	115 258	32 301	34 886	48 071	X	X	X	X
333999	All other miscellaneous general-purpose machinery mfg .....	2000.. 1 769 847	626 489	501 600	641 758	1 666 004	583 456	502 476	580 072	3	5	6	3
		1999.. 1 652 146	543 254	518 308	590 584	1 569 719	525 873	486 319	557 528	3	5	6	3
		1998.. 1 566 570	483 653	507 359	575 558	1 501 325	433 464	524 194	543 667	2	2	2	3
		1997.. 1 513 205	481 217	522 260	509 728	1 419 555	475 561	466 607	477 387	X	X	X	X
334	Computer & electronic product mfg .....	2000.. 63 285 841	14 481 496	22 122 943	26 681 402	53 429 486	12 817 467	19 924 940	20 687 079	1	2	1	1
		1999.. 52 839 376	13 000 601	18 736 531	21 102 244	50 065 968	12 220 334	19 389 759	18 455 875	1	1	1	1
		1998.. 52 341 015	12 960 411	20 385 542	18 995 061	53 302 955	12 113 576	21 214 996	19 974 383	1	1	1	1
		1997.. 53 045 620	12 346 594	20 837 795	19 861 231	50 060 531	11 385 088	20 675 702	17 999 741	X	X	X	X
3341	Computer & peripheral equipment mfg .....	2000.. 8 352 242	1 903 435	2 146 801	4 302 007	7 799 348	1 927 845	2 322 197	3 549 305	1	2	1	2
		1999.. 7 962 608	1 998 379	2 266 623	3 697 606	8 017 399	2 243 712	2 423 667	3 350 021	1	1	1	2
		1998.. 8 966 336	2 475 725	2 874 284	3 616 327	10 197 891	2 625 388	3 288 565	4 283 939	3	6	1	3
		1997.. 10 289 536	2 826 421	3 298 968	4 164 147	9 775 066	2 676 998	3 334 106	3 763 962	X	X	X	X
33411	Computer & peripheral equipment mfg .....	2000.. 8 352 242	1 903 435	2 146 801	4 302 007	7 799 348	1 927 845	2 322 197	3 549 305	1	2	1	2
		1999.. 7 962 608	1 998 379	2 266 623	3 697 606	8 017 399	2 243 712	2 423 667	3 350 021	1	1	1	2
		1998.. 8 966 336	2 475 725	2 874 284	3 616 327	10 197 891	2 625 388	3 288 565	4 283 939	3	6	1	3
		1997.. 10 289 536	2 826 421	3 298 968	4 164 147	9 775 066	2 676 998	3 334 106	3 763 962	X	X	X	X
334111	Electronic computer mfg ..	2000.. 3 688 812	457 391	727 348	2 504 074	3 404 589	531 900	967 019	1 905 670	1	1	1	1
		1999.. 3 407 861	537 968	913 836	1 956 057	3 767 256	901 808	981 433	1 884 015	1	1	1	1
		1998.. 4 297 194	1 003 928	1 304 883	1 988 383	5 400 087	1 293 320	1 569 992	2 586 775	1	1	1	1
		1997.. 5 429 431	1 444 237	1 605 954	2 379 240	5 464 035	1 597 498	1 622 823	2 243 714	X	X	X	X
334112	Computer storage device mfg .....	2000.. 1 705 434	572 792	729 919	402 723	1 488 373	490 517	649 888	347 968	2	1	2	5
		1999.. 1 536 814	527 678	652 500	356 637	1 419 034	344 591	736 386	338 058	1	1	1	2
		1998.. 1 513 312	361 373	776 859	375 080	1 679 987	396 614	757 504	525 870	1	1	1	1
		1997.. 1 726 798	414 858	756 895	555 045	1 571 237	335 927	767 935	467 375	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
334	Computer & electronic product mfg—Con.												
3341	Computer & peripheral equipment mfg—Con.												
33411	Computer & peripheral equipment mfg—Con.												
334113	Computer terminal mfg . . . . .	2000.. 134 129	26 028	27 776	80 325	123 844	37 927	27 379	58 538	27	12	7	42
		1999.. 136 181	40 850	30 838	64 494	152 960	42 538	41 191	69 230	10	7	7	17
		1998.. 175 235	57 129	36 678	81 428	171 904	56 086	34 250	81 568	2	2	2	3
		1997.. 199 589	62 393	44 244	92 952	206 383	69 582	50 266	86 535	X	X	X	X
334119	Other computer peripheral equipment mfg . . . . .	2000.. 2 823 867	847 225	661 758	1 314 885	2 782 541	867 501	677 911	1 237 129	3	5	4	5
		1999.. 2 881 751	891 882	669 449	1 320 419	2 678 150	954 775	664 656	1 058 719	2	3	3	4
		1998.. 2 980 596	1 053 296	755 865	1 171 435	2 945 914	879 368	926 819	1 139 727	8	14	3	8
		1997.. 2 933 718	904 933	891 875	1 136 910	2 533 411	673 991	893 082	966 338	X	X	X	X
3342	Communications equipment mfg . . . . .	2000.. 16 728 040	4 661 168	5 448 127	6 618 745	13 238 714	3 476 947	4 507 173	5 254 594	2	3	2	3
		1999.. 12 202 365	3 593 253	3 345 120	5 263 992	11 490 989	3 003 027	4 254 028	4 233 933	2	3	2	3
		1998.. 11 651 676	3 200 576	4 255 975	4 195 126	11 400 699	2 811 307	3 796 555	4 792 838	1	1	1	1
		1997.. 11 751 968	3 164 337	3 800 397	4 787 234	10 188 790	2 678 925	3 330 306	4 179 559	X	X	X	X
33421	Telephone apparatus mfg . . . . .	2000.. 7 352 189	2 494 384	1 880 537	2 977 268	5 478 351	1 740 223	1 456 308	2 281 820	4	5	4	5
		1999.. 5 701 440	1 849 669	1 479 370	2 372 400	4 952 759	1 555 770	1 571 610	1 825 379	4	4	4	6
		1998.. 4 957 284	1 679 019	1 551 942	1 726 322	4 287 530	1 320 034	1 220 400	1 747 097	1	1	1	1
		1997.. 4 450 224	1 361 356	1 256 781	1 832 087	4 112 997	1 103 794	1 277 424	1 731 779	X	X	X	X
334210	Telephone apparatus mfg . . . . .	2000.. 7 352 189	2 494 384	1 880 537	2 977 268	5 478 351	1 740 223	1 456 308	2 281 820	4	5	4	5
		1999.. 5 701 440	1 849 669	1 479 370	2 372 400	4 952 759	1 555 770	1 571 610	1 825 379	4	4	4	6
		1998.. 4 957 284	1 679 019	1 551 942	1 726 322	4 287 530	1 320 034	1 220 400	1 747 097	1	1	1	1
		1997.. 4 450 224	1 361 356	1 256 781	1 832 087	4 112 997	1 103 794	1 277 424	1 731 779	X	X	X	X
33422	Radio & TV broadcasting & wireless communications equipment mfg . . . . .	2000.. 8 697 289	1 936 371	3 461 176	3 299 742	7 102 500	1 513 777	2 931 439	2 657 284	2	4	2	4
		1999.. 5 825 418	1 521 501	1 750 339	2 553 578	5 920 567	1 252 917	2 572 075	2 095 575	2	3	3	3
		1998.. 6 084 480	1 340 876	2 603 714	2 139 890	6 481 537	1 307 011	2 463 151	2 711 376	1	1	1	1
		1997.. 6 631 252	1 609 095	2 419 861	2 602 296	5 462 266	1 359 884	1 946 295	2 156 087	X	X	X	X
334220	Radio & TV broadcasting & wireless communications equipment mfg . . . . .	2000.. 8 697 289	1 936 371	3 461 176	3 299 742	7 102 500	1 513 777	2 931 439	2 657 284	2	4	2	4
		1999.. 5 825 418	1 521 501	1 750 339	2 553 578	5 920 567	1 252 917	2 572 075	2 095 575	2	3	3	3
		1998.. 6 084 480	1 340 876	2 603 714	2 139 890	6 481 537	1 307 011	2 463 151	2 711 376	1	1	1	1
		1997.. 6 631 252	1 609 095	2 419 861	2 602 296	5 462 266	1 359 884	1 946 295	2 156 087	X	X	X	X
33429	Other communications equipment mfg . . . . .	2000.. 678 562	230 413	106 414	341 735	657 863	222 948	119 425	315 491	3	6	10	4
		1999.. 675 508	222 083	115 411	338 014	617 663	194 341	110 343	312 979	2	4	4	3
		1998.. 609 912	180 680	100 319	328 913	631 632	184 263	113 004	334 365	2	3	4	2
		1997.. 670 492	193 886	123 755	352 851	613 527	215 247	106 587	291 693	X	X	X	X
334290	Other communications equipment mfg . . . . .	2000.. 678 562	230 413	106 414	341 735	657 863	222 948	119 425	315 491	3	6	10	4
		1999.. 675 508	222 083	115 411	338 014	617 663	194 341	110 343	312 979	2	4	4	3
		1998.. 609 912	180 680	100 319	328 913	631 632	184 263	113 004	334 365	2	3	4	2
		1997.. 670 492	193 886	123 755	352 851	613 527	215 247	106 587	291 693	X	X	X	X
3343	Audio & video equipment mfg . . . . .	2000.. 1 143 210	423 535	170 491	549 185	911 856	315 254	127 664	468 938	11	27	11	6
		1999.. 966 315	331 351	138 408	496 556	825 133	278 158	104 804	442 171	7	17	5	5
		1998.. 845 652	262 065	133 977	449 609	806 088	247 274	153 220	405 594	3	6	10	4
		1997.. 807 991	253 928	157 658	396 405	915 036	272 612	167 266	475 158	X	X	X	X
33431	Audio & video equipment mfg . . . . .	2000.. 1 143 210	423 535	170 491	549 185	911 856	315 254	127 664	468 938	11	27	11	6
		1999.. 966 315	331 351	138 408	496 556	825 133	278 158	104 804	442 171	7	17	5	5
		1998.. 845 652	262 065	133 977	449 609	806 088	247 274	153 220	405 594	3	6	10	4
		1997.. 807 991	253 928	157 658	396 405	915 036	272 612	167 266	475 158	X	X	X	X
334310	Audio & video equipment mfg . . . . .	2000.. 1 143 210	423 535	170 491	549 185	911 856	315 254	127 664	468 938	11	27	11	6
		1999.. 966 315	331 351	138 408	496 556	825 133	278 158	104 804	442 171	7	17	5	5
		1998.. 845 652	262 065	133 977	449 609	806 088	247 274	153 220	405 594	3	6	10	4
		1997.. 807 991	253 928	157 658	396 405	915 036	272 612	167 266	475 158	X	X	X	X
3344	Semiconductor & other electronic component mfg . . . . .	2000.. 19 727 815	3 583 181	7 610 415	8 534 219	15 164 209	3 490 545	6 132 374	5 541 290	2	3	2	2
		1999.. 15 377 751	3 467 514	6 210 213	5 700 024	13 671 841	3 112 740	5 794 632	4 764 469	2	4	2	3
		1998.. 14 005 407	3 279 563	5 923 413	4 802 431	14 433 813	2 976 965	6 532 154	4 924 693	1	1	1	1
		1997.. 13 974 081	2 782 513	6 225 176	4 966 392	13 093 702	2 558 014	5 995 652	4 540 036	X	X	X	X
33441	Semiconductor & other electronic component mfg . . . . .	2000.. 19 727 815	3 583 181	7 610 415	8 534 219	15 164 209	3 490 545	6 132 374	5 541 290	2	3	2	2
		1999.. 15 377 751	3 467 514	6 210 213	5 700 024	13 671 841	3 112 740	5 794 632	4 764 469	2	4	2	3
		1998.. 14 005 407	3 279 563	5 923 413	4 802 431	14 433 813	2 976 965	6 532 154	4 924 693	1	1	1	1
		1997.. 13 974 081	2 782 513	6 225 176	4 966 392	13 093 702	2 558 014	5 995 652	4 540 036	X	X	X	X
334411	Electron tube mfg . . . . .	2000.. 520 513	251 315	131 414	137 784	516 820	210 411	147 688	158 721	1	1	1	1
		1999.. 540 247	215 864	162 809	161 574	513 403	172 880	171 767	168 756	1	1	1	1
		1998.. 517 767	194 329	148 490	174 948	536 389	181 682	171 131	183 576	1	1	1	1
		1997.. 547 074	178 965	181 597	186 512	483 165	159 978	148 550	174 637	X	X	X	X
334412	Bare printed circuit board mfg . . . . .	2000.. 1 478 951	264 901	538 565	675 486	1 091 551	246 629	384 060	460 861	6	9	9	5
		1999.. 1 104 885	250 090	390 591	464 204	889 564	183 691	337 775	368 099	6	11	8	6
		1998.. 798 052	163 992	313 999	320 061	726 566	109 529	313 018	304 019	2	1	2	4
		1997.. 703 527	117 732	292 425	293 370	619 393	87 659	280 457	251 277	X	X	X	X
334413	Semiconductor & related device mfg . . . . .	2000.. 7 762 856	1 784 041	4 309 001	1 669 814	6 483 028	1 641 547	3 607 740	1 233 742	3	6	2	7
		1999.. 6 581 358	1 577 889	3 650 169	1 353 300	6 132 514	1 496 172	3 461 134	1 175 207	3	8	2	8
		1998.. 6 190 223	1 525 910	3 548 479	1 115 834	6 289 680	1 520 564	3 518 321	1 250 796	1	2	1	2
		1997.. 5 748 975	1 321 919	3 270 305	1 156 751	4 923 118	1 085 446	2 795 953	1 041 719	X	X	X	X
334414	Electronic capacitor mfg . . . . .	2000.. 485 932	131 041	115 158	239 733	373 283	110 821	91 514	170 948	2	2	4	4
		1999.. 371 235	110 915	89 913	170 407	375 236	124 808	93 066	157 362	3	4	6	

