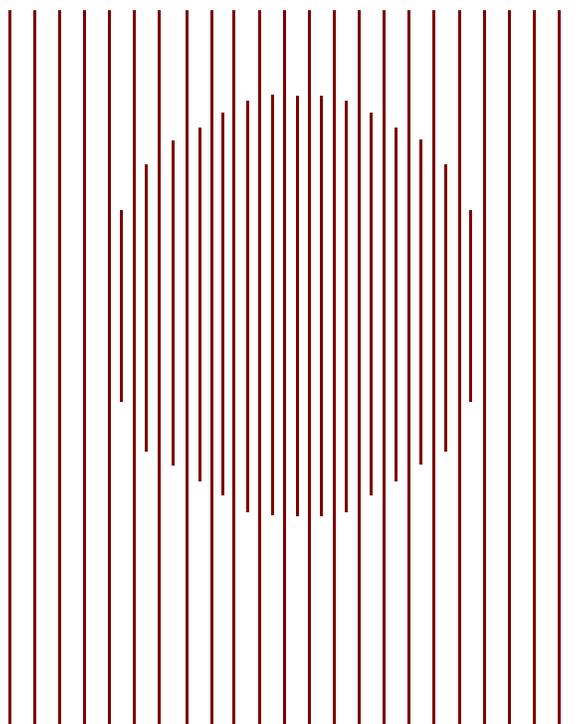


CBO PAPERS

**PUBLIC INFRASTRUCTURE
SPENDING AND AN ANALYSIS OF
THE PRESIDENT'S PROPOSALS
FOR INFRASTRUCTURE SPENDING
FROM 1996 TO 2000**

June 1995



CONGRESSIONAL BUDGET OFFICE

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**CONGRESSIONAL BUDGET OFFICE
SECOND AND D STREETS, S.W.
WASHINGTON, D.C. 20515**

NOTES

All years referred to in this paper are fiscal years.

Discussions of the President's proposals and the President's budget refer to the *Budget of the United States Government, Fiscal Year 1996*, submitted by President Clinton to the Congress in February 1995.

All figures in the section "Inflation-Adjusted Trends in Public Spending and Proposed Federal Spending for Infrastructure" are in 1990 dollars.

All figures in the section "The President's 1996 Budget: Infrastructure Proposals for the 1996-2000 Period" are in nominal dollars.

The baseline projections of the Congressional Budget Office show the likely path of spending if current laws remain unchanged. The baseline does not project budget outcomes but instead provides a benchmark against which different policies can be compared. Previously, CBO's baseline referred to the projection of current-year levels of budget authority, outlays, revenues, and the surplus or deficit--adjusting for inflation in discretionary appropriations--into the budget year and the out-years. Currently, CBO also provides baseline projections without adjusting for inflation. Although both baseline projections are provided in the tables, all baseline comparisons in the text refer to the inflation-adjusted baseline.

All CBO baseline references are to the March 1995 baseline.

Data on state and local outlays and total public outlays are available through 1991; data on federal outlays are provided through 1995.

Numbers in the text and tables of this paper may not add to totals because of rounding.

PREFACE

At the request of the House Committee on Transportation and Infrastructure, this Congressional Budget Office (CBO) paper continues the detailed analysis of infrastructure outlays in CBO's August 1993 paper *Updating Trends in Public Infrastructure Spending and Analyzing the President's Proposals for Infrastructure Spending from 1994 to 1998*. In addition, it analyzes current and future spending proposals through 2000 based on the budget submitted by President Clinton to the Congress in February 1995.

Aaron Zeisler of CBO's Natural Resources and Commerce Division wrote the paper under the supervision of Elliot Schwartz and Jan Paul Acton. The author wishes to thank many people, both inside and outside CBO, for their helpful contributions. Within CBO, John Patterson helped to prepare and analyze data related to the President's 1996 budget. David Sanders, Jeff Holland, and Robert Arnold were also of great assistance in preparing data. Elizabeth Pinkston offered many useful comments and suggestions. Outside CBO, Gerard Keffer of the Bureau of the Census facilitated the compiling of state and local spending data.

Paul L. Houts edited the manuscript, and Christian Spoor provided editorial assistance. Donna Wood and Kathryn Quattrone prepared the paper for publication.

June E. O'Neill
Director

June 1995

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SUMMARY

Public infrastructure outlays have risen in real (inflation-adjusted) terms throughout most of the 1956-1991 period. Since the end of the 1980s, however, state and local governments have contributed approximately 75 percent of those outlays, and current patterns of spending uphold that trend.

In 1994, total federal spending for infrastructure was \$45.3 billion in nominal terms (not adjusting for inflation). The mix between capital and noncapital outlays remained about the same--70 percent capital investment and 30 percent noncapital investment. Federal spending is estimated to rise again in 1995 to \$47.2 billion, a nominal increase of 4.3 percent, but a real increase of only 1.9 percent. If the contributions of state and local governments remain at their historical levels, total public spending for infrastructure for 1995 will increase.

As for the 1996-2000 period, the President's proposals would lead to a decrease in total infrastructure spending for most programs. Based on the President's budget, outlays for federal infrastructure programs in 1996 would fall by 2.2 percent in nominal terms--from \$47.2 billion in 1995 to \$46.2 billion. Although spending for all types of infrastructure would total \$225.5 billion (in nominal terms) from 1996 through 2000, spending for each category would decline by 2000. In addition, by 2000 outlays for all infrastructure programs would be at approximately 92 percent of their 1995 spending levels. Relative to the Congressional Budget Office (CBO) baseline, those increases would represent a 11.6 percent decline, or a difference of \$29.6 billion between the President's budget and CBO's inflation-adjusted baseline over the five years. When compared with the baseline, most of the decreases in spending during the 1996-2000 period would occur in surface transportation as well as water supply and wastewater treatment.

The Administration's proposed Unified Transportation Infrastructure Investment Program would encompass a large portion of federal spending and would give states and localities more control over investment decisions. However, outlays for highways, transit, rail, and aviation would fall by approximately \$0.5 billion in 1996, a 1.4 percent cut from 1995 levels. Compared with the CBO baseline, outlays for those programs would decline by \$21 billion over the 1996-2000 period. The President's budget has not specified those cuts by transportation mode. It would be left to the states to decide their own priorities for infrastructure in light of those budget reductions.

INTRODUCTION

The public facilities, resources, and services known as infrastructure are vital to the nation's production and distribution of private economic output, in addition to its citizens' overall quality of life. Infrastructure includes, for example, highways, mass transit, railways, airports, and water supply and wastewater treatment facilities. The cost of constructing, maintaining, and operating such infrastructure is great: during the 1980s, approximately 2.7 percent of the nation's gross domestic product (GDP) was spent annually for those purposes. By 1991, total public spending for infrastructure was \$158 billion.