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
334	Computer & electronic product mfg—Con.												
3344	Semiconductor & other electronic component mfg—Con.												
33441	Semiconductor & other electronic component mfg—Con.												
334415	Electronic resistor mfg . . . . .	2000.. 197 556	80 095	58 446	59 015	167 101	65 127	55 244	46 730	2	1	3	5
		1999.. 176 997	68 714	57 805	50 478	171 285	65 290	56 562	49 432	2	2	2	5
		1998.. 177 330	67 078	52 491	57 761	172 876	65 305	54 818	52 753	3	5	1	3
		1997.. 182 292	71 325	54 880	56 087	199 692	84 120	58 237	57 335	X	X	X	X
334416	Electronic coil, transformer, & other inductor mfg . . . . .	2000.. 213 955	63 256	38 286	112 413	177 277	47 429	30 925	98 922	5	13	6	5
		1999.. 177 012	47 153	31 096	98 763	178 687	42 540	33 147	103 000	3	6	7	4
		1998.. 211 052	50 893	45 128	115 030	194 045	48 680	41 753	103 611	2	6	4	2
		1997.. 185 051	46 710	39 168	99 173	185 536	44 925	38 853	101 758	X	X	X	X
334417	Electronic connector mfg . . . . .	2000.. 736 086	149 254	265 534	321 298	631 812	161 311	223 607	246 893	4	10	5	7
		1999.. 653 441	170 816	226 720	255 904	635 766	160 254	241 940	233 571	5	9	9	4
		1998.. 716 438	199 373	258 479	258 586	703 451	191 945	264 833	246 673	1	3	3	2
		1997.. 731 479	194 516	291 655	245 308	724 203	204 550	277 224	242 429	X	X	X	X
334418	Printed circuit assembly (electronic assembly) mfg . . . . .	2000.. 6 518 970	565 767	1 652 455	4 300 747	4 156 091	697 679	1 138 344	2 320 067	4	8	5	4
		1999.. 4 122 612	691 632	1 124 385	2 306 595	3 219 884	607 711	931 860	1 680 313	3	4	4	4
		1998.. 3 351 859	641 268	969 116	1 741 475	3 750 988	441 663	1 558 506	1 750 819	2	2	3	3
		1997.. 3 730 561	384 860	1 506 296	1 839 405	4 073 845	500 917	1 784 652	1 788 276	X	X	X	X
334419	Other electronic component mfg . . . . .	2000.. 1 812 995	293 511	501 555	1 017 929	1 567 247	309 589	453 252	804 406	6	12	7	6
		1999.. 1 649 964	334 442	476 725	838 797	1 555 503	259 395	467 381	828 727	8	20	7	7
		1998.. 1 643 892	305 345	487 579	850 968	1 669 822	291 475	506 397	871 950	1	3	1	1
		1997.. 1 709 616	316 959	479 133	913 524	1 512 617	277 115	507 598	727 904	X	X	X	X
3345	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 16 787 395	3 757 006	6 659 040	6 371 349	15 758 331	3 455 638	6 738 859	5 563 834	1	1	1	1
		1999.. 15 733 567	3 436 277	6 676 857	5 620 433	15 389 684	3 373 099	6 706 120	5 310 465	1	1	1	1
		1998.. 15 992 526	3 460 458	7 061 301	5 470 766	15 582 948	3 169 858	7 303 845	5 109 244	1	2	1	1
		1997.. 15 386 427	3 047 952	7 232 371	5 106 104	15 296 512	2 934 069	7 728 053	4 634 390	X	X	X	X
33451	Navigational, measuring, medical, & control instruments mfg . . . . .	2000.. 16 787 395	3 757 006	6 659 040	6 371 349	15 758 331	3 455 638	6 738 859	5 563 834	1	1	1	1
		1999.. 15 733 567	3 436 277	6 676 857	5 620 433	15 389 684	3 373 099	6 706 120	5 310 465	1	1	1	1
		1998.. 15 992 526	3 460 458	7 061 301	5 470 766	15 582 948	3 169 858	7 303 845	5 109 244	1	2	1	1
		1997.. 15 386 427	3 047 952	7 232 371	5 106 104	15 296 512	2 934 069	7 728 053	4 634 390	X	X	X	X
334510	Electromedical & electrotherapeutic apparatus mfg . . . . .	2000.. 2 105 745	766 265	466 330	873 150	2 012 631	772 939	392 666	847 025	2	3	3	3
		1999.. 1 965 119	743 289	389 162	832 668	1 966 123	726 289	438 868	800 966	2	2	2	2
		1998.. 2 191 912	863 248	482 353	846 311	2 044 330	797 958	427 890	818 482	4	9	7	2
		1997.. 2 064 106	796 751	430 835	836 520	1 982 316	768 527	426 039	787 750	X	X	X	X
334511	Search, detection, navigation, & guidance instrument mfg . . . . .	2000.. 6 008 371	483 832	4 086 508	1 438 031	6 161 149	494 379	4 330 503	1 336 267	1	3	1	2
		1999.. 6 025 290	491 377	4 223 632	1 310 281	5 949 874	457 222	4 201 395	1 291 257	1	3	1	2
		1998.. 6 207 257	427 813	4 476 061	1 303 384	6 159 442	370 545	4 653 461	1 135 436	1	2	1	1
		1997.. 6 159 390	381 215	4 662 554	1 115 621	6 487 198	337 641	5 160 971	988 586	X	X	X	X
334512	Automatic environmental control mfg . . . . .	2000.. 392 939	113 075	133 752	146 112	388 000	109 101	140 199	138 701	3	4	5	4
		1999.. 422 813	126 353	148 126	148 333	433 190	139 544	170 606	123 039	4	7	5	4
		1998.. 433 452	128 384	168 644	136 424	411 127	111 253	162 290	137 584	5	3	5	8
		1997.. 390 108	104 403	154 692	131 013	373 922	133 207	137 468	103 247	X	X	X	X
334513	Industrial process control instrument mfg . . . . .	2000.. 1 307 396	362 420	333 022	611 954	1 244 809	367 522	306 919	570 368	3	6	3	2
		1999.. 1 299 055	372 048	321 992	605 014	1 316 552	391 781	323 468	601 303	2	6	3	2
		1998.. 1 258 009	357 501	313 854	586 653	1 242 092	278 140	353 256	610 696	2	3	3	2
		1997.. 1 258 976	271 422	336 347	651 207	1 240 356	292 828	334 380	613 148	X	X	X	X
334514	Totalizing fluid meter & counting device mfg . . . . .	2000.. 415 403	60 768	121 285	233 351	334 896	46 387	115 088	173 422	6	14	7	9
		1999.. 340 790	47 591	116 924	176 275	316 742	57 734	116 073	142 936	6	17	7	9
		1998.. 310 219	64 029	123 408	122 782	321 915	66 509	115 746	139 660	1	1	2	1
		1997.. 317 549	67 258	108 631	141 660	312 684	63 557	119 905	129 222	X	X	X	X
334515	Electricity measuring & testing instrument mfg . . . . .	2000.. 3 062 774	800 696	708 917	1 553 161	2 414 033	626 060	712 443	1 075 530	2	2	3	2
		1999.. 2 480 835	681 463	723 471	1 075 901	2 260 683	610 382	697 481	952 820	2	2	2	2
		1998.. 2 390 582	646 918	723 806	1 019 858	2 424 761	641 891	807 080	975 790	1	1	2	2
		1997.. 2 297 057	571 540	768 750	956 767	2 098 482	469 558	763 204	865 720	X	X	X	X
334516	Analytical laboratory instrument mfg . . . . .	2000.. 1 274 987	398 497	225 156	651 333	1 140 991	368 949	202 839	569 203	4	4	8	4
		1999.. 1 127 560	335 388	215 204	576 969	1 071 988	344 315	216 587	511 086	3	3	7	3
		1998.. 1 079 131	349 505	201 138	528 487	1 071 510	353 311	212 933	505 266	1	1	2	1
		1997.. 1 064 297	350 331	211 365	502 601	1 056 030	374 074	223 677	458 279	X	X	X	X
334517	Irradiation apparatus mfg . . . . .	2000.. 742 115	250 129	213 765	278 220	761 883	268 297	211 199	282 387	4	4	8	4
		1999.. 737 060	216 325	208 927	311 808	789 888	265 747	195 666	328 474	5	5	9	4
		1998.. 801 610	255 516	206 591	339 503	722 455	220 530	213 782	288 144	1	2	2	2
		1997.. 660 457	181 860	206 282	272 515	634 720	199 523	198 912	236 285	X	X	X	X
334518	Watch, clock, & part mfg . . . . .	2000.. 208 129	115 251	65 927	26 952	198 513	116 852	58 803	22 859	5	8	8	36
		1999.. 206 508	119 560	60 734	26 214	169 310	88 388	45 794	35 127	4	13	8	32
		1998.. 196 221	93 197	62 750	40 274	190 771	93 272	60 323	37 176	2	2	4	1
		1997.. 181 429	83 805	59 522	38 102	170 870	84 264	49 432	37 174	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
334	Computer & electronic product mfg—Con.												
3345	Navigational, measuring, medical, & control instruments mfg—Con.												
33451	Navigational, measuring, medical, & control instruments mfg—Con.												
334519	Other measuring & controlling device mfg.....	2000.. 1 269 536	406 073	304 378	559 085	1 101 426	285 153	268 200	548 073	3	5	5	4
		1999.. 1 128 536	302 883	268 685	556 968	1 115 335	291 696	300 182	523 457	3	5	4	4
		1998.. 1 124 133	274 347	302 697	547 089	994 544	236 450	297 085	461 010	2	4	3	2
		1997.. 993 058	239 367	293 393	460 298	939 934	210 890	314 065	414 979	X	X	X	X
3346	Mfg & reproducing magnetic & optical media .....	2000.. 547 138	153 171	88 070	305 898	557 028	151 237	96 673	309 118	5	4	7	5
		1999.. 596 770	173 827	99 310	323 633	670 922	209 597	106 509	354 815	4	3	7	4
		1998.. 879 417	282 024	136 591	460 802	881 516	282 784	140 656	458 075	2	4	1	1
		1997.. 835 617	271 443	123 225	440 949	791 425	264 470	120 319	406 636	X	X	X	X
33461	Mfg & reproducing magnetic & optical media .....	2000.. 547 138	153 171	88 070	305 898	557 028	151 237	96 673	309 118	5	4	7	5
		1999.. 596 770	173 827	99 310	323 633	670 922	209 597	106 509	354 815	4	3	7	4
		1998.. 879 417	282 024	136 591	460 802	881 516	282 784	140 656	458 075	2	4	1	1
		1997.. 835 617	271 443	123 225	440 949	791 425	264 470	120 319	406 636	X	X	X	X
334611	Software reproducing .....	2000.. 13 059	1 872	2 778	8 409	14 768	2 139	3 255	9 374	39	A	24	36
		1999.. 19 464	4 109	3 511	11 845	14 122	2 847	1 418	9 857	20	61	18	17
		1998.. 179 931	69 764	30 173	79 994	164 799	58 098	29 802	76 899	7	16	3	3
		1997.. 58 946	19 290	7 671	31 985	62 872	20 032	8 017	34 823	X	X	X	X
334612	Prerecorded CD (except software), tape, & record reproducing .....	2000.. 227 498	59 961	34 556	132 981	207 105	56 380	31 534	119 192	6	6	15	5
		1999.. 206 911	62 182	27 600	117 129	203 976	68 758	25 924	109 294	5	4	22	3
		1998.. 204 714	71 056	24 689	108 968	206 376	81 216	20 637	104 523	1	3	2	1
		1997.. 201 216	76 359	20 088	104 769	223 779	87 202	28 267	108 310	X	X	X	X
334613	Magnetic & optical recording media mfg.....	2000.. 306 582	91 338	50 736	164 508	335 154	92 718	61 883	180 553	6	5	7	8
		1999.. 370 395	107 536	68 199	194 659	452 824	137 993	79 167	235 664	5	4	5	6
		1998.. 494 772	141 203	81 729	271 839	510 341	143 471	90 217	276 653	1	1	1	1
		1997.. 575 455	175 794	95 466	304 195	504 774	157 236	84 035	263 503	X	X	X	X
335	Electrical equipment, appliance, & component mfg .....	2000.. 14 368 089	5 100 398	3 514 699	5 752 991	13 368 299	4 822 208	3 349 335	5 196 756	1	1	1	1
		1999.. 13 511 857	4 946 885	3 351 740	5 213 233	13 503 471	5 022 684	3 395 065	5 085 722	1	1	1	1
		1998.. 13 712 651	5 096 507	3 317 761	5 298 383	13 486 823	4 839 158	3 432 587	5 215 078	1	1	2	2
		1997.. 13 529 479	4 835 398	3 474 394	5 219 687	13 029 124	4 778 099	3 445 055	4 805 970	X	X	X	X
3351	Electric lighting equipment mfg ..	2000.. 1 606 633	549 749	202 407	854 477	1 451 805	456 033	197 173	798 599	5	9	5	5
		1999.. 1 500 496	491 769	202 927	805 800	1 529 749	566 258	194 680	768 811	4	10	5	4
		1998.. 1 499 376	546 442	197 935	754 998	1 486 028	574 389	194 366	717 273	2	2	5	3
		1997.. 1 523 516	585 665	199 208	738 643	1 449 911	575 211	188 273	686 427	X	X	X	X
33511	Electric lamp bulb & part mfg .....	2000.. 155 642	39 466	22 860	93 316	142 231	11 777	30 300	100 154	38	97	26	18
		1999.. 146 394	13 969	30 709	101 716	174 298	72 662	23 731	77 906	35	A	23	23
		1998.. 225 563	100 029	28 504	97 030	250 366	124 181	25 492	100 693	1	1	1	1
		1997.. 248 761	123 904	25 498	99 359	250 386	129 723	20 224	100 439	X	X	X	X
335110	Electric lamp bulb & part mfg .....	2000.. 155 642	39 466	22 860	93 316	142 231	11 777	30 300	100 154	38	97	26	18
		1999.. 146 394	13 969	30 709	101 716	174 298	72 662	23 731	77 906	35	A	23	23
		1998.. 225 563	100 029	28 504	97 030	250 366	124 181	25 492	100 693	1	1	1	1
		1997.. 248 761	123 904	25 498	99 359	250 386	129 723	20 224	100 439	X	X	X	X
33512	Lighting fixture mfg .....	2000.. 1 450 991	510 282	179 547	761 161	1 309 574	444 256	166 874	698 444	3	5	5	5
		1999.. 1 354 102	477 800	172 218	704 084	1 355 451	493 596	170 949	690 906	2	4	5	3
		1998.. 1 273 812	446 413	169 431	657 968	1 235 662	450 208	168 874	616 579	2	2	6	3
		1997.. 1 274 755	461 761	173 710	639 284	1 199 525	445 488	168 049	585 988	X	X	X	X
335121	Residential electric lighting fixture mfg .....	2000.. 400 189	186 628	31 478	182 083	346 442	150 019	35 768	160 654	8	11	16	16
		1999.. 351 827	151 413	36 591	163 823	361 115	156 814	39 257	165 044	4	5	13	6
		1998.. 387 683	144 185	43 287	180 256	393 437	160 532	44 649	188 256	3	3	2	3
		1997.. 389 066	159 261	43 172	186 633	368 299	162 331	41 183	164 785	X	X	X	X
335122	Commercial/industrial/institutional electric lighting fixture mfg .....	2000.. 530 988	164 408	76 210	290 370	508 027	148 225	74 417	285 385	5	11	6	7
		1999.. 526 302	156 503	76 154	293 645	508 431	153 453	74 505	280 473	5	11	6	7
		1998.. 495 752	169 453	75 824	250 476	478 162	166 776	70 756	240 630	2	1	2	4
		1997.. 491 088	172 402	71 880	246 806	461 127	160 357	70 673	230 097	X	X	X	X
335129	Other lighting equipment mfg .....	2000.. 519 815	159 247	71 860	288 708	455 106	146 012	56 688	252 405	2	4	7	3
		1999.. 475 973	169 885	59 473	246 616	485 905	183 329	57 187	245 389	2	3	9	2
		1998.. 390 377	132 775	50 320	207 282	364 062	122 900	53 469	187 693	6	5	19	7
		1997.. 394 601	130 098	58 658	205 845	370 099	122 800	56 193	191 106	X	X	X	X
3352	Household appliance mfg .....	2000.. 2 127 427	1 286 006	240 812	600 609	2 157 826	1 299 172	259 663	598 991	2	2	4	3
		1999.. 2 111 248	1 288 875	248 595	573 778	2 119 202	1 280 934	258 365	579 903	1	2	4	3
		1998.. 2 243 288	1 315 706	273 670	653 913	2 098 225	1 192 806	256 725	648 695	3	2	1	5
		1997.. 2 131 992	1 202 972	266 947	662 073	2 082 917	1 200 421	289 291	593 205	X	X	X	X
33521	Small electrical appliance mfg .....	2000.. 645 110	363 521	89 694	191 896	669 155	367 705	102 342	199 109	4	5	4	5
		1999.. 620 432	341 605	90 611	188 216	634 214	329 698	99 066	205 450	3	4	3	5
		1998.. 744 844	389 781	126 653	228 410	705 368	382 530	112 515	210 323	3	2	2	6
		1997.. 705 805	381 304	114 766	209 735	687 374	392 738	115 455	179 181	X	X	X	X
335211	Electric housewares & household fan mfg .....	2000.. 346 623	173 341	36 549	136 733	367 084	183 751	39 544	143 789	7	9	10	8
		1999.. 344 871	167 849	35 574	141 448	399 343	185 987	52 767	160 589	6	7	8	7
		1998.. 447 816	213 311	66 819	167 687	444 884	228 343	61 640	154 901	5	3	4	8
		1997.. 460 506	234 970	63 697	161 839	437 568	235 526	69 175	132 867	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
335	Electrical equipment, appliance, & component mfg—Con.												
3352	Household appliance mfg—Con.												
33521	Small electrical appliance mfg—Con.												
335212	Household vacuum cleaner mfg .....	2000.. 298 487	190 180	53 144	55 163	302 071	183 954	62 797	55 320	2	2	1	4
		1999.. 275 561	173 756	55 037	46 767	234 872	143 711	46 299	44 861	2	1	1	6
		1998.. 297 028	176 470	59 835	60 723	260 484	154 187	50 875	55 422	1	1	1	1
		1997.. 245 299	146 334	51 069	47 896	249 806	157 212	46 280	46 314	X	X	X	X
33522	Major appliance mfg .....	2000.. 1 482 317	922 485	151 118	408 713	1 488 671	931 467	157 322	399 882	2	2	6	3
		1999.. 1 490 816	947 270	157 984	385 562	1 484 988	951 236	159 299	374 453	1	2	5	3
		1998.. 1 498 444	925 925	147 016	425 503	1 392 857	810 275	144 210	438 372	4	2	1	7
		1997.. 1 426 187	821 668	152 181	452 338	1 395 543	807 683	173 836	414 024	X	X	X	X
335221	Household cooking appliance mfg .....	2000.. 339 530	170 196	62 583	106 752	384 207	205 501	67 101	111 605	3	4	15	8
		1999.. 406 187	229 574	68 193	108 420	439 143	255 086	68 995	115 063	2	2	12	6
		1998.. 476 368	254 876	57 229	164 262	378 587	180 190	51 404	146 993	11	9	2	18
		1997.. 407 396	188 320	56 469	162 607	415 310	196 346	69 834	149 130	X	X	X	X
335222	Household refrigerator & home freezer mfg .....	2000.. 605 939	450 271	25 911	129 757	479 054	322 838	26 711	129 505	1	1	1	1
		1999.. 467 616	317 502	26 255	123 859	435 071	299 212	26 213	109 646	1	1	1	1
		1998.. 429 629	296 847	22 617	110 165	412 699	265 044	21 457	126 198	1	1	1	1
		1997.. 419 351	269 047	24 047	126 257	396 889	261 505	33 883	101 501	X	X	X	X
335224	Household laundry equipment mfg .....	2000.. 240 861	139 579	31 179	70 103	361 250	264 732	32 243	64 275	1	1	1	1
		1999.. 360 172	264 993	32 259	62 921	356 445	262 664	31 132	62 649	1	1	1	1
		1998.. 362 007	263 871	31 857	66 279	369 454	259 469	33 962	76 023	1	1	1	1
		1997.. 368 146	259 321	34 279	74 546	341 830	236 562	30 744	74 524	X	X	X	X
335228	Other major household appliance mfg .....	2000.. 295 986	162 439	31 445	102 102	264 159	138 396	31 267	94 497	8	10	2	11
		1999.. 256 841	135 201	31 277	90 363	254 329	134 274	32 960	87 096	8	12	2	9
		1998.. 230 440	110 330	35 314	84 796	232 117	105 572	37 387	89 158	1	1	1	1
		1997.. 231 294	104 980	37 386	88 928	241 514	113 270	39 375	88 869	X	X	X	X
3353	Electrical equipment mfg .....	2000.. 4 485 231	1 252 229	1 302 568	1 930 434	4 309 836	1 223 837	1 301 755	1 784 243	1	2	2	2
		1999.. 4 333 379	1 246 076	1 303 132	1 784 172	4 316 473	1 263 277	1 352 684	1 700 511	1	1	2	2
		1998.. 4 168 060	1 260 058	1 239 653	1 668 349	4 264 201	1 151 229	1 334 701	1 778 271	2	2	4	5
		1997.. 4 293 742	1 170 423	1 353 384	1 769 935	4 224 757	1 157 927	1 368 909	1 697 921	X	X	X	X
33531	Electrical equipment mfg .....	2000.. 4 485 231	1 252 229	1 302 568	1 930 434	4 309 836	1 223 837	1 301 755	1 784 243	1	2	2	2
		1999.. 4 333 379	1 246 076	1 303 132	1 784 172	4 316 473	1 263 277	1 352 684	1 700 511	1	1	2	2
		1998.. 4 168 060	1 260 058	1 239 653	1 668 349	4 264 201	1 151 229	1 334 701	1 778 271	2	2	4	5
		1997.. 4 293 742	1 170 423	1 353 384	1 769 935	4 224 757	1 157 927	1 368 909	1 697 921	X	X	X	X
335311	Power, distribution, & specialty transformer mfg .....	2000.. 604 700	206 343	146 483	251 873	523 074	168 873	145 607	208 594	6	3	8	13
		1999.. 527 097	167 903	146 603	212 590	518 305	165 681	136 564	216 059	3	4	12	7
		1998.. 509 585	181 671	128 194	199 720	531 651	138 560	156 095	236 996	6	12	6	14
		1997.. 527 690	136 394	165 160	226 136	510 448	124 144	166 066	220 238	X	X	X	X
335312	Motor & generator mfg .....	2000.. 1 372 961	485 286	336 809	550 865	1 365 172	489 376	353 350	522 446	2	5	3	3
		1999.. 1 410 435	517 700	364 295	528 440	1 337 244	510 075	362 219	464 949	2	3	2	2
		1998.. 1 280 605	487 578	392 311	400 715	1 321 648	425 806	402 821	493 021	5	3	9	20
		1997.. 1 376 838	450 859	422 444	503 535	1 397 817	478 239	418 763	500 815	X	X	X	X
335313	Switchgear & switchboard apparatus mfg .....	2000.. 943 664	213 638	305 900	424 127	875 659	208 964	283 577	383 118	3	3	5	3
		1999.. 852 527	206 042	276 548	369 938	831 666	204 738	271 535	355 992	2	1	3	4
		1998.. 870 808	214 367	265 371	391 070	806 378	194 380	251 044	360 954	3	1	2	4
		1997.. 798 837	194 100	247 003	357 734	774 108	180 217	260 257	333 634	X	X	X	X
335314	Relay & industrial control mfg .....	2000.. 1 563 906	346 961	513 376	703 569	1 545 931	356 624	519 221	670 085	2	2	2	2
		1999.. 1 543 320	354 431	515 686	673 203	1 529 258	382 783	582 366	664 110	1	2	2	2
		1998.. 1 507 062	376 441	453 777	676 844	1 604 524	392 483	524 741	687 300	3	3	6	2
		1997.. 1 590 377	389 070	518 777	682 530	1 542 384	375 327	523 823	643 234	X	X	X	X
3359	Other electrical equipment & component mfg .....	2000.. 6 148 798	2 012 414	1 768 912	2 367 471	5 448 832	1 843 166	1 590 743	2 014 923	1	2	2	2
		1999.. 5 566 734	1 920 164	1 597 086	2 049 484	5 538 047	1 912 215	1 589 335	2 036 496	1	2	2	1
		1998.. 5 801 927	1 974 301	1 606 504	2 221 123	5 638 368	1 920 735	1 646 794	2 070 839	1	1	1	2
		1997.. 5 580 229	1 876 338	1 654 855	2 049 036	5 271 539	1 844 540	1 598 582	1 828 417	X	X	X	X
33591	Battery mfg .....	2000.. 761 367	215 541	322 650	223 177	692 513	207 313	248 716	236 485	1	2	1	3
		1999.. 702 299	210 526	254 478	237 296	661 317	226 355	226 754	208 208	1	3	2	2
		1998.. 673 937	227 060	228 652	218 225	669 757	216 537	257 171	196 048	1	1	1	2
		1997.. 673 194	218 345	259 744	195 105	675 343	232 758	243 524	199 061	X	X	X	X
335911	Storage battery mfg .....	2000.. 532 472	190 841	185 010	156 620	504 157	187 910	152 867	163 880	1	2	2	3
		1999.. 506 095	190 230	156 646	159 220	477 322	190 585	144 878	141 859	1	3	3	2
		1998.. 486 404	193 026	145 294	148 084	503 610	188 179	176 368	139 062	1	1	1	2
		1997.. 507 155	190 090	178 887	138 178	521 039	207 110	181 968	131 961	X	X	X	X
335912	Primary battery mfg .....	2000.. 228 896	24 699	137 640	66 557	188 357	19 403	95 849	73 105	2	14	1	6
		1999.. 196 204	20 296	97 832	87 826	183 995	35 770	81 875	66 349	2	14	4	5
		1998.. 187 533	34 034	83 358	70 141	166 147	28 358	80 803	56 986	3	5	1	4
		1997.. 166 039	28 255	80 857	56 927	154 304	25 648	61 556	67 100	X	X	X	X
33592	Communication & energy wire & cable mfg .....	2000.. 1 967 517	807 597	530 652	629 268	1 697 625	724 739	462 477	510 409	2	3	3	4
		1999.. 1 765 527	809 828	461 914	493 786	1 766 056	776 908	495 822	493 326	2	2	2	2
		1998.. 1 846 471	817 557	510 605	518 310	1 835 325	821 548	482 769	531 008	1	1	2	3
		1997.. 1 849 583	812 188	492 705	544 690	1 734 115	782 493	475 163	476 459	X	X	X	X
335921	Fiber optic cable mfg .....	2000.. 395 307	110 952	136 456	147 899	298 512	94 135	103 032	101 344	4	4	4	6
		1999.. 307 266	96 115	105 178	105 973	341 335	98 175	134 768	108 392	5	5	4	7
		1998.. 358 791	112 361	139 673	106 758	352 421	113 743	112 899	125 779	2	2	3	4
		1997.. 344 653	111 043	111 132	122 478	286 625	76 042	91 580	119 003	X	X	X	X