This Congressional Budget Office (CBO) paper highlights trends in spending for infrastructure by all levels of government over the past 36 years. It also analyzes the President's proposals for federal infrastructure spending for 1996 through 2000 and compares them with the CBO's baseline projections. The data presented in this paper are based on data supplied by the Office of Management and Budget, the Bureau of the Census, and the CBO's Budget Analysis Division. The paper uses the same eight categories of infrastructure discussed in CBO's 1992 and 1993 papers on spending for infrastructure: highways, mass transit, rail, aviation, water transportation, water resources, water supply, and wastewater treatment facilities.¹ Like those papers, this analysis also divides spending into capital outlays (primarily the purchase, construction, or rehabilitation of physical assets) and noncapital outlays (primarily the operation and maintenance of physical assets).

Through 1994, CBO has updated the historical analysis of federal spending for infrastructure (total, direct, and indirect) that was presented in its 1993 paper. In addition, it has analyzed federal infrastructure budgets for 1995 and for 1996 through 2000.² Through 1991, CBO has calculated state and local government spending (both total spending and total spending net of federal grants and loans) as well as total public spending (total federal spending plus state and local spending net of federal grants and loans). Thus, this set of infrastructure data is continuous from 1956 through 1991 for total public spending (federal, state, and local) and continuous from 1956 through 2000 for federal spending. The appendix presents definitions, methods, and sources used to create the set of data.

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1. See Congressional Budget Office, *Trends in Public Infrastructure Outlays and the President's Proposals for Infrastructure Spending*, CBO Paper (May 1992), and *Updating Trends in Public Infrastructure Spending and Analyzing the President's Proposals for Infrastructure Spending from 1994 to 1998*, CBO Paper (August 1993).
 2. Estimates of federal spending are available for 1995 and for 1996 through 2000 in the *Budget of the United States Government, Fiscal Year 1996*. Data on state and local government spending are from the Bureau of the Census's *Government Finances* series and are available only through 1991. Thus, total spending by federal, state, and local governments (referred to as public spending) cannot be calculated for 1992 through 2000.

For more recent state and local government spending data, see Bureau of the Census, *Government Finances: 1991-1992, Preliminary Report* (August 1994).

INFLATION-ADJUSTED TRENDS IN PUBLIC SPENDING AND PROPOSED FEDERAL SPENDING FOR INFRASTRUCTURE

Total public spending for infrastructure has risen in inflation-adjusted (known as "real") terms over the 1956-1991 period (see Table 1).³ From 1981 to 1991, total expenditures increased steadily in real terms (falling only in 1982) at an average rate of 2.6 percent a year. Total outlays rose by 3.6 percent between 1990 and 1991--from \$147.6 billion to \$152.9 billion.

Although total public spending for infrastructure has increased, many of the underlying components of that spending have fluctuated. CBO estimates that they will continue to do so in the future. Those components reveal several changes.

- o *The relative contributions of federal, state, and local governments have varied widely.* Over the 1956-1976 period, federal spending for infrastructure was approximately 40 percent of state and local government spending and roughly 30 percent of total public spending. After peaking in 1977 at 39.4 percent, the federal share has continued to decline as a percentage of the total. Although both federal outlays and state and local outlays increased in 1991, federal spending relative to state and local government spending was still proportionally less than it had been in more than three decades: it was 32 percent of the size of the state and local government contribution and 24 percent of total public spending for infrastructure.
- o Capital outlays have fluctuated more than noncapital outlays.⁴ From 1956 through 1991, noncapital outlays increased steadily (see Table 2). Since 1973, they have grown almost every year. In contrast, capital outlays rose and fell over the 1956-1991 period. Nevertheless, since 1982, capital investment has increased every year at an average annual rate of 4.9 percent.
- o *Priorities for infrastructure programs have changed more at the federal level than at the state and local levels.* Federal infrastructure spending has always been dominated by spending for highways. During the 1970s, however, federal spending for infrastructure was relatively more focused on wastewater treatment, transit, and water supply. Beginning in the 1980s and

3. All spending referred to in the text, tables, and figures of this section is in 1990 dollars.

4. For a complete discussion, see Congressional Budget Office, *Trends in Public Infrastructure Outlays*.

TABLE 1. PUBLIC SPENDING FOR INFRASTRUCTURE, 1956-1991
(In millions of 1990 dollars)

Year	Total	Federal	Percentage of Total	State and Local ^a	Percentage of Total
1956	66,892	11,638	17.4	55,254	82.6
1957	71,836	12,787	17.8	59,050	82.2
1958	73,967	15,052	20.3	58,915	79.7
1959	78,022	21,605	27.7	56,418	72.3
1960	76,534	23,359	30.5	53,175	69.5
1961	81,329	23,472	28.9	57,857	71.1
1962	82,446	23,799	28.9	58,647	71.1
1963	85,192	24,756	29.1	60,435	70.9
1964	86,861	27,094	31.2	59,766	68.8
1965	90,444	29,229	32.3	61,215	67.7
1966	93,027	28,907	31.1	64,120	68.9
1967	95,769	28,619	29.9	67,151	70.1
1968	97,161	29,206	30.1	67,955	69.9
1969	99,230	28,737	29.0	70,493	71.0
1970	99,959	28,694	28.7	71,264	71.3
1971	105,999	32,044	30.2	73,955	69.8
1972	106,939	31,530	29.5	75,409	70.5
1973	104,430	32,974	31.6	71,456	68.4
1974	102,737	33,046	32.2	69,692	67.8
1975	106,136	33,855	31.9	72,281	68.1
1976	107,309	39,420	36.7	67,888	63.3
1977	107,550	42,345	39.4	65,205	60.6
1978	107,989	40,450	37.5	67,539	62.5
1979	113,798	41,528	36.5	72,270	63.5
1980	117,154	43,898	37.5	73,257	62.5
1981	118,112	42,648	36.1	75,464	63.9
1982	113,728	36,901	32.4	76,827	67.6
1983	115,716	35,229	30.4	80,487	69.6
1984	119,441	37,381	31.3	82,059	68.7
1985	124,821	38,438	30.8	86,383	69.2
1986	131,979	39,967	30.3	92,012	69.7
1987	137,046	36,037	26.3	101,010	73.7
1988	140,611	36,525	26.0	104,086	74.0
1989	142,676	35,541	24.9	107,135	75.1
1990	147,594	36,727	24.9	110,867	75.1
1991	152,919	37,297	24.4	115,621	75.6

SOURCE: Congressional Budget Office.

a. State and local outlays are net of federal grants and loans.