See footnotes at end of table.



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
335	Electrical equipment, appliance, & component mfg—Con.												
3359	Other electrical equipment & component mfg—Con.												
33592	Communication & energy wire & cable mfg—Con.												
335929	Other communication & energy wire mfg.....	2000.. 1 572 210	696 644	394 196	481 369	1 399 114	630 604	359 445	409 065	3	3	3	5
		1999.. 1 458 262	713 713	356 736	387 813	1 424 722	678 733	361 054	384 934	2	2	2	3
		1998.. 1 487 680	705 196	370 932	411 552	1 482 904	707 805	369 870	405 229	1	2	3	3
		1997.. 1 504 930	701 145	381 573	422 212	1 447 490	706 451	383 583	357 456	X	X	X	X
33593	Wiring device mfg.....	2000.. 1 380 564	532 334	299 838	548 392	1 303 439	488 786	293 352	521 301	3	4	4	3
		1999.. 1 323 538	494 747	291 247	537 544	1 316 375	488 417	272 740	555 218	2	4	3	2
		1998.. 1 412 162	515 072	266 722	630 369	1 408 037	519 162	295 600	593 274	1	3	4	3
		1997.. 1 326 844	487 699	289 001	550 144	1 298 058	489 691	293 920	514 447	X	X	X	X
335931	Current-carrying wiring device mfg.....	2000.. 724 065	226 739	192 537	304 788	704 190	219 904	173 851	310 434	5	7	6	5
		1999.. 711 747	222 388	171 187	318 172	720 468	218 628	172 789	329 051	4	6	5	3
		1998.. 791 454	230 480	186 302	374 672	784 487	235 023	197 329	352 134	2	5	2	4
		1997.. 726 650	215 442	192 396	318 812	704 636	212 218	193 362	299 056	X	X	X	X
335932	Noncurrent-carrying wiring device mfg.....	2000.. 656 500	305 595	107 301	243 604	599 249	268 881	119 501	210 867	3	6	3	2
		1999.. 611 791	272 359	120 060	219 372	595 907	269 789	99 951	226 167	3	6	3	2
		1998.. 620 708	284 592	80 419	255 697	623 550	284 139	98 271	241 140	1	2	12	4
		1997.. 600 194	272 257	96 605	231 332	593 422	277 473	100 558	215 391	X	X	X	X
33599	All other electrical equipment & component mfg.....	2000.. 2 039 349	456 943	615 772	966 635	1 755 255	422 328	586 198	746 729	2	3	3	4
		1999.. 1 775 370	405 063	589 448	780 858	1 794 299	420 535	594 019	779 744	2	2	4	3
		1998.. 1 869 357	414 613	600 525	854 219	1 725 250	363 487	611 254	750 509	1	2	2	3
		1997.. 1 730 608	358 106	613 405	759 097	1 564 023	339 598	585 975	638 450	X	X	X	X
335991	Carbon & graphite product mfg.....	2000.. 419 677	104 458	196 696	118 524	435 445	107 946	196 259	131 241	3	6	3	9
		1999.. 438 028	112 832	195 602	129 594	509 959	147 538	221 235	141 186	2	4	3	4
		1998.. 526 219	147 816	230 819	147 585	487 847	120 253	225 837	141 757	2	1	1	4
		1997.. 503 701	120 957	236 978	145 766	449 281	113 143	221 575	114 563	X	X	X	X
335999	All other miscellaneous electrical equipment & component mfg.....	2000.. 1 619 672	352 485	419 076	848 111	1 319 810	314 383	389 940	615 487	3	3	5	4
		1999.. 1 337 342	292 232	393 846	651 264	1 284 340	272 997	372 785	638 559	3	2	7	4
		1998.. 1 343 138	266 797	369 706	706 635	1 237 403	243 234	385 417	608 752	2	2	3	4
		1997.. 1 226 907	237 149	376 427	613 331	1 114 742	226 455	364 400	523 887	X	X	X	X
336	Transportation equipment mfg....	2000.. 75 383 835	11 228 267	44 960 625	19 194 943	75 049 165	10 676 466	45 639 280	18 733 420	1	2	1	1
		1999.. 76 780 713	10 781 168	46 960 445	19 039 101	77 014 723	10 480 521	47 222 502	18 811 700	1	2	1	1
		1998.. 75 962 396	9 577 712	48 513 022	17 871 662	66 182 318	9 098 585	40 578 457	16 505 276	1	1	1	1
		1997.. 66 411 837	9 417 828	40 382 181	16 611 828	65 287 222	8 337 030	41 299 655	15 650 537	X	X	X	X
3361	Motor vehicle mfg.....	2000.. 4 756 345	565 320	1 663 251	2 527 774	4 732 344	399 970	1 689 579	2 642 795	1	1	1	1
		1999.. 4 701 698	396 669	1 682 524	2 622 505	4 445 975	410 500	1 620 383	2 415 092	1	1	1	1
		1998.. 4 349 305	378 694	1 588 119	2 382 493	4 629 570	491 538	1 624 955	2 513 077	1	1	1	1
		1997.. 4 606 220	480 031	1 581 413	2 544 776	4 278 740	357 820	1 473 615	2 447 305	X	X	X	X
33611	Automobile & light duty motor vehicle mfg.....	2000.. 3 746 225	324 785	1 372 431	2 049 008	3 655 145	254 358	1 329 590	2 071 197	1	1	1	1
		1999.. 3 624 182	251 107	1 320 911	2 052 164	3 474 456	254 307	1 309 655	1 910 495	1	1	1	1
		1998.. 3 469 508	260 417	1 291 468	1 917 623	3 814 122	344 021	1 365 164	2 104 937	1	1	1	1
		1997.. 3 804 485	337 125	1 363 860	2 103 500	3 599 166	246 988	1 274 550	2 077 628	X	X	X	X
336111	Automobile mfg.....	2000.. 1 804 284	156 501	431 343	1 216 441	1 841 821	155 978	475 601	1 210 242	1	1	1	1
		1999.. 1 843 657	156 240	476 160	1 211 257	1 790 411	162 030	460 393	1 167 989	1	1	1	1
		1998.. 1 910 828	180 578	452 524	1 277 725	2 202 946	210 208	555 774	1 436 964	1	1	1	1
		1997.. 2 193 552	203 442	554 694	1 435 416	2 185 429	133 444	509 334	1 542 651	X	X	X	X
336112	Light truck & utility vehicle mfg.....	2000.. 1 941 940	168 285	941 088	832 567	1 813 324	98 380	853 989	860 955	1	1	1	1
		1999.. 1 780 524	94 867	844 751	840 907	1 684 045	92 277	849 262	742 506	1	1	1	1
		1998.. 1 558 681	79 839	838 944	639 898	1 611 176	133 813	809 390	667 973	1	1	1	1
		1997.. 1 610 933	133 683	809 166	668 084	1 413 737	113 544	765 216	534 977	X	X	X	X
33612	Heavy duty truck mfg.....	2000.. 1 010 120	240 534	290 820	478 766	1 077 199	145 612	359 989	571 598	1	1	1	1
		1999.. 1 077 516	145 562	361 613	570 341	971 518	156 193	310 728	504 597	1	1	1	1
		1998.. 879 797	118 277	296 650	464 869	815 448	147 517	259 791	408 140	1	2	1	1
		1997.. 801 735	142 906	217 553	441 276	679 574	110 832	199 065	369 677	X	X	X	X
336120	Heavy duty truck mfg.....	2000.. 1 010 120	240 534	290 820	478 766	1 077 199	145 612	359 989	571 598	1	1	1	1
		1999.. 1 077 516	145 562	361 613	570 341	971 518	156 193	310 728	504 597	1	1	1	1
		1998.. 879 797	118 277	296 650	464 869	815 448	147 517	259 791	408 140	1	2	1	1
		1997.. 801 735	142 906	217 553	441 276	679 574	110 832	199 065	369 677	X	X	X	X
3362	Motor vehicle body & trailer mfg.....	2000.. 3 569 810	1 027 252	833 982	1 708 576	3 342 425	850 069	819 683	1 672 673	5	11	5	3
		1999.. 3 438 875	859 677	842 483	1 736 714	2 944 846	749 036	704 321	1 491 489	3	8	4	2
		1998.. 2 755 378	622 286	611 540	1 521 553	2 901 297	666 406	664 420	1 570 472	7	8	20	3
		1997.. 2 925 889	681 320	660 463	1 584 106	2 678 254	636 209	684 082	1 357 963	X	X	X	X
33621	Motor vehicle body & trailer mfg.....	2000.. 3 569 810	1 027 252	833 982	1 708 576	3 342 425	850 069	819 683	1 672 673	5	11	5	3
		1999.. 3 438 875	859 677	842 483	1 736 714	2 944 846	749 036	704 321	1 491 489	3	8	4	2
		1998.. 2 755 378	622 286	611 540	1 521 553	2 901 297	666 406	664 420	1 570 472	7	8	20	3
		1997.. 2 925 889	681 320	660 463	1 584 106	2 678 254	636 209	684 082	1 357 963	X	X	X	X
336211	Motor vehicle body mfg....	2000.. 1 432 816	281 360	455 609	695 846	1 330 067	280 032	407 358	642 678	3	8	4	3
		1999.. 1 346 235	273 787	411 918	660 531	1 168 261	243 570	348 781	575 911	2	6	4	2
		1998.. 947 096	156 013	230 389	560 694	1 027 675	198 612	341 460	487 603	21	29	53	6
		1997.. 1 036 720	210 920	338 869	486 931	1 078 686	192 997	361 477	524 212	X	X	X	X
336212	Truck trailer mfg.....	2000.. 802 524	214 516	165 378	422 631	805 228	162 743	194 971	447 514	4	7	4	5
		1999.. 820 434	164 117	197 595	458 723	742 608	136 514	177 265	428 829	4	7	5	5
		1998.. 818 522	172 633	210 802	435 087	956 594	184 366	160 744	611 485	4	15	4	3
		1997.. 977 163	189 965	155 273	631 925	673							

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
336	Transportation equipment mfg—Con.																			
3362	Motor vehicle body & trailer mfg—Con.																			
33621	Motor vehicle body & trailer mfg—Con.																			
336213	Motor home mfg .....	2000.. 673 756	259 980	129 170	284 606	647 860	194 971	139 351	313 538	22	40	25	9							
		1999.. 697 231	201 859	153 351	342 022	499 200	153 046	107 852	238 303	16	33	20	8							
		1998.. 426 625	80 186	91 082	255 357	400 025	88 487	83 704	227 833	1	2	1	1							
		1997.. 403 978	89 010	90 768	224 200	443 846	103 477	102 807	237 562	X	X	X	X							
336214	Travel trailer & camper mfg .....	2000.. 660 714	271 396	83 826	305 493	559 270	212 323	78 004	268 943	8	10	9	8							
		1999.. 574 974	219 915	79 620	275 439	534 776	215 906	70 423	248 447	4	5	8	4							
		1998.. 563 135	213 454	79 266	270 414	517 004	194 941	78 512	243 551	3	4	7	4							
		1997.. 508 028	191 425	75 553	241 050	481 878	185 767	78 971	217 140	X	X	X	X							
3363	Motor vehicle parts mfg .....	2000.. 13 863 993	3 902 866	3 888 544	6 072 584	13 748 245	3 590 741	3 660 080	6 497 424	3	6	3	2							
		1999.. 13 960 490	3 650 410	3 718 360	6 591 720	13 373 306	3 475 997	3 896 144	6 001 164	2	4	3	2							
		1998.. 13 372 860	3 447 561	4 431 747	5 493 553	12 613 277	3 104 954	4 332 508	5 175 816	1	1	1	1							
		1997.. 12 765 166	3 159 333	4 400 834	5 204 999	13 088 328	3 113 003	4 655 908	5 319 417	X	X	X	X							
33631	Motor vehicle gasoline engine & engine parts mfg ..	2000.. 2 101 918	443 691	758 110	900 117	2 092 956	409 544	717 766	965 647	2	3	1	3							
		1999.. 2 131 061	421 663	725 574	983 823	1 988 489	422 498	728 271	837 721	1	3	1	2							
		1998.. 2 033 561	459 712	939 728	634 121	1 941 961	455 835	900 823	585 303	1	2	1	1							
		1997.. 1 929 067	431 968	895 279	601 820	2 054 897	392 692	994 931	667 274	X	X	X	X							
336311	Carburetor, piston, piston ring, & valve mfg .....	2000.. 280 838	90 076	90 789	99 973	244 572	75 624	67 225	101 723	2	4	3	8							
		1999.. 246 439	76 336	67 873	102 231	223 236	76 261	78 300	68 675	3	7	4	8							
		1998.. 231 037	81 110	81 067	68 858	216 360	69 573	74 458	72 329	6	11	4	7							
		1997.. 221 560	70 467	76 847	74 246	224 335	73 014	79 104	72 217	X	X	X	X							
336312	Gasoline engine & engine parts mfg .....	2000.. 1 821 080	353 615	667 320	800 144	1 848 385	333 920	650 542	863 924	2	3	1	3							
		1999.. 1 884 622	345 327	657 702	881 593	1 765 253	346 237	649 971	769 045	1	3	1	1							
		1998.. 1 802 524	378 601	858 661	565 262	1 725 601	386 262	826 365	512 974	1	1	1	1							
		1997.. 1 707 507	361 501	818 432	527 574	1 830 562	319 678	915 827	595 057	X	X	X	X							
33632	Motor vehicle electrical & electronic equipment mfg ...	2000.. 2 324 756	687 286	485 547	1 151 924	2 363 128	642 951	464 874	1 255 303	3	4	4	3							
		1999.. 2 431 321	647 405	499 829	1 284 087	2 312 977	611 935	689 305	1 011 736	3	5	3	2							
		1998.. 2 339 085	636 961	699 792	1 002 332	2 292 404	581 521	635 595	1 075 288	1	1	1	1							
		1997.. 2 321 102	590 183	646 703	1 084 216	2 589 571	663 839	691 474	1 234 258	X	X	X	X							
336321	Vehicular lighting equipment mfg .....	2000.. 242 036	59 474	62 373	120 189	229 852	56 682	66 312	106 858	5	5	7	5							
		1999.. 255 661	60 749	73 021	121 891	303 739	84 328	88 677	130 733	3	2	5	5							
		1998.. 293 470	79 652	91 008	122 810	284 546	62 825	103 552	118 169	1	2	1	1							
		1997.. 285 576	63 910	102 631	119 035	302 696	64 917	111 084	126 695	X	X	X	X							
336322	Other motor vehicle electrical & electronic equipment mfg .....	2000.. 2 082 720	627 812	423 174	1 031 734	2 133 275	586 269	398 562	1 148 444	3	4	4	3							
		1999.. 2 175 660	586 656	426 808	1 162 196	2 009 238	527 607	600 628	881 003	3	6	3	2							
		1998.. 2 045 615	557 309	608 784	879 521	2 007 858	518 696	532 043	957 119	1	1	1	1							
		1997.. 2 035 526	526 273	544 072	965 181	2 286 875	598 922	580 390	1 107 563	X	X	X	X							
33633	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 763 135	195 816	202 960	364 358	757 104	198 676	192 663	365 765	6	9	2	7							
		1999.. 719 887	182 251	192 759	344 877	694 065	152 619	173 748	367 698	2	3	2	2							
		1998.. 720 520	154 076	173 880	392 564	757 842	180 973	189 121	387 748	1	3	4	1							
		1997.. 766 035	183 938	194 915	387 182	724 919	144 533	208 071	372 315	X	X	X	X							
336330	Motor vehicle steering & suspension component (except spring) mfg .....	2000.. 763 135	195 816	202 960	364 358	757 104	198 676	192 663	365 765	6	9	2	7							
		1999.. 719 887	182 251	192 759	344 877	694 065	152 619	173 748	367 698	2	3	2	2							
		1998.. 720 520	154 076	173 880	392 564	757 842	180 973	189 121	387 748	1	3	4	1							
		1997.. 766 035	183 938	194 915	387 182	724 919	144 533	208 071	372 315	X	X	X	X							
33634	Motor vehicle brake system mfg .....	2000.. 872 577	405 053	118 122	349 402	831 200	265 676	119 984	445 540	8	9	16	11							
		1999.. 861 852	278 912	129 784	453 156	808 514	319 582	125 634	363 298	9	13	13	9							
		1998.. 835 802	302 710	152 406	380 686	831 351	306 555	144 319	380 478	2	5	2	4							
		1997.. 824 856	308 963	143 070	372 823	822 967	291 424	142 361	389 182	X	X	X	X							
336340	Motor vehicle brake system mfg .....	2000.. 872 577	405 053	118 122	349 402	831 200	265 676	119 984	445 540	8	9	16	11							
		1999.. 861 852	278 912	129 784	453 156	808 514	319 582	125 634	363 298	9	13	13	9							
		1998.. 835 802	302 710	152 406	380 686	831 351	306 555	144 319	380 478	2	5	2	4							
		1997.. 824 856	308 963	143 070	372 823	822 967	291 424	142 361	389 182	X	X	X	X							
33635	Motor vehicle transmission & power train parts mfg .....	2000.. 2 391 909	590 438	968 541	832 930	2 160 137	450 758	870 496	838 882	11	29	3	8							
		1999.. 2 348 418	512 812	888 769	946 837	2 296 665	498 630	898 483	899 552	5	15	2	7							
		1998.. 2 200 065	504 076	1 038 866	657 123	1 924 612	422 012	876 411	626 189	1	2	1	1							
		1997.. 1 938 166	414 475	900 035	623 656	1 957 203	350 833	985 994	620 376	X	X	X	X							
336350	Motor vehicle transmission & power train parts mfg .....	2000.. 2 391 909	590 438	968 541	832 930	2 160 137	450 758	870 496	838 882	11	29	3	8							
		1999.. 2 348 418	512 812	888 769	946 837	2 296 665	498 630	898 483	899 552	5	15	2	7							
		1998.. 2 200 065	504 076	1 038 866	657 123	1 924 612	422 012	876 411	626 189	1	2	1	1							
		1997.. 1 938 166	414 475	900 035	623 656	1 957 203	350 833	985 994	620 376	X	X	X	X							
33636	Motor vehicle seating & interior trim mfg .....	2000.. 566 932	134 158	99 654	333 120	539 983	112 597	97 571	329 816	3	3	5	3							
		1999.. 577 016	113 793	106 125	357 099	545 202	101 690	100 495	343 017	1	5	1	1							
		1998.. 508 865	87 612	109 798																