TABLE 2. PUBLIC CAPITAL AND NONCAPITAL SPENDING FOR
INFRASTRUCTURE, 1956-1991 (In millions of 1990 dollars)

Year	Total	Capital	Percentage of Total	Noncapital	Percentage of Total
1956	66,892	32,318	48.3	34,574	51.7
1957	71,836	34,462	48.0	37,374	52.0
1958	73,967	37,778	51.1	36,188	48.9
1959	78,022	40,941	52.5	37,081	47.5
1960	76,534	39,105	51.1	37,429	48.9
1961	81,329	41,611	51.2	39,719	48.8
1962	82,446	42,766	51.9	39,680	48.1
1963	85,192	44,043	51.7	41,149	48.3
1964	86,861	46,135	53.1	40,726	46.9
1965	90,444	47,997	53.1	42,447	46.9
1966	93,027	49,439	53.1	43,588	46.9
1967	95,769	50,055	52.3	45,714	47.7
1968	97,161	50,389	51.9	46,772	48.1
1969	99,230	51,725	52.1	47,505	47.9
1970	99,959	50,662	50.7	49,297	49.3
1971	105,999	54,361	51.3	51,638	48.7
1972	106,939	56,495	52.8	50,444	47.2
1973	104,430	54,103	51.8	50,327	48.2
1974	102,737	51,455	50.1	51,282	49.9
1975	106,136	50,707	47.8	55,429	52.2
1976	107,309	51,214	47.7	56,094	52.3
1977	107,550	48,229	44.8	59,320	55.2
1978	107,989	46,372	42.9	61,617	57.1
1979	113,798	49,838	43.8	63,960	56.2
1980	117,154	51,260	43.8	65,894	56.2
1981	118,112	48,228	40.8	69,884	59.2
1982	113,728	45,605	40.1	68,124	59.9
1983	115,716	46,448	40.1	69,268	59.9
1984	119,441	48,459	40.6	70,981	59.4
1985	124,821	52,470	42.0	72,351	58.0
1986	131,979	57,461	43.5	74,518	56.5
1987	137,046	60,730	44.3	76,316	55.7
1988	140,611	63,024	44.8	77,587	55.2
1989	142,676	63,355	44.4	79,321	55.6
1990	147,594	66,292	44.9	81,302	55.1
1991	152,919	69,895	45.7	83,024	54.3

SOURCE: Congressional Budget Office.

continuing in the 1990s, the federal focus shifted back to highways and aviation.⁵ The President's 1996 budget proposes to cut much of the spending for surface and air transportation. Most spending for highways, transit, rail, and aviation would come from a single unified account, giving state and local governments more decisionmaking control over investments. Compared with federal spending, state and local spending has changed little since the 1970s in most categories of infrastructure. However, some increases were seen in mass transit, aviation, and water resources.

- o *Although total real spending for infrastructure at the federal level has increased every year from 1989 to 1994 and is estimated to increase again in 1995, it would fall during the 1996-2000 period, based on the President's budget requests (see Table 3). Federal spending is estimated to be \$42.2 billion for 1995, a 1.9 percent increase over 1994 spending. Federal outlays under the President's budget for 1996 would fall to \$40.7 billion and would continue to decline at an average rate of 3.2 percent a year over the five-year budget period, reaching a low of \$35.9 billion by 2000.*

Federal Infrastructure Outlays

Total federal spending for infrastructure in 1956 (in constant 1990 dollars) was \$11.6 billion. Of those expenditures, roughly 35 percent went to highways, 10 percent to aviation, and 55 percent to water transportation and resources (see Table A-8 in the appendix).

By 1978, total federal spending had risen to \$40.5 billion. In addition, by that time the distribution of spending had changed: highways received 27 percent of the federal share; mass transit, 10 percent; rail, 8 percent; aviation, 15 percent; water transportation and resources, 23 percent; and water supply and wastewater treatment, 17 percent. After 1980, federal spending fell; by 1992, it stood at \$39.9 billion, \$4.0 billion below the \$43.9 billion peak of 1980. Once again, the distribution of spending among categories of infrastructure had changed, with increases only for highways and aviation.

In the 10-year period from 1984 to 1994, highway and aviation spending grew at average annual rates of 3.5 percent and 5.2 percent, respectively. Nevertheless, all other categories of spending for infrastructure have declined since 1984 in real terms.

Currently, most federal spending is directed toward highways--in 1994, spending for highways totaled \$18 billion, or 44 percent of the federal share (see Figure 1).

5. *Ibid.*

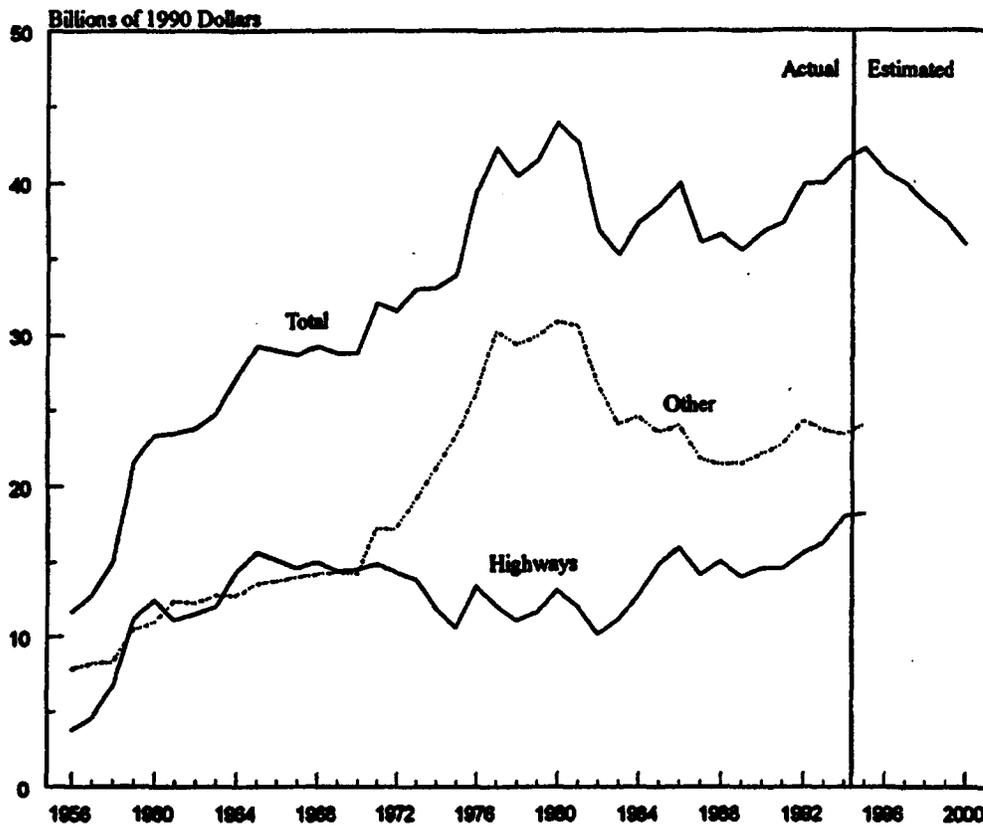
TABLE 3. FEDERAL CAPITAL AND NONCAPITAL SPENDING
FOR INFRASTRUCTURE, 1956-1996 (In millions of 1990 dollars)

Year	Total	Capital	Percentage of Total	Noncapital	Percentage of Total
1956	11,638	6,090	52.3	5,548	47.7
1957	12,787	7,280	56.9	5,506	43.1
1958	15,052	10,633	70.6	4,419	29.4
1959	21,605	15,249	70.6	6,356	29.4
1960	23,359	16,608	71.1	6,751	28.9
1961	23,472	16,133	68.7	7,339	31.3
1962	23,799	16,856	70.8	6,943	29.2
1963	24,756	17,365	70.1	7,391	29.9
1964	27,094	19,746	72.9	7,349	27.1
1965	29,229	20,983	71.8	8,246	28.2
1966	28,907	20,869	72.2	8,038	27.8
1967	28,619	20,276	70.8	8,343	29.2
1968	29,206	20,433	70.0	8,773	30.0
1969	28,737	19,738	68.7	8,999	31.3
1970	28,694	19,145	66.7	9,549	33.3
1971	32,044	21,105	65.9	10,939	34.1
1972	31,530	21,276	67.5	10,254	32.5
1973	32,974	22,195	67.3	10,779	32.7
1974	33,046	22,659	68.6	10,387	31.4
1975	33,855	22,053	65.1	11,802	34.9
1976	39,420	26,542	67.3	12,878	32.7
1977	42,345	29,167	68.9	13,178	31.1
1978	40,450	26,577	65.7	13,873	34.3
1979	41,528	27,775	66.9	13,753	33.1
1980	43,898	29,320	66.8	14,578	33.2
1981	42,648	25,947	60.8	16,701	39.2
1982	36,901	23,554	63.8	13,347	36.2
1983	35,229	23,266	66.0	11,964	34.0
1984	37,381	24,968	66.8	12,413	33.2
1985	38,438	26,659	69.4	11,778	30.6
1986	39,967	29,031	72.6	10,936	27.4
1987	36,037	25,076	69.6	10,961	30.4
1988	36,525	25,340	69.4	11,185	30.6
1989	35,541	24,238	68.2	11,303	31.8
1990	36,727	25,732	70.1	10,995	29.9
1991	37,297	26,368	70.7	10,929	29.3
1992	39,859	27,714	69.5	12,145	30.5
1993	39,998	28,402	71.0	11,596	29.0
1994	41,444	28,898	69.7	12,546	30.3
1995 ^a	42,247	29,718	70.3	12,529	29.7
1996 ^a	40,658	28,873	71.0	11,785	29.0

SOURCE: Congressional Budget Office.

a. Values for 1995 and 1996 are estimates.

FIGURE 1. FEDERAL SPENDING FOR HIGHWAYS AND OTHER TYPES OF INFRASTRUCTURE, 1956-2000



SOURCE: Congressional Budget Office.

NOTE: Spending levels for 1956 through 1994 are based on actual expenditures. Total spending for 1995 and for 1996 through 2000 are based on the President's 1996 budget. Spending for highways and other modes of surface transportation cannot be estimated beyond 1995 because the President's 1996 Unified Transportation Infrastructure Investment Program does not split spending among these modes.

Aviation had the highest rate of capital investment growth, 12.9 percent a year. In 1995, total federal spending for infrastructure is estimated to be \$42.2 billion in real terms, a 1.9 percent increase over 1994 levels. The President's proposals for infrastructure in his 1996 budget--for 1996 through 2000--would decrease federal outlays for infrastructure by 3.2 percent a year in real terms, on average, for all categories.

The President also proposes a reorganization--the Unified Transportation Infrastructure Investment Program (UTIIP)--that could affect the distribution of types of infrastructure investment over the 1996-2000 period. Starting in 1996, the UTIIP would combine about 70 percent of the programs previously falling under the categories of highways, mass transit, rail, and aviation into a single, unified account.⁶ Programs such as Interstate and National Highway Systems can still readily be identified as highway spending, regardless of whether that account appears separately or as a part of the UTIIP. For 1996, however, \$13.0 billion of the \$24.4 billion in budget authority for the UTIIP appears in three accounts that do not specify spending priorities: unified state block grants, state infrastructure banks, and discretionary grants.

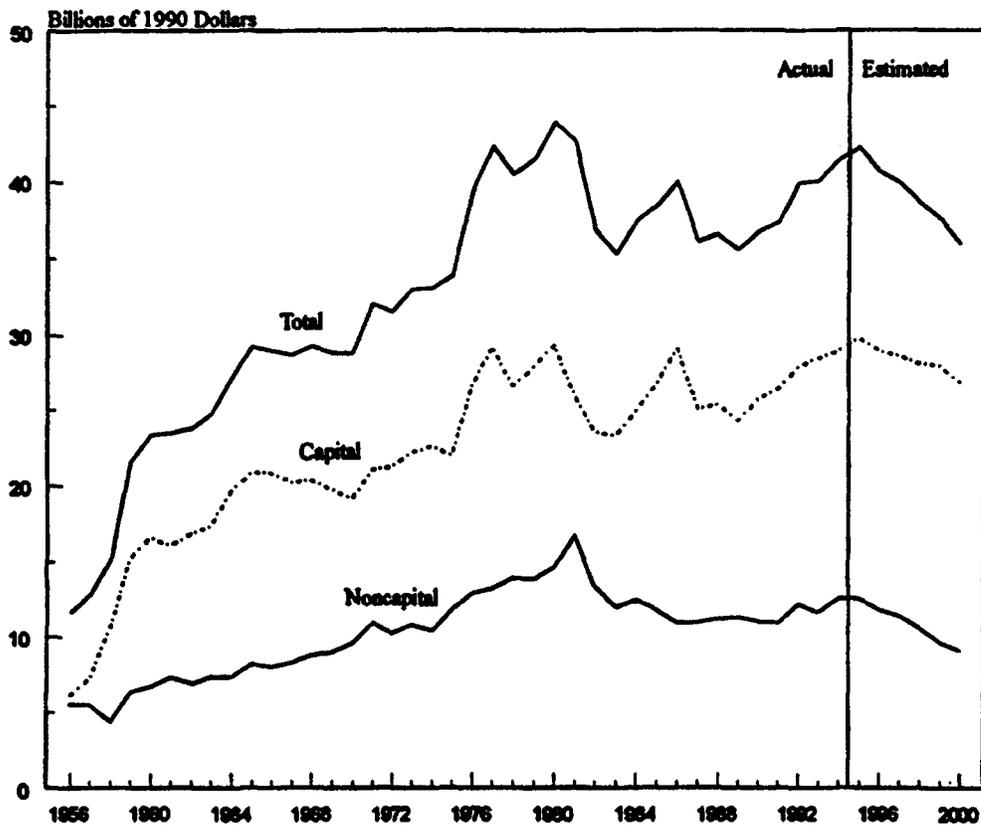
Direct Versus Indirect Outlays. Federal outlays for infrastructure may be indirect (grants-in-aid or loans to state and local governments) or direct (all other federal spending).⁷ For highways, transit, airport development (the capital portion), water supply, and wastewater treatment, more than 95 percent of total federal outlays take the form of grants or loans from the federal government (see Table A-10). Furthermore, subsidies for capital expenditures constitute the vast majority of such support: more than 95 percent of federal grants and loans for highways, airport development, water supply, and wastewater treatment and more than 85 percent of federal grants and loans for transit. The remaining categories of infrastructure--rail, airways (the noncapital portion), and water transportation and resources--receive federal funds in the form of direct outlays (see Table A-9). Of those outlays, approximately 70 percent are noncapital expenditures--primarily for rail, aviation, and water transportation and resources.