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
336	Transportation equipment mfg—Con.												
3363	Motor vehicle parts mfg—Con.												
33637	Motor vehicle metal stamping .....	2000.. 1 157 400	276 005	430 141	451 254	1 243 936	304 093	436 712	503 131	7	6	18	4
		1999.. 1 229 152	300 643	425 265	503 244	1 185 792	276 118	435 215	474 459	7	5	20	4
		1998.. 1 315 170	299 961	529 830	485 379	1 350 214	249 360	549 054	551 800	2	4	2	3
		1997.. 1 309 761	254 045	555 576	500 140	1 396 874	255 045	595 466	546 363	X	X	X	X
336370	Motor vehicle metal stamping .....	2000.. 1 157 400	276 005	430 141	451 254	1 243 936	304 093	436 712	503 131	7	6	18	4
		1999.. 1 229 152	300 643	425 265	503 244	1 185 792	276 118	435 215	474 459	7	5	20	4
		1998.. 1 315 170	299 961	529 830	485 379	1 350 214	249 360	549 054	551 800	2	4	2	3
		1997.. 1 309 761	254 045	555 576	500 140	1 396 874	255 045	595 466	546 363	X	X	X	X
33639	Other motor vehicle parts mfg .....	2000.. 3 685 367	1 170 418	825 468	1 689 480	3 759 801	1 206 447	760 013	1 793 341	5	10	7	6
		1999.. 3 661 784	1 192 931	750 256	1 718 597	3 541 603	1 092 925	744 994	1 703 684	4	10	5	5
		1998.. 3 419 792	1 002 454	787 446	1 629 892	3 032 445	829 952	919 553	1 282 940	1	1	1	1
		1997.. 3 168 409	891 683	944 058	1 332 668	3 107 485	925 907	936 305	1 245 273	X	X	X	X
336391	Motor vehicle air-conditioning mfg .....	2000.. 387 599	101 820	70 264	215 515	396 397	126 971	63 222	206 204	1	1	1	2
		1999.. 406 029	127 382	63 372	215 275	416 762	120 406	61 180	235 176	1	1	1	1
		1998.. 426 153	125 207	62 994	237 952	362 045	82 019	67 654	212 372	1	1	3	1
		1997.. 358 701	86 200	69 741	202 760	398 499	121 649	83 688	193 162	X	X	X	X
336399	All other motor vehicle parts mfg .....	2000.. 3 297 768	1 068 598	755 204	1 473 966	3 363 404	1 079 476	696 791	1 587 137	6	11	8	7
		1999.. 3 255 754	1 065 549	686 884	1 503 322	3 124 841	972 519	683 814	1 468 508	4	11	5	6
		1998.. 2 993 639	877 248	724 453	1 391 939	2 670 400	747 933	851 899	1 070 568	1	1	1	2
		1997.. 2 809 708	805 483	874 317	1 129 908	2 708 986	804 258	852 617	1 052 111	X	X	X	X
3364	Aerospace product & parts mfg .....	2000.. 47 887 852	4 382 072	36 299 958	7 205 823	48 036 231	4 527 262	37 316 089	6 192 881	1	2	1	1
		1999.. 49 513 614	4 568 550	38 578 668	6 366 396	51 464 270	4 587 599	39 470 000	7 406 671	1	2	1	1
		1998.. 50 631 369	3 893 445	39 853 625	6 884 299	41 282 829	3 663 786	31 776 454	5 842 589	1	1	1	1
		1997.. 41 295 188	3 910 260	31 531 021	5 853 907	40 535 006	3 213 368	32 158 512	5 163 126	X	X	X	X
33641	Aerospace product & parts mfg .....	2000.. 47 887 852	4 382 072	36 299 958	7 205 823	48 036 231	4 527 262	37 316 089	6 192 881	1	2	1	1
		1999.. 49 513 614	4 568 550	38 578 668	6 366 396	51 464 270	4 587 599	39 470 000	7 406 671	1	2	1	1
		1998.. 50 631 369	3 893 445	39 853 625	6 884 299	41 282 829	3 663 786	31 776 454	5 842 589	1	1	1	1
		1997.. 41 295 188	3 910 260	31 531 021	5 853 907	40 535 006	3 213 368	32 158 512	5 163 126	X	X	X	X
336411	Aircraft mfg .....	2000.. 32 893 175	2 425 370	27 391 809	3 075 995	32 393 064	2 633 893	26 321 287	3 437 884	1	1	1	1
		1999.. 32 604 499	2 621 711	26 460 625	3 522 163	35 680 310	1 596 931	30 111 381	3 971 998	1	1	1	1
		1998.. 35 377 691	1 590 096	29 775 361	4 012 234	42 112 175	1 403 460	22 832 962	3 175 753	1	1	1	1
		1997.. 27 690 799	1 687 456	22 811 149	3 192 194	27 766 417	1 671 834	23 299 037	2 795 546	X	X	X	X
336412	Aircraft engine & engine parts mfg .....	2000.. 3 447 375	981 664	1 826 146	639 564	3 411 536	958 427	1 908 253	544 856	1	3	2	4
		1999.. 3 370 751	994 119	1 825 253	551 379	3 959 342	1 497 492	1 914 566	547 284	1	3	2	3
		1998.. 3 987 729	1 480 393	1 920 313	587 023	3 781 960	1 239 952	1 056 792	485 216	1	1	1	1
		1997.. 3 842 004	1 289 187	2 055 543	497 274	3 547 838	1 025 102	2 062 020	460 716	X	X	X	X
336413	Other aircraft part & auxiliary equipment mfg .....	2000.. 6 160 495	963 141	4 128 467	1 068 887	6 570 100	921 595	4 407 713	1 240 792	2	9	1	3
		1999.. 6 624 298	940 873	4 455 075	1 228 350	7 281 556	864 459	5 197 374	1 219 724	2	7	1	3
		1998.. 7 230 438	815 450	5 189 156	1 225 833	6 296 547	1 013 354	4 140 794	1 142 399	1	1	1	1
		1997.. 5 975 661	924 892	3 923 859	1 126 910	4 794 094	510 980	3 470 381	812 733	X	X	X	X
336414	Guided missile & space vehicle mfg .....	2000.. 4 788 495	D	2 418 423	D	5 129 070	D	4 219 982	D	1	1	1	1
		1999.. 6 380 961	D	5 376 349	D	4 010 282	D	1 811 968	D	1	X	1	X
		1998.. 3 504 103	D	2 549 448	D	2 338 472	D	2 389 882	D	1	X	1	X
		1997.. 3 336 540	D	2 387 724	D	4 016 196	D	3 000 742	D	X	X	X	X
336415	Guided missile & space vehicle propulsion unit & parts mfg .....	2000.. 513 833	D	477 112	D	418 907	D	372 637	D	1	1	1	1
		1999.. 429 671	D	382 482	D	420 143	D	346 328	D	1	X	1	X
		1998.. 426 989	D	353 716	D	335 864	D	276 118	D	1	X	1	X
		1997.. 338 001	D	275 786	D	307 230	D	255 363	D	X	X	X	X
336419	Other guided missile & space vehicle parts & auxiliary equip mfg .....	2000.. 84 480	D	58 000	D	113 554	D	86 217	D	1	4	1	2
		1999.. 103 434	D	78 883	D	112 637	D	88 385	D	1	X	1	X
		1998.. 104 418	D	65 632	D	117 811	D	79 906	D	1	X	1	X
		1997.. 112 183	D	76 960	D	103 231	D	70 969	D	X	X	X	X
3365	Railroad rolling stock mfg .....	2000.. 1 616 901	443 100	712 467	461 334	1 699 256	473 406	672 307	553 543	1	2	1	2
		1999.. 1 704 001	467 986	679 555	556 459	1 640 264	457 117	704 667	478 480	1	1	1	2
		1998.. 1 684 943	475 645	706 240	503 057	1 592 216	394 220	764 061	433 936	1	1	1	1
		1997.. 1 591 538	400 213	761 923	429 402	1 395 563	321 732	661 262	412 569	X	X	X	X
33651	Railroad rolling stock mfg .....	2000.. 1 616 901	443 100	712 467	461 334	1 699 256	473 406	672 307	553 543	1	2	1	2
		1999.. 1 704 001	467 986	679 555	556 459	1 640 264	457 117	704 667	478 480	1	1	1	2
		1998.. 1 684 943	475 645	706 240	503 057	1 592 216	394 220	764 061	433 936	1	1	1	1
		1997.. 1 591 538	400 213	761 923	429 402	1 395 563	321 732	661 262	412 569	X	X	X	X
336510	Railroad rolling stock mfg .....	2000.. 1 616 901	443 100	712 467	461 334	1 699 256	473 406	672 307	553 543	1	2	1	2
		1999.. 1 704 001	467 986	679 555	556 459	1 640 264	457 117	704 667	478 480	1	1	1	2
		1998.. 1 684 943	475 645	706 240	503 057	1 592 216	394 220	764 061	433 936	1	1	1	1
		1997.. 1 591 538	400 213	761 923	429 402	1 395 563	321 732	661 262	412 569	X	X	X	X
3366	Ship & boat building .....	2000.. 2 364 140	418 628	1 218 587	726 925	2 166 176	354 004	1 121 709	690 463	2	5	2	5
		1999.. 2 129 968	355 370	1 091 226	683 372	1 896 307	320 932	1 023 531	551 844	2	4	2	6
		1998.. 1 885 547	305 559	1 003 126	576 862	1 951 616	304 623	1 093 871	553 122	3	7	3	2
		1997.. 1 995 962	311 830	1 121 829	562 303	2 104 750	277 698	1 288 685	538 367	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—										
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D							
		A	B	C	D	E	F	G	H	A	B	C	D							
336	Transportation equipment mfg—Con.																			
3366	Ship & boat building—Con.																			
33661	Ship & boat building .....	2000.. 2 364 140	418 628	1 218 587	726 925	2 166 176	354 004	1 121 709	690 463	2	5	2	5							
		1999.. 2 129 968	355 370	1 091 226	683 372	1 896 307	320 932	1 023 531	551 844	2	4	2	6							
		1998.. 1 885 547	305 559	1 003 126	576 862	1 951 616	304 623	1 093 871	553 122	3	7	3	2							
		1997.. 1 995 962	311 830	1 121 829	562 303	2 104 750	277 698	1 288 685	538 367	X	X	X	X							
336611	Ship building & repairing ...	2000.. 1 264 666	51 524	927 937	285 206	1 212 528	53 815	871 092	287 621	3	31	2	13							
		1999.. 1 182 288	45 121	852 318	284 849	1 094 282	56 121	809 951	228 210	3	21	2	14							
		1998.. 1 101 856	65 884	796 804	239 168	1 214 307	61 740	918 499	234 068	3	2	4	2							
		1997.. 1 245 576	68 108	941 141	236 327	1 398 986	50 668	1 120 741	227 577	X	X	X	X							
336612	Boat building .....	2000.. 1 099 474	367 104	290 650	441 719	953 648	300 189	250 617	402 843	3	4	5	3							
		1999.. 947 679	310 249	238 907	398 523	802 025	264 811	213 579	323 634	3	4	4	5							
		1998.. 783 692	239 675	206 323	337 694	737 309	242 883	175 372	319 055	4	9	4	3							
		1997.. 750 386	243 722	180 688	325 976	705 764	227 030	167 944	310 790	X	X	X	X							
3369	Other transportation equipment mfg .....	2000.. 1 324 795	489 030	343 837	491 928	1 324 488	481 014	359 833	483 641	4	9	3	4							
		1999.. 1 332 068	482 505	367 629	481 934	1 249 755	479 340	303 456	466 960	4	11	3	4							
		1998.. 1 282 992	454 522	318 625	509 845	1 211 512	473 058	322 189	416 265	2	1	1	4							
		1997.. 1 231 874	474 841	324 698	432 335	1 206 581	417 200	377 591	411 790	X	X	X	X							
33699	Other transportation equipment mfg .....	2000.. 1 324 795	489 030	343 837	491 928	1 324 488	481 014	359 833	483 641	4	9	3	4							
		1999.. 1 332 068	482 505	367 629	481 934	1 249 755	479 340	303 456	466 960	4	11	3	4							
		1998.. 1 282 992	454 522	318 625	509 845	1 211 512	473 058	322 189	416 265	2	1	1	4							
		1997.. 1 231 874	474 841	324 698	432 335	1 206 581	417 200	377 591	411 790	X	X	X	X							
336991	Motorcycle, bicycle, & parts mfg .....	2000.. 365 351	194 849	79 451	91 051	397 821	226 144	66 637	105 040	11	13	10	12							
		1999.. 388 819	222 812	67 376	98 631	394 913	200 776	59 610	134 526	9	10	11	9							
		1998.. 462 251	222 827	74 538	164 887	426 745	225 149	80 542	151 053	4	2	5	12							
		1997.. 429 347	226 595	80 464	122 288	391 724	211 744	69 845	110 135	X	X	X	X							
336992	Military armored vehicle, tank, & tank component mfg .....	2000.. 325 818	13 858	178 683	133 278	347 100	2 731	211 583	132 786	1	1	1	1							
		1999.. 352 431	2 755	216 597	133 079	290 433	21 464	168 024	100 945	1	4	1	1							
		1998.. 291 583	22 008	169 802	99 773	242 155	10 474	175 370	56 311	1	1	1	1							
		1997.. 261 275	13 938	178 607	68 730	285 944	6 746	231 185	48 013	X	X	X	X							
336999	All other transportation equipment mfg .....	2000.. 633 626	280 323	85 703	267 599	579 567	252 139	81 613	245 815	6	13	6	5							
		1999.. 590 818	256 938	83 656	250 224	564 410	257 099	75 822	231 489	8	18	8	6							
		1998.. 529 158	209 688	74 285	245 185	542 613	237 435	66 277	238 900	1	1	2	1							
		1997.. 541 252	234 308	65 627	241 317	528 913	198 710	76 561	253 642	X	X	X	X							
337	Furniture & related product mfg ...	2000.. 8 242 247	2 875 744	1 762 994	3 603 509	7 904 348	2 714 334	1 664 233	3 525 781	2	3	3	2							
		1999.. 7 982 460	2 740 190	1 686 960	3 555 310	7 598 496	2 535 288	1 635 681	3 427 526	2	2	3	2							
		1998.. 7 933 572	2 665 342	1 608 402	3 659 828	7 503 298	2 530 926	1 532 750	3 439 622	1	1	1	1							
		1997.. 7 526 301	2 509 282	1 544 951	3 472 068	7 359 747	2 529 393	1 522 555	3 307 799	X	X	X	X							
3371	Household & institutional furniture & kitchen cabinet mfg .....	2000.. 5 519 219	2 007 981	1 188 091	2 323 146	5 308 162	1 902 265	1 132 977	2 272 921	2	3	4	2							
		1999.. 5 374 600	1 924 190	1 152 090	2 298 320	5 054 664	1 768 771	1 112 064	2 173 828	2	3	4	1							
		1998.. 5 235 367	1 832 574	1 076 999	2 325 795	4 934 043	1 752 980	1 013 747	2 167 316	1	1	1	1							
		1997.. 4 927 066	1 727 833	1 018 662	2 180 571	4 771 166	1 752 297	979 113	2 039 756	X	X	X	X							
33711	Wood kitchen cabinet & counter top mfg .....	2000.. 849 889	176 553	232 846	440 490	797 147	160 100	203 666	433 381	3	5	4	2							
		1999.. 791 652	158 830	201 945	430 878	774 811	154 370	203 383	417 058	3	5	5	2							
		1998.. 905 034	221 169	215 032	468 833	855 726	216 970	205 519	433 238	1	3	3	1							
		1997.. 847 580	204 941	205 650	436 989	810 947	203 481	207 362	400 104	X	X	X	X							
337110	Wood kitchen cabinet & counter top mfg .....	2000.. 849 889	176 553	232 846	440 490	797 147	160 100	203 666	433 381	3	5	4	2							
		1999.. 791 652	158 830	201 945	430 878	774 811	154 370	203 383	417 058	3	5	5	2							
		1998.. 905 034	221 169	215 032	468 833	855 726	216 970	205 519	433 238	1	3	3	1							
		1997.. 847 580	204 941	205 650	436 989	810 947	203 481	207 362	400 104	X	X	X	X							
33712	Household & institutional furniture mfg .....	2000.. 4 669 330	1 831 428	955 245	1 882 656	4 511 015	1 742 165	929 310	1 839 539	2	3	5	2							
		1999.. 4 582 948	1 765 361	950 145	1 867 442	4 279 853	1 614 402	908 681	1 756 770	2	3	4	2							
		1998.. 4 330 333	1 611 404	861 966	1 856 962	4 078 317	1 536 010	808 228	1 734 079	1	1	1	1							
		1997.. 4 079 486	1 522 892	813 012	1 743 582	3 960 219	1 548 816	771 751	1 639 652	X	X	X	X							
337121	Upholstered household furniture mfg .....	2000.. 902 218	176 852	169 529	555 837	858 893	169 926	151 424	537 543	2	2	5	2							
		1999.. 880 987	177 520	156 358	547 108	836 289	168 562	146 443	521 284	1	2	2	2							
		1998.. 879 113	184 894	151 250	542 969	827 229	173 351	157 001	496 878	1	2	1	1							
		1997.. 826 855	173 297	156 947	496 611	773 350	161 437	145 117	466 796	X	X	X	X							
337122	Nonupholstered wood household furniture mfg ...	2000.. 2 476 608	1 222 393	521 652	732 563	2 451 481	1 172 956	529 436	749 089	3	3	8	3							
		1999.. 2 475 711	1 180 023	540 250	755 438	2 273 468	1 055 116	515 069	703 283	3	4	7	3							
		1998.. 2 260 555	1 060 955	456 419	743 180	2 152 330	1 039 617	415 424	697 289	1	1	1	1							
		1997.. 2 138 784	1 025 510	414 170	699 104	2 125 142	1 041 578	410 511	673 053	X	X	X	X							
337124	Metal household furniture mfg .....	2000.. 425 746	162 026	81 567	182 153	366 173	137 359	70 076	158 737	5	7	4	7							
		1999.. 364 376	136 662	69 774	157 940	335 207	131 541	65 803	137 863	4	6	3	6							
		1998.. 389 737	149 291	73 666	166 780	349 471	128 983	63 825												