Capital Outlays. Since the early 1960s, capital outlays have accounted for most of the variation in total federal infrastructure spending (in contrast to noncapital outlays, which have fluctuated little) and most of the spending itself. Indeed, between 65 percent and 70 percent of total federal spending has been for capital expenditures (see Figure 2 and Table A-8).

6. Please see page 21 of this paper for further discussion of the UTIIP.

7. The definitions of direct and indirect spending, capital and noncapital follow the guidelines set forth in Office of Management and Budget, "Preparation and Submission of Budget Estimates," Circular A-11 (July 1994), pp 71-74.

FIGURE 2. FEDERAL CAPITAL AND NONCAPITAL SPENDING FOR INFRASTRUCTURE, 1956-2000



SOURCE: Congressional Budget Office.

NOTE: Spending levels for 1956 through 1994 are based on actual expenditures. Spending levels for 1995 and for 1996 through 2000 are estimates based on the President's 1996 budget.

During the 1970s, capital spending for most infrastructure programs rose in real terms, especially in the areas of mass transit and wastewater treatment, which received eightfold and tenfold increases, respectively, in their capital budgets during the 1970-1979 period. Only in one category--highways--did capital outlays fall over that period.

In the 1980s, many of the investment levels reached during the 1970s were reduced. In constant dollars, capital outlays fell significantly from 1980 through 1989 for rail, water transportation and resources, and water supply and wastewater treatment. For those categories of infrastructure, total capital outlays declined in real terms from \$13.2 billion in 1980 to \$5.7 billion in 1989.

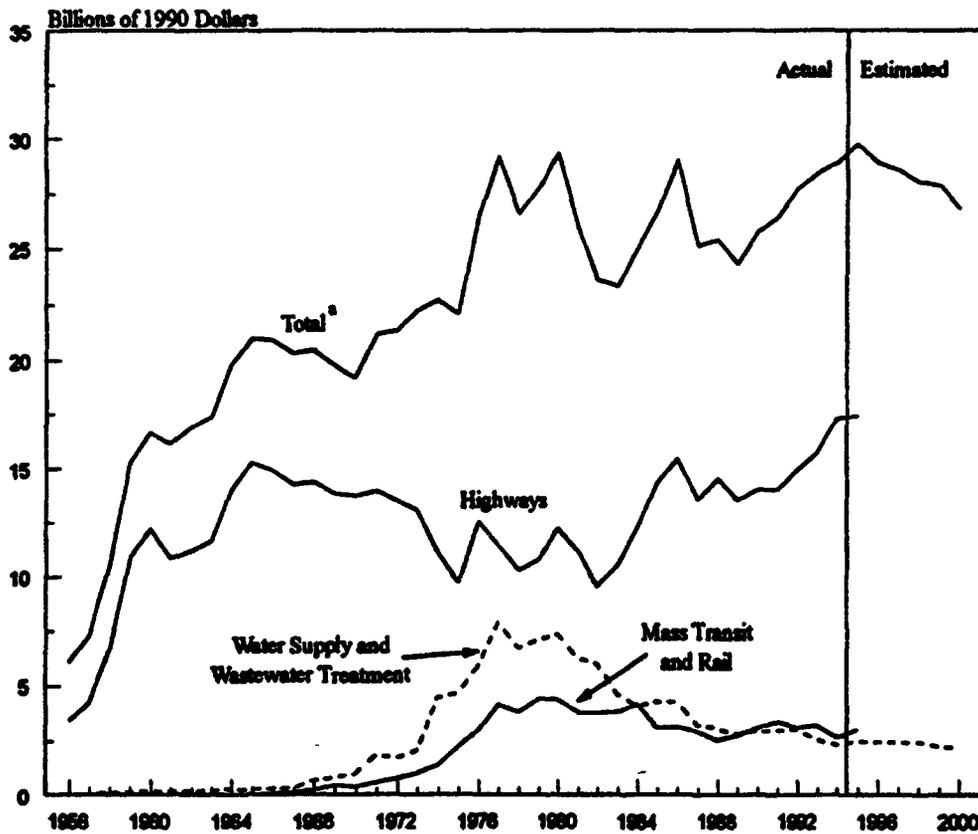
In the late 1980s and early 1990s, capital investment in highways, rail, aviation, and water transportation began to increase. Between 1984 and 1994, federal capital outlays for highways grew from 49 percent to 60 percent of all capital spending. Capital spending for highways grew more than spending in any other category in 1994, increasing by \$1.6 billion to a level of \$17.3 billion. Trends in capital spending generally track highway investment because it represents such a large part of the total (see Figure 3).

Federal capital outlays grew in real terms by 1.7 percent in 1994, rising from \$28.4 billion in 1993 to \$28.9 billion. For 1995, capital outlays are estimated to increase slightly, reaching \$29.7 billion. Under the President's budget, capital spending would drop after 1995, declining at an average rate of 2 percent a year over the 1996-2000 period. By 2000, capital spending is projected to drop to a level of \$26.8 billion. Although levels of capital investment would decline throughout the budget period, the proportion of capital spending to noncapital spending would increase. In 1994 capital spending was 70 percent of total federal infrastructure spending, and by 2000 it would be 75 percent of the total under the President's budget.

Noncapital Outlays. Noncapital outlays from 1956 through 1994 have followed a simple pattern that can be separated into two distinct periods--1956 to 1981 and 1981 to 1991 (see Figure 4). Noncapital outlays rose from \$5.5 billion in 1956 to \$16.7 billion in 1981, then declined, falling to \$10.9 billion by 1991 (see Table A-8). The large spike in noncapital spending in 1981 was the result of increased operating expenses for Amtrak.