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
337	Furniture & related product mfg—Con.												
3371	Household & institutional furniture & kitchen cabinet mfg—Con.												
33712	Household & institutional furniture mfg—Con.												
337129	Wood television, radio, & sewing machine cabinet mfg .....	2000.. 35 074	8 933	11 455	14 686	34 977	8 508	11 487	14 983	12	3	5	28
		1999.. 40 545	9 536	11 593	19 416	39 024	7 376	9 751	21 897	8	4	6	16
		1998.. 33 412	7 787	10 208	15 417	34 361	7 366	10 168	16 827	5	3	3	11
		1997.. 33 889	7 264	9 838	16 787	36 828	16 869	8 026	11 933	X	X	X	X
3372	Office furniture (including fixtures) mfg .....	2000.. 2 077 924	687 453	511 714	878 757	1 976 642	629 486	475 878	871 278	5	7	6	6
		1999.. 1 988 893	633 846	480 110	874 938	1 931 490	601 008	466 999	863 483	4	4	5	6
		1998.. 2 073 011	657 210	478 738	937 064	1 990 422	613 958	471 049	905 416	1	2	2	2
		1997.. 2 009 409	614 357	475 998	919 054	2 011 889	611 351	489 227	911 311	X	X	X	X
33721	Office furniture (including fixtures) mfg .....	2000.. 2 077 924	687 453	511 714	878 757	1 976 642	629 486	475 878	871 278	5	7	6	6
		1999.. 1 988 893	633 846	480 110	874 938	1 931 490	601 008	466 999	863 483	4	4	5	6
		1998.. 2 073 011	657 210	478 738	937 064	1 990 422	613 958	471 049	905 416	1	2	2	2
		1997.. 2 009 409	614 357	475 998	919 054	2 011 889	611 351	489 227	911 311	X	X	X	X
337211	Wood office furniture mfg ..	2000.. 363 536	93 309	75 954	194 273	345 057	79 778	79 784	185 495	5	18	8	7
		1999.. 341 978	79 111	79 026	183 841	336 387	71 165	77 912	187 309	3	13	7	5
		1998.. 337 279	71 184	80 569	185 525	321 307	71 412	74 080	175 816	2	2	2	4
		1997.. 343 361	77 399	77 367	188 595	329 868	77 158	78 555	174 155	X	X	X	X
337212	Custom architectural woodwork & millwork mfg .....	2000.. 242 897	82 880	76 128	83 889	230 881	72 931	67 909	90 040	16	31	9	15
		1999.. 214 464	60 597	67 410	86 457	198 239	54 523	67 658	76 057	15	25	7	20
		1998.. 209 899	54 854	70 514	84 532	201 589	52 422	67 318	81 849	3	6	4	2
		1997.. 207 516	54 243	69 213	84 060	204 850	60 405	66 721	77 724	X	X	X	X
337214	Office furniture (except wood) mfg .....	2000.. 448 026	124 254	72 557	251 216	482 013	113 726	87 612	280 674	6	21	5	4
		1999.. 479 526	112 682	87 214	279 629	482 732	111 017	89 795	281 920	3	5	4	3
		1998.. 522 577	127 784	84 227	310 567	499 920	109 391	92 727	297 802	2	4	7	1
		1997.. 495 458	106 816	93 489	295 153	511 197	108 008	108 722	294 467	X	X	X	X
337215	Showcase, partition, shelving, & locker mfg ....	2000.. 1 023 465	387 011	287 075	349 379	918 691	363 050	240 573	315 068	8	5	11	14
		1999.. 952 925	381 456	246 459	325 010	914 132	364 302	231 633	318 197	8	5	10	15
		1998.. 1 003 256	403 388	243 428	356 440	967 606	380 733	236 924	349 949	2	3	4	3
		1997.. 963 074	375 899	235 929	351 246	965 974	365 780	235 229	364 965	X	X	X	X
3379	Other furniture related product mfg .....	2000.. 645 105	180 310	63 189	401 606	619 544	182 583	55 378	381 582	4	7	8	5
		1999.. 618 967	182 154	54 760	382 052	612 342	165 509	56 618	390 215	5	7	8	7
		1998.. 625 194	175 559	52 666	396 969	578 833	163 989	47 953	366 890	2	2	5	4
		1997.. 589 826	167 092	50 291	372 443	576 692	165 745	54 215	356 732	X	X	X	X
33791	Mattress mfg .....	2000.. 249 471	53 753	27 976	167 741	230 388	53 934	23 898	152 556	5	20	9	3
		1999.. 229 293	53 711	23 677	151 906	219 507	47 588	21 585	150 335	5	20	6	2
		1998.. 245 071	57 273	23 164	164 633	235 047	55 564	21 071	158 412	2	4	8	3
		1997.. 235 030	56 602	20 983	157 445	215 106	53 906	20 421	140 779	X	X	X	X
337910	Mattress mfg .....	2000.. 249 471	53 753	27 976	167 741	230 388	53 934	23 898	152 556	5	20	9	3
		1999.. 229 293	53 711	23 677	151 906	219 507	47 588	21 585	150 335	5	20	6	2
		1998.. 245 071	57 273	23 164	164 633	235 047	55 564	21 071	158 412	2	4	8	3
		1997.. 235 030	56 602	20 983	157 445	215 106	53 906	20 421	140 779	X	X	X	X
33792	Blind & shade mfg .....	2000.. 395 634	126 557	35 213	233 864	389 156	128 649	31 480	229 027	5	5	13	8
		1999.. 389 673	128 443	31 084	230 147	392 835	117 922	35 033	239 880	7	4	13	12
		1998.. 380 123	118 286	29 502	232 336	343 786	108 425	26 883	208 479	4	1	7	6
		1997.. 354 796	110 490	29 308	214 998	361 586	111 839	33 794	215 953	X	X	X	X
337920	Blind & shade mfg .....	2000.. 395 634	126 557	35 213	233 864	389 156	128 649	31 480	229 027	5	5	13	8
		1999.. 389 673	128 443	31 084	230 147	392 835	117 922	35 033	239 880	7	4	13	12
		1998.. 380 123	118 286	29 502	232 336	343 786	108 425	26 883	208 479	4	1	7	6
		1997.. 354 796	110 490	29 308	214 998	361 586	111 839	33 794	215 953	X	X	X	X
339	Miscellaneous mfg .....	2000.. 17 398 357	8 284 002	2 976 972	6 137 384	16 310 882	7 571 380	2 815 941	5 923 561	1	1	1	1
		1999.. 16 521 707	7 680 178	2 821 652	6 019 877	15 707 278	7 193 720	2 679 982	5 833 576	1	1	1	1
		1998.. 16 712 496	7 665 367	2 991 773	6 055 356	15 486 790	7 114 179	2 912 532	5 460 079	1	1	2	1
		1997.. 15 538 943	7 161 009	2 838 817	5 539 117	15 263 747	7 039 358	2 974 373	5 250 016	X	X	X	X
3391	Medical equipment & supplies mfg .....	2000.. 7 848 168	3 676 189	1 352 221	2 819 758	7 336 858	3 364 241	1 281 572	2 691 045	2	2	2	2
		1999.. 7 567 607	3 490 204	1 313 807	2 763 596	7 035 189	3 159 458	1 248 979	2 626 752	1	2	2	2
		1998.. 7 628 710	3 379 151	1 457 071	2 792 488	7 090 198	3 218 788	1 403 265	2 468 144	2	1	4	2
		1997.. 6 881 043	3 148 088	1 289 448	2 443 507	6 738 204	3 093 724	1 468 974	2 175 506	X	X	X	X
33911	Medical equipment & supplies mfg .....	2000.. 7 848 168	3 676 189	1 352 221	2 819 758	7 336 858	3 364 241	1 281 572	2 691 045	2	2	2	2
		1999.. 7 567 607	3 490 204	1 313 807	2 763 596	7 035 189	3 159 458	1 248 979	2 626 752	1	2	2	2
		1998.. 7 628 710	3 379 151	1 457 071	2 792 488	7 090 198	3 218 788	1 403 265	2 468 144	2	1	4	2
		1997.. 6 881 043	3 148 088	1 289 448	2 443 507	6 738 204	3 093 724	1 468 974	2 175 506	X	X	X	X
339111	Laboratory apparatus & furniture mfg .....	2000.. 411 682	121 736	88 739	201 207	329 182	98 149	68 734	162 299	5	4	9	5
		1999.. 356 332	103 201	76 560	176 572	380 674	113 471	84 880	182 323	4	4	8	5
		1998.. 386 758	118 689	89 008	179 061	369 510	107 544	82 120	179 846	3	4	8	3
		1997.. 406 996	121 122	85 227	200 647	367 983	121 187	86 921	159 875	X	X	X	X
339112	Surgical & medical instrument mfg .....	2000.. 2 977 593	1 209 797	565 479	1 202 317	2 802 477	1 138 305	494 617	1 169 555	3	4	3	4
		1999.. 2 935 605	1 220 681	500 456	1 214 468	2 755 618	1 080 132	481 187	1 194 299	3	4	3	4
		1998.. 2 688 547	1 090 094	506 991	1 091 462	2 496 405	1 032 663	492 780	970 961	2	3	4	2
		1997.. 2 521 982	1 034 629	506 004	981 349	2 402 534	973 982	566 354	862 198	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
339	Miscellaneous mfg—Con.												
3391	Medical equipment & supplies mfg—Con.												
33911	Medical equipment & supplies mfg—Con.												
339113	Surgical appliance & supplies mfg.....	2000.. 2 877 306	1 500 406	443 400	933 500	2 713 870	1 360 160	473 473	880 238	2	2	4	3
		1999.. 2 743 736	1 383 755	480 124	879 857	2 476 800	1 214 245	430 373	832 182	2	1	4	3
		1998.. 2 834 570	1 296 789	527 823	1 009 959	2 526 136	1 259 545	432 405	834 186	3	1	10	5
		1997.. 2 415 789	1 223 333	377 089	815 367	2 472 236	1 268 600	417 312	786 324	X	X	X	X
339114	Dental equipment & supplies mfg.....	2000.. 480 111	211 169	107 250	161 691	499 450	219 231	111 220	168 999	4	5	8	5
		1999.. 511 380	223 942	114 602	172 837	495 401	204 081	116 209	175 110	4	8	4	4
		1998.. 538 811	226 706	128 407	183 698	552 899	228 150	148 495	176 253	9	9	10	8
		1997.. 477 648	196 293	127 224	154 131	436 684	182 604	131 335	122 745	X	X	X	X
339115	Ophthalmic goods mfg.....	2000.. 716 005	481 358	41 884	192 764	659 409	415 816	44 464	199 129	5	5	13	4
		1999.. 676 777	421 658	49 660	205 460	585 441	410 796	44 508	130 137	3	3	7	4
		1998.. 598 579	423 257	44 250	131 072	540 806	369 127	50 817	120 862	1	1	1	3
		1997.. 539 152	367 652	50 151	121 349	535 564	363 350	68 600	103 614	X	X	X	X
339116	Dental laboratories.....	2000.. S	S	S	S	S	S	S	S	5	5	5	4
		1999.. S	S	S	S	S	S	S	S	4	5	5	4
		1998.. S	S	S	S	S	S	S	S	X	X	X	X
		1997.. S	S	S	S	S	S	S	S	X	X	X	X
3399	Other miscellaneous mfg.....	2000.. 9 550 189	4 607 813	1 624 751	3 317 626	8 974 024	4 207 139	1 534 369	3 232 516	1	2	2	2
		1999.. 8 954 101	4 189 975	1 507 844	3 256 282	8 672 090	4 034 262	1 431 003	3 206 825	1	1	2	1
		1998.. 9 083 786	4 286 217	1 534 702	3 262 868	8 396 592	3 895 391	1 509 266	2 991 935	1	1	2	1
		1997.. 8 657 900	4 012 921	1 549 369	3 095 610	8 525 543	3 945 634	1 505 399	3 074 510	X	X	X	X
33991	Jewelry & silverware mfg.....	2000.. 1 947 782	1 148 754	300 228	498 799	1 846 591	1 055 885	295 467	495 239	3	2	6	4
		1999.. 1 848 954	1 051 206	288 010	509 738	1 752 996	978 252	281 007	493 736	3	3	6	3
		1998.. 1 813 667	1 021 681	302 921	489 065	1 675 274	915 218	288 067	471 988	2	2	5	2
		1997.. 1 724 328	936 610	298 220	489 498	1 724 663	919 058	284 563	521 042	X	X	X	X
339911	Jewelry (except costume) mfg.....	2000.. 1 341 802	759 448	212 838	369 515	1 275 516	692 804	207 142	375 571	4	4	8	5
		1999.. 1 306 211	707 013	211 403	387 795	1 191 528	630 039	190 319	371 170	3	4	8	4
		1998.. 1 174 596	612 051	201 224	361 321	1 125 044	573 295	200 238	351 510	3	3	6	3
		1997.. 1 166 947	595 043	205 901	366 003	1 165 096	590 962	200 027	374 107	X	X	X	X
339912	Silverware & plated ware mfg.....	2000.. 237 989	187 829	18 725	31 435	214 420	164 441	20 056	29 923	5	3	10	9
		1999.. 214 926	164 654	20 095	30 177	221 166	159 599	29 572	31 995	5	4	8	10
		1998.. 276 671	204 059	29 561	43 051	223 976	169 156	19 526	35 295	1	3	18	6
		1997.. 224 864	163 293	26 239	35 332	207 772	143 739	27 705	36 328	X	X	X	X
339913	Jewelers' material & lapidary work mfg.....	2000.. 140 385	86 271	33 572	20 541	133 233	80 945	31 855	20 433	2	2	9	4
		1999.. 133 015	80 828	31 806	20 381	128 323	77 331	31 148	19 845	2	2	8	4
		1998.. 123 431	74 038	28 611	20 782	127 074	71 081	31 578	24 414	5	5	4	6
		1997.. 130 081	75 217	28 885	25 979	137 954	73 795	23 971	40 188	X	X	X	X
339914	Costume jewelry & novelty mfg.....	2000.. 227 606	115 206	35 092	77 308	223 423	117 696	36 414	69 313	5	6	9	8
		1999.. 194 803	98 711	24 707	71 384	211 979	111 283	29 969	70 727	4	6	9	8
		1998.. 238 970	131 533	43 526	63 911	199 180	101 686	36 726	60 768	4	4	8	4
		1997.. 202 436	103 057	37 195	62 184	213 841	110 562	32 860	70 419	X	X	X	X
33992	Sporting & athletic goods mfg.....	2000.. 2 072 940	1 111 867	295 961	665 112	1 725 149	860 236	233 842	631 071	4	5	4	5
		1999.. 1 693 143	834 088	232 554	626 501	1 717 865	799 202	202 893	715 771	2	3	4	3
		1998.. 1 957 895	943 711	264 299	749 885	1 746 365	860 470	258 555	627 340	2	3	4	2
		1997.. 1 865 945	915 711	268 577	681 657	1 860 822	933 714	262 835	664 273	X	X	X	X
339920	Sporting & athletic goods mfg.....	2000.. 2 072 940	1 111 867	295 961	665 112	1 725 149	860 236	233 842	631 071	4	5	4	5
		1999.. 1 693 143	834 088	232 554	626 501	1 717 865	799 202	202 893	715 771	2	3	4	3
		1998.. 1 957 895	943 711	264 299	749 885	1 746 365	860 470	258 555	627 340	2	3	4	2
		1997.. 1 865 945	915 711	268 577	681 657	1 860 822	933 714	262 835	664 273	X	X	X	X
33993	Doll, toy, & game mfg.....	2000.. 635 040	328 631	71 356	235 053	667 531	350 470	72 281	244 780	5	6	11	7
		1999.. 690 583	372 449	72 611	245 523	676 511	367 079	70 688	238 743	4	5	10	6
		1998.. 714 040	383 883	83 067	247 090	674 760	363 456	82 772	228 533	3	2	8	4
		1997.. 678 134	368 496	81 244	228 394	674 007	351 193	84 640	238 174	X	X	X	X
339931	Doll & stuffed toy mfg.....	2000.. 85 510	50 370	4 818	30 322	82 656	46 146	7 375	29 135	13	10	17	23
		1999.. 84 894	47 350	7 743	29 802	72 490	41 313	7 162	24 016	11	8	10	22
		1998.. 65 578	41 136	8 623	15 819	58 080	35 003	5 557	17 520	6	6	17	16
		1997.. 62 577	36 724	6 012	19 841	58 151	36 676	7 480	13 995	X	X	X	X
339932	Game, toy, & children's vehicle mfg.....	2000.. 549 530	278 261	66 538	204 731	584 874	304 324	64 906	215 645	5	6	12	7
		1999.. 605 689	325 100	64 868	215 721	604 020	325 766	63 526	214 728	4	5	11	6
		1998.. 648 462	342 747	74 445	231 270	616 680	328 453	77 214	211 013	3	3	9	4
		1997.. 615 557	331 772	75 232	208 553	615 856	314 517	77 160	224 179	X	X	X	X
33994	Office supplies (except paper) mfg.....	2000.. 567 966	270 319	91 139	206 507	627 928	299 376	110 789	217 763	2	3	4	3
		1999.. 634 520	300 304	112 095	222 121	664 653	327 531	111 306	225 817	2	2	3	3
		1998.. 720 876	347 974	123 578	249 325	675 554	328 771	117 988	228 796	1	1	2	3
		1997.. 681 082	325 365	127 074	228 643	662 025	287 807	136 223	237 995	X	X	X	X
339941	Pen & mechanical pencil mfg.....	2000.. 207 975	97 496	44 559	65 920	247 446	113 941	60 940	72 564	3	4	6	1
		1999.. 251 075	114 637	61 727	74 711	260 747	125 663	52 984	82 099	3	4	5	2
		1998.. 287 526	140 261	55 968	91 297	263 167	148 566	42 585	72 016	3	1	3	8
		1997.. 264 891	144 658	49 693	70 540	222 057	103 782	52 682	65 593	X	X	X	X
339942	Lead pencil & art good mfg.....	2000.. 200 494	103 116	25 874	71 505	224 169	116 701	28 014	79 454	3	4	5	7
		1999.. 220 237	114 417	27 453	78 367	233 937	129 784	35 233	68 919	3	3	5	6
		1998.. 245 997	131 045	39 425	75 526	222 822	103 261	46 173	73 388	1	1	2	2
		1997.. 219 845	100 531	47 395	71 919	245 662	106 421	55 640	83 601	X	X	X	X