From 1992 to 1994, noncapital spending climbed in real terms at a rate of 2 percent a year, reaching \$12.5 billion in 1994. In 1995, noncapital spending is estimated to remain unchanged from 1994 levels. Based on the President's budget proposals for 1996 through 2000, however, noncapital outlays would decrease both in absolute terms and as a proportion of total federal spending--at an average annual

FIGURE 3. FEDERAL CAPITAL SPENDING FOR SELECTED TYPES OF INFRASTRUCTURE, 1956-2000

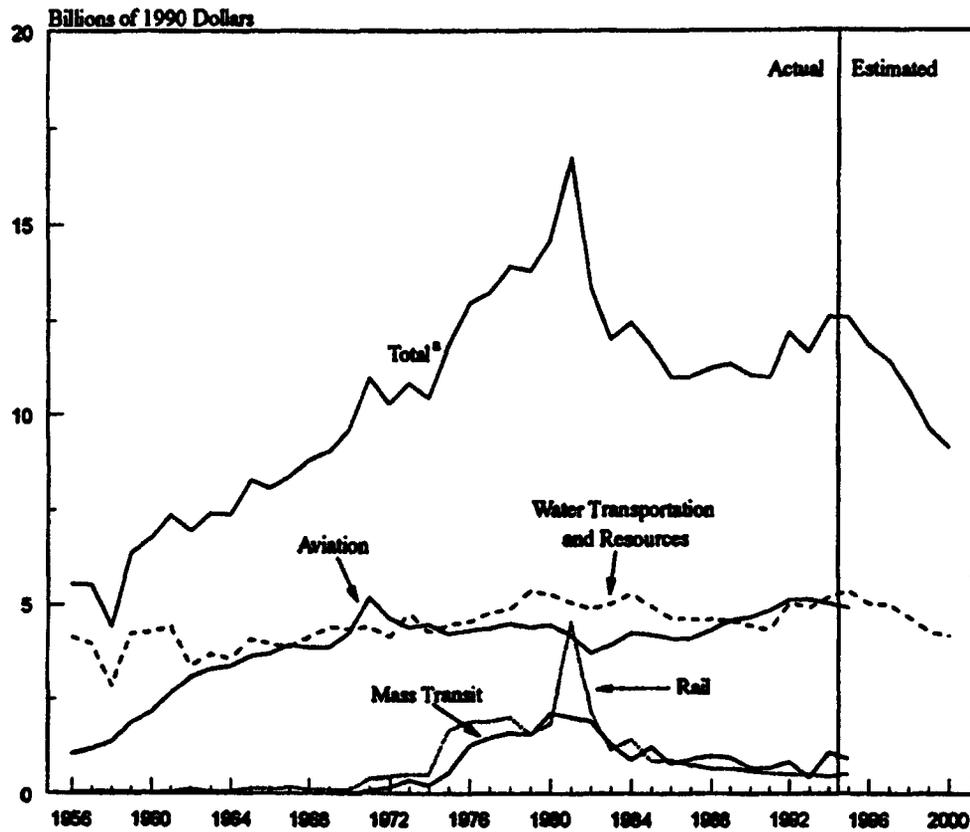


SOURCE: Congressional Budget Office.

NOTE: Spending levels for 1956 through 1994 are based on actual expenditures. Total spending for 1995 and for 1996 through 2000 are based on the President's 1996 budget. Spending for highways and other modes of surface transportation cannot be estimated beyond 1995 because the President's 1996 Unified Transportation Infrastructure Investment Program does not split spending among those modes.

a. Total includes capital outlays for all types of infrastructure.

FIGURE 4. FEDERAL NONCAPITAL SPENDING FOR SELECTED TYPES OF INFRASTRUCTURE, 1956-2000



SOURCE: Congressional Budget Office.

NOTE: Spending levels for 1956 through 1994 are based on actual expenditures. Total spending for 1995 and for 1996 through 2000 are based on the President's 1996 budget. Spending for highways and other modes of surface transportation cannot be estimated beyond 1995 because the President's 1996 Unified Transportation Infrastructure Investment Program does not split spending among those modes.

a. Total includes capital outlays for all types of infrastructure.

rate of 6.2 percent. By 2000, noncapital spending is estimated to be \$9.1 billion, representing the lowest level in real terms since 1969.

State and Local Infrastructure Outlays

State and local outlays for infrastructure, net of federal grants and loans, rose in real terms by 4.3 percent between 1990 and 1991, reaching \$115.6 billion (see Table A-11). That spending represented 75 percent of all public spending for infrastructure. In 1991, outlays increased for every category of infrastructure except water resources, which fell by 2.7 percent as a result of a decline in capital expenditures.

Spending priorities at the state and local levels often differ from those at the federal level. For example, even though most infrastructure spending at both levels of government in 1991 went toward highways—43.2 percent of state and local spending and 39.1 percent of federal spending—after highway spending the similarities in spending priorities for infrastructure end. At the federal level, the next three largest areas of spending for infrastructure are aviation, water resources, and mass transit (predominately capital investment), whereas at the state and local level, those areas are water supply, wastewater treatment, and mass transit (predominately noncapital expenditures).

Furthermore, the ratio of capital to noncapital state and local expenditures is changing. Although the federal ratio of capital to noncapital spending has remained relatively unchanged since the mid-1980s, the state and local ratio is declining. In 1980, the share was 30 percent capital to 70 percent noncapital; a decade later in 1991, the share was almost 38 percent capital to 62 percent noncapital—an 8 percentage point shift from noncapital to capital expenditures.

The mix of capital and noncapital spending on infrastructure at the state and local level sharply contrasts with that of the federal level (see Table 4). While the federal share of capital to noncapital spending was roughly 71 percent to 29 percent in 1991, the state and local share was 38 percent to 62 percent. State and local capital spending, however, still represents about two-thirds of all public (federal, state, and local) capital investment, whereas its noncapital spending represents about 87 percent of all public noncapital spending.