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.**

[Thousand dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

NAICS code	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate <sup>1</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
339	Miscellaneous mfg—Con.												
3399	Other miscellaneous mfg—Con.												
33994	Office supplies (except paper) mfg—Con.												
339943	Marking device mfg .....	2000.. 69 561	29 783	8 207	31 570	66 061	29 393	6 895	29 773	9	10	6	12
		1999.. 71 689	31 491	7 644	32 554	73 783	31 886	7 148	34 748	8	10	12	11
		1998.. 82 365	35 557	9 395	37 414	80 506	34 672	9 296	36 539	1	2	4	1
		1997.. 80 708	34 838	9 685	36 185	77 271	33 689	7 698	35 884	X	X	X	X
339944	Carbon paper & inked ribbon mfg .....	2000.. 89 935	39 924	12 499	37 513	90 252	39 341	14 940	35 971	4	5	11	7
		1999.. 91 519	39 759	15 271	36 489	96 187	40 197	15 940	40 050	4	4	8	8
		1998.. 104 988	41 111	18 790	45 087	109 059	42 272	19 935	46 852	1	1	1	1
		1997.. 115 638	45 338	20 301	49 999	117 035	43 915	20 203	52 917	X	X	X	X
33995	Sign mfg .....	2000.. 1 033 614	230 406	352 761	450 447	986 739	230 501	328 628	427 609	4	4	5	4
		1999.. 979 426	226 387	328 025	425 014	877 983	207 415	296 681	373 886	3	3	4	4
		1998.. 822 334	214 437	258 194	349 703	802 650	201 524	271 690	329 435	4	7	6	4
		1997.. 804 933	201 437	269 926	333 570	793 671	200 373	256 540	336 758	X	X	X	X
339950	Sign mfg .....	2000.. 1 033 614	230 406	352 761	450 447	986 739	230 501	328 628	427 609	4	4	5	4
		1999.. 979 426	226 387	328 025	425 014	877 983	207 415	296 681	373 886	3	3	4	4
		1998.. 822 334	214 437	258 194	349 703	802 650	201 524	271 690	329 435	4	7	6	4
		1997.. 804 933	201 437	269 926	333 570	793 671	200 373	256 540	336 758	X	X	X	X
33999	All other miscellaneous mfg ..	2000.. 3 292 849	1 517 835	513 306	1 261 707	3 120 086	1 410 671	493 361	1 216 053	2	3	2	3
		1999.. 3 107 475	1 405 540	474 550	1 227 385	2 982 083	1 354 784	468 428	1 158 871	2	3	2	2
		1998.. 3 054 974	1 374 531	502 642	1 177 800	2 821 989	1 225 952	490 194	1 105 843	1	2	2	1
		1997.. 2 903 478	1 265 302	504 328	1 133 848	2 810 355	1 253 489	480 598	1 076 268	X	X	X	X
339991	Gasket, packing, & sealing device mfg .....	2000.. 646 163	297 160	133 481	215 522	658 737	292 493	135 547	230 696	6	12	4	5
		1999.. 589 289	263 850	106 041	219 397	582 306	284 021	110 115	188 170	6	14	4	5
		1998.. 561 308	281 504	99 515	180 290	580 040	295 109	101 863	183 068	6	8	7	4
		1997.. 589 679	297 466	106 518	185 695	588 439	303 187	105 108	180 144	X	X	X	X
339992	Musical instrument mfg ....	2000.. 426 827	151 363	99 836	175 627	369 971	119 223	89 418	161 330	3	5	8	5
		1999.. 373 405	120 307	90 537	162 561	334 754	106 999	96 751	131 004	3	4	7	5
		1998.. 362 505	124 869	108 217	129 419	332 909	94 860	105 648	132 401	3	13	3	5
		1997.. 332 034	94 698	105 109	132 227	319 066	101 437	102 737	114 892	X	X	X	X
339993	Fastener, button, needle, & pin mfg .....	2000.. 150 981	60 470	44 043	46 468	137 830	56 168	41 388	40 274	3	5	4	3
		1999.. 143 312	58 751	42 883	41 678	140 983	57 899	41 919	41 164	3	4	2	4
		1998.. 147 269	59 254	43 009	45 006	144 519	58 754	42 498	43 267	2	3	3	1
		1997.. 150 258	61 568	44 679	44 011	140 984	53 704	40 160	47 120	X	X	X	X
339994	Broom, brush, & mop mfg ..	2000.. 349 792	171 681	36 310	141 800	346 880	174 927	32 374	139 578	4	3	6	5
		1999.. 345 714	174 361	32 594	138 759	356 485	168 526	34 177	153 783	3	3	5	4
		1998.. 363 654	169 592	35 574	158 488	328 381	147 763	33 989	146 629	1	2	3	2
		1997.. 356 842	163 038	36 859	156 945	320 787	147 681	33 234	139 872	X	X	X	X
339995	Burial casket mfg .....	2000.. 100 833	59 441	16 882	24 509	101 842	57 471	18 136	26 235	6	5	6	9
		1999.. 105 434	58 273	18 796	28 365	115 309	66 314	19 125	29 870	4	4	5	6
		1998.. 117 159	67 827	19 043	30 289	113 384	67 925	19 178	26 281	1	1	1	1
		1997.. 114 667	68 930	19 039	26 698	119 982	72 334	19 588	28 060	X	X	X	X
339999	All other miscellaneous mfg .....	2000.. 1 618 254	777 720	182 753	657 781	1 504 828	710 388	176 499	617 940	3	4	3	4
		1999.. 1 550 320	729 999	183 698	636 623	1 452 247	671 025	166 341	614 881	3	4	4	4
		1998.. 1 503 077	671 486	197 283	634 308	1 322 756	561 541	187 019	574 196	1	1	2	2
		1997.. 1 359 998	579 602	192 124	588 272	1 321 097	575 146	179 771	566 180	X	X	X	X

<sup>1</sup>Description of relative standard error of estimate is given in Appendix B. Percentage standard errors shown are approximate relative standard errors of estimates of level.

Note: Previous years' data may differ from that published in the 1999 Annual Survey of Manufactures because of changes encountered in subsequent review of the 2000 Annual Survey of Manufactures review.

# Appendix A.

## Explanation of Terms

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### **BEGINNING- AND END-OF-YEAR INVENTORIES**

Respondents were asked to report their beginning-of-year and end-of-year inventories at cost or market. Effective with the 1982 Economic Census, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). Beginning in 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

### **Inventory Data by Stage of Fabrication**

Total inventories and three detailed components (finished goods, work-in-process, and materials, supplies, fuels, etc.) were collected.

When using inventory data by stage of fabrication, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by an establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for all publication levels.

### **TOTAL CAPITAL EXPENDITURES (NEW AND USED)**

For establishments in operation and any known plants under construction, manufacturers were asked to report their new and used expenditures for (1) permanent additions and major alterations to manufacturing establishments and (2) machinery and equipment used for replacement and additions to plant capacity if they were of the type for which depreciation accounts were ordinarily maintained.

Totals for expenditures include the costs of assets leased from nonmanufacturing concerns through capital leases. New facilities owned by the federal government but operated under contract by private companies and plant and equipment furnished to the manufacturer by communities and nonprofit organizations are excluded. Also excluded are expenditures for land and cost of maintenance and repairs charged as current operating expenses.

For any equipment or structure transferred for the use of the reporting establishment by the parent company or one of its subsidiaries, the value at which it was transferred to the establishment was to be reported.

If an establishment changed ownership during the year, the cost of the fixed assets (building and equipment) was to be reported.

### **QUANTITY OF ELECTRIC ENERGY CONSUMED FOR HEAT AND POWER**

Data on the quantity of purchased electric energy were collected. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other establishments of the same company.

### **COST OF MATERIALS**

This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

Included in this item are:

1. **Cost of parts, components, containers, etc.** Includes all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year.
2. **Cost of products bought and sold without further processing.**
3. **Cost of fuels consumed for heat and power.** Includes the cost of fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.
4. **Cost of purchased electricity.** The cost of purchased electric energy represents the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.



5. **Cost of contract work.** This term applies to work done by others on materials furnished by the manufacturing establishment. The actual cost of the material was reported on the cost of materials, parts, and containers line of this item. The term "Contract Work" refers to the fee a company pays to another company to perform a service.

### **Duplication in Cost of Materials and Value of Shipments**

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the survey.

Duplication of products within individual industries is significant within a number of industry groups; e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs of value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

### **VALUE OF SHIPMENTS**

This item covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and sold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or

shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiestablishment companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

### **Duplication in Cost of Materials and Value of Shipments**

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills industry products to bakeries in the food group and the addition of pulp mills industry products to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the annual survey.

Duplication of products within individual industries is significant within a number of industry groups; e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

### **PAYROLL**

This item includes the gross earnings of all employees on the payrolls of operating manufacturing establishments paid in the calendar year. Respondents were told they could follow the definition of payrolls used for calculating

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the federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of armed forces and pensioners carried on the active payrolls of manufacturing establishments.

The census definition of payrolls is identical to that recommended to all federal statistical agencies by the Office of Management and Budget. It should be noted that this definition does not include employers' social security contributions or other nonpayroll labor costs, such as employees' pension plans, group insurance premiums, and workers' compensation.

### **PRODUCTION-WORKER HOURS**

This item covers hours worked or paid for at the manufacturing establishment, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave.

### **VALUE ADDED**

This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (i.e., the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

For those industries where value of production is collected instead of value of shipments, value added is adjusted only for the change in work-in-process inventories between the beginning and end of year. For those industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

"Value added" avoids the duplication in the figure for value of shipments that results from the use of products of some establishments as materials by others. Value added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

### **EMPLOYEES**

This item includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period which included the 12th

of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average for the payroll periods including the 12th of March, May, August, and November.

### **Production Workers**

This item includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Employees above the working-supervisor level are excluded from this item.

### **All Other Employees**

This item covers nonproduction employees of the manufacturing establishment, including those engaged in factory supervision above the line-supervisor level. It includes sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical employees. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force.

### **FRINGE BENEFITS**

Fringe benefits consists of legally required expenditures and payments for voluntary programs. The legally required portion consists primarily of federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation whether they were employer initiated or the result of collective bargaining. They include the employer portion of such plans as insurance premiums, premiums for supplemental accident and sickness insurance, pension plans, supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. They exclude such items as company-operated cafeterias, in-plant medical services, free parking lots, discounts on employee purchases, and uniforms and work clothing for employees.

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**TOTAL COMPENSATION**

This term refers to the annual payroll or gross earnings paid in each calendar year to employees at the establishment. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers

of corporations; it excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of armed forces and pensioners carried on the active payrolls of manufacturing establishments.

It should be noted that this definition does not include employers' social security contributions or other nonpayroll labor costs, such as employees' pension plans, group insurance premiums, and workers' compensation.

# Appendix B.

## Coverage and Methodology

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### DESCRIPTION OF THE ASM SURVEY SAMPLE

The ASM sample is selected at 5-year intervals. A new sample is introduced for the second survey year subsequent to each census. Since 1999 was the second survey year following the 1997 census, a new sample was selected based on the 1997 census.

In 1997, both the Census and ASM converted from the SIC system to NAICS for purposes of assigning industrial classifications to establishments. For the most part, the overall scope of the manufacturing sector is similar under both classification systems; however, there are selected activities that are classified as manufacturing under SIC that are considered as nonmanufacturing under NAICS. The reverse is also true.

In 1997, there were approximately 366,000 individual manufacturing establishments. For sample efficiency and cost considerations, the 1997 manufacturing population was partitioned into two components: a mail stratum and a nonmail stratum.

#### Mail stratum

The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies that operate at more than one physical location). Approximately 200,000 of the 366,000 establishments in the 1997 census were assigned to the mail stratum.

On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 52,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample will be mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Several adjustments were made, however, to the arbitrary certainty portion of the sample. Companies in the 1997 Census of Manufactures with manufacturing shipments of at least \$1 billion were defined as company certainties. (This cutoff was raised for 1999 to

compensate for inflation.) For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 14,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 500 employees or more were defined as employment certainties. (This was raised from 250 in the 1994 sample.) In addition, all establishments producing electronic computers were defined as certainties. A final certainty category, small industry certainties, was added for the 1999 sample. This category assured that all establishments of small industries (20 establishments or less) were included in the sample. Across these four arbitrary certainty classes, there were approximately 16,600 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 62 percent of the total value of shipments in the 1997 Census of Manufactures.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class and industry, a desired reliability constraint was specified. The product class constraints were based on product class size (1997 shipments) while the industry constraints were a function of both current size (1997 shipments) and change in size since 1992. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by our primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling).

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## Nonmail component

The initial nonmail component of the ASM traditionally consists solely of small, single-establishment companies from the census of manufactures. For 1999, the initial nonmail component also included approximately 3,600 single-establishment companies that were rotated from the mail stratum to the nonmail stratum in order to prevent their selection in consecutive sample panels. The combined initial nonmail component of the 1999 sample universe contained approximately 166,000 single-establishment companies from the 1997 Census of Manufactures. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the IRS and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum.

For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions that safeguard the confidentiality of both tax and census records.

## DESCRIPTION OF THE ASM ESTIMATING PROCEDURE

Most of the ASM estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1999-2002 ASM estimates, the 1997 Census of Manufactures values serve as the base year. For the 2003 ASM, the base will be updated to the 2002 Economic Census - Manufacturing.

Because of the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contains approximately 202,000 individual establishments in 1999, it accounts for only 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication.

## QUALIFICATIONS OF THE ASM DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence

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that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some

extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