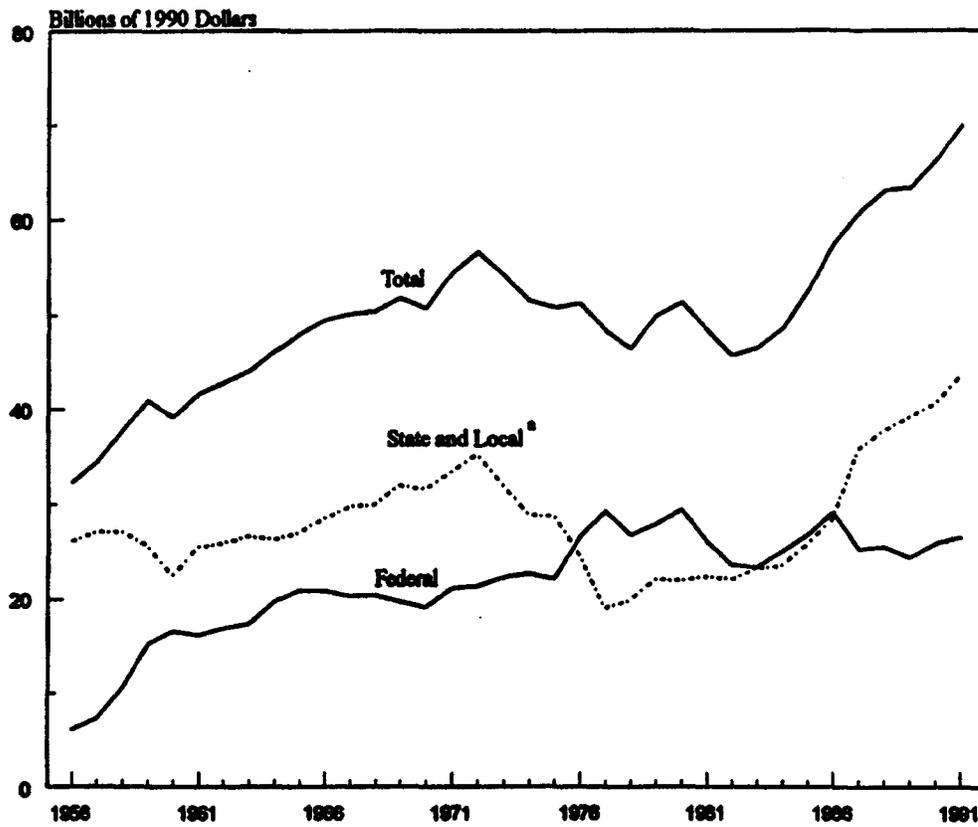
Capital Outlays. By historical comparisons, state and local capital spending varied widely over the 1956-1991 period (see Figure 5 and Tables A-7, A-8, and A-11). Since 1982, however, capital spending has increased every year and in 1991 reached \$43.5 billion. The greatest amount of capital investment went for highways—\$22.3 billion in 1991, which represented 51.4 percent of all capital spending and an 8.5 percent increase over 1990 levels. The next largest amount of commitment in that year went for water supply—\$7.1 billion—representing 16.3 percent of total capital

TABLE 4. STATE AND LOCAL CAPITAL AND NONCAPITAL SPENDING FOR
INFRASTRUCTURE, NET OF FEDERAL GRANTS AND LOANS, 1956-1991
(In millions of 1990 dollars)

Year	Total	Capital	Percentage of Total	Noncapital	Percentage of Total
1956	55,254	26,228	47.5	29,026	52.5
1957	59,050	27,182	46.0	31,868	54.0
1958	58,915	27,146	46.1	31,769	53.9
1959	56,418	25,692	45.5	30,725	54.5
1960	53,175	22,497	42.3	30,678	57.7
1961	57,857	25,478	44.0	32,379	56.0
1962	58,647	25,910	44.2	32,737	55.8
1963	60,435	26,678	44.1	33,757	55.9
1964	59,766	26,389	44.2	33,378	55.8
1965	61,215	27,015	44.1	34,201	55.9
1966	64,120	28,570	44.6	35,550	55.4
1967	67,151	29,779	44.3	37,371	55.7
1968	67,955	29,956	44.1	37,999	55.9
1969	70,493	31,987	45.4	38,506	54.6
1970	71,264	31,517	44.2	39,747	55.8
1971	73,955	33,256	45.0	40,699	55.0
1972	75,409	35,219	46.7	40,191	53.3
1973	71,456	31,908	44.7	39,548	55.3
1974	69,692	28,797	41.3	40,895	58.7
1975	72,281	28,654	39.6	43,627	60.4
1976	67,888	24,672	36.3	43,216	63.7
1977	65,205	19,063	29.2	46,143	70.8
1978	67,539	19,795	29.3	47,744	70.7
1979	72,270	22,063	30.5	50,207	69.5
1980	73,257	21,940	30.0	51,316	70.1
1981	75,464	22,281	29.5	53,184	70.5
1982	76,827	22,051	28.7	54,776	71.3
1983	80,487	23,182	28.8	57,305	71.2
1984	82,059	23,492	28.6	58,568	71.4
1985	86,383	25,811	29.9	60,572	70.1
1986	92,012	28,429	30.9	63,583	69.1
1987	101,010	35,655	35.3	65,355	64.7
1988	104,086	37,684	36.2	66,402	63.8
1989	107,135	39,117	36.5	68,018	63.5
1990	110,867	40,560	36.6	70,307	63.4
1991	115,621	43,527	37.6	72,095	62.4

SOURCE: Congressional Budget Office.

FIGURE 5. PUBLIC CAPITAL SPENDING FOR INFRASTRUCTURE, 1956-1991



SOURCE: Congressional Budget Office.

a. The amounts for state and local spending are net of federal grants and loans.

spending. Capital investment also increased in all categories in 1991 except for water resources.

The proportion of capital spending by state and local governments relative to capital spending by the federal government has also fluctuated over time. Before 1975 and after 1987, state and local government contributions represented more than 50 percent of total public capital investment. By 1991, state and local government outlays made up 62.3 percent of total public capital investment.

Noncapital Outlays. In contrast, noncapital spending by state and local governments has followed a stable path (see Figure 6 and Tables A-7, A-8, and A-11). In general, state and local noncapital spending has grown over the 1956-1991 period, whereas federal noncapital spending has remained fairly constant. In 1991, noncapital state and local outlays increased to \$72.1 billion from \$70.3 billion in 1990. Moreover, noncapital spending increased among all categories of infrastructure except for water transportation. The greatest amount of noncapital spending at the state and local level was for highways—\$27.6 billion, or 38 percent of total state and local noncapital spending—followed by spending for mass transit at \$13.3 billion, or 8.4 percent of that total. By 1991, noncapital outlays by state and local government constituted 86.8 percent of total public noncapital investment.

THE PRESIDENT'S 1996 BUDGET: INFRASTRUCTURE PROPOSALS FOR THE 1996-2000 PERIOD

Under the President's 1996 budget proposals, outlays for federal infrastructure programs would decrease from \$47.2 billion in 1995 to \$46.2 billion in 1996 (see Table 5).⁸ Spending would continue to decline at an average annual rate of 1.6 percent throughout the 1996-2000 period, reaching \$43.6 billion by 2000. Furthermore, spending would fall in every category of infrastructure over the same period.

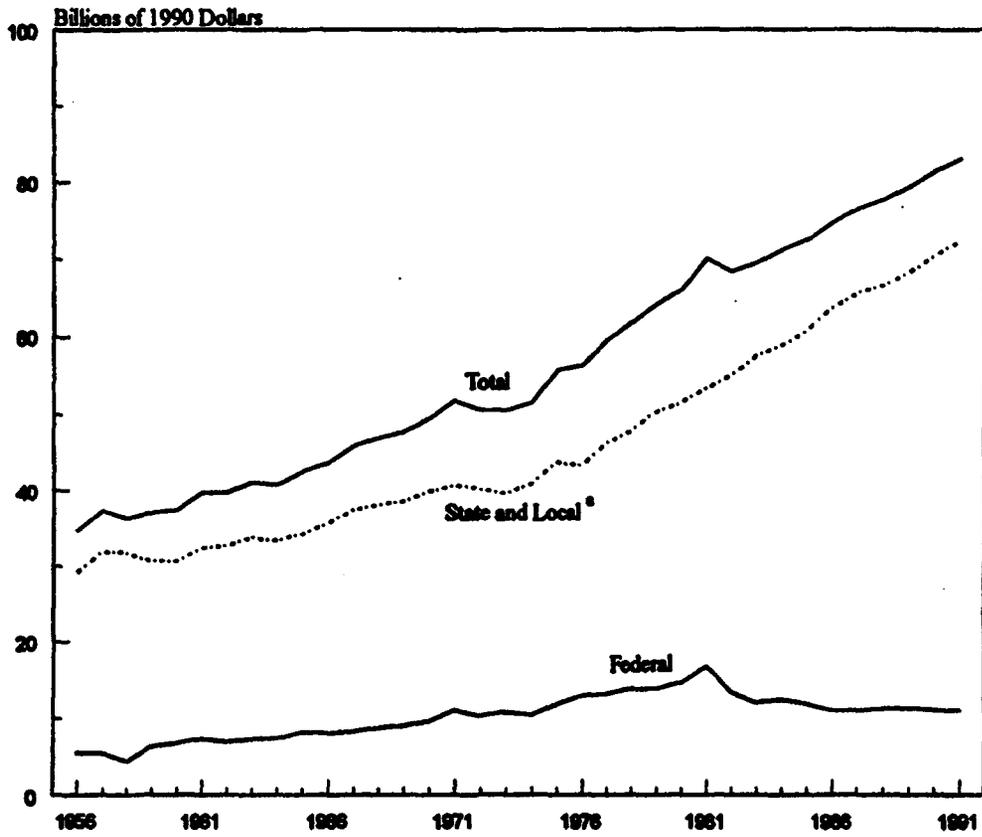
Compared with CBO's inflation-adjusted baseline projections for outlays, the President's proposals for all federal infrastructure in 1996 would constitute a 3.3 percent decrease.⁹ Over the five-year budget period, spending would total \$225.5

8. All spending referred to in the text, tables, and figures of this section is in nominal dollars.

9. CBO's baseline projections show the likely path of spending if current laws remain unchanged. The baseline does not project budget outcomes but instead provides a benchmark against which different policies can be compared. Previously, CBO's baseline referred to the projection of current-year levels of budget authority, outlays, revenues, and the surplus or deficit—adjusting for inflation in discretionary appropriations—into the budget year and the out-years. Currently, CBO also provides baseline projections without adjusting for inflation. Although both baseline projections are provided in the tables, all baseline comparisons in the text refer to the inflation-adjusted baseline.

All CBO baseline references are to the March 1995 baseline.

FIGURE 6. PUBLIC NONCAPITAL SPENDING FOR INFRASTRUCTURE, 1956-1991



SOURCE: Congressional Budget Office.

a. The amounts for state and local spending are net of federal grants and loans.

TABLE 5. OUTLAYS FOR FEDERAL INFRASTRUCTURE PROGRAMS, 1995-2000
(In millions of nominal dollars)

	1995	1996	1997	1998	1999	2000	Total, 1996- 2000
All Types							
President's Budget	47,223	46,162	45,901	45,212	44,625	43,588	225,487
CBO Baseline Without Inflation ^a	46,924	47,118	47,430	47,831	48,130	48,328	238,837
CBO Baseline Assuming Inflation ^b	46,924	47,727	49,124	50,882	52,718	54,586	255,037
Percentage Difference							
Without inflation	0.6	-2.0	-3.2	-5.5	-7.3	-9.8	-5.6
Assuming inflation	0.6	-3.3	-6.6	-11.1	-15.4	-20.1	-11.6
Surface Transportation^c							
President's Budget	24,878	24,583	24,038	23,862	24,306	23,667	120,456
CBO Baseline Without Inflation ^a	24,822	25,474	25,696	25,852	25,965	26,034	129,022
CBO Baseline Assuming Inflation ^b	24,822	25,612	26,314	27,119	27,986	28,880	135,912
Percentage Difference							
Without inflation	0.2	-3.5	-6.5	-7.7	-6.4	-9.1	-6.6
Assuming inflation	0.2	-4.0	-8.7	-12.0	-13.2	-18.0	-11.4
Aviation							
President's Budget	10,132	9,945	10,091	9,876	9,298	9,083	48,293
CBO Baseline Without Inflation ^a	10,353	10,004	9,863	9,786	9,739	9,721	49,113
CBO Baseline Assuming Inflation ^b	10,353	10,253	10,425	10,701	11,037	11,432	53,848
Percentage Difference							
Without inflation	-2.1	-0.6	2.3	0.9	-4.5	-6.6	-1.7
Assuming inflation	-2.1	-3.0	-3.2	-7.7	-15.8	-20.5	-10.3
Water Transportation and Resources							
President's Budget	9,475	8,927	9,045	8,734	8,412	8,328	43,445
CBO Baseline Without Inflation ^a	9,086	8,718	8,676	8,647	8,659	8,801	43,501
CBO Baseline Assuming Inflation ^b	9,086	8,934	9,152	9,410	9,722	10,179	47,397
Percentage Difference							
Without inflation	4.3	2.4	4.2	1.0	-2.9	-5.4	-0.1
Assuming inflation	4.3	-0.1	-1.2	-7.2	-13.5	-18.2	-8.3

(Continued)

TABLE 5. CONTINUED

	1995	1996	1997	1998	1999	2000	Total, 1996- 2000
Water Supply and Wastewater Treatment							
President's Budget	2,738	2,706	2,727	2,740	2,609	2,509	13,292
CBO Baseline Without Inflation ^a	2,663	2,921	3,195	3,546	3,768	3,771	17,200
CBO Baseline Assuming Inflation ^b	2,663	2,928	3,232	3,651	3,973	4,096	17,880
Percentage Difference							
Without inflation	2.8	-7.4	-14.6	-22.7	-30.7	-33.5	-22.7
Assuming inflation	2.8	-7.6	-15.6	-24.9	-34.3	-38.7	-25.7

SOURCE: Congressional Budget Office.

NOTE: Values for 1995 through 2000 are estimates.

- a. Baseline assumes current law for mandatory spending and a freeze on all discretionary spending at 1995 levels.
- b. Baseline assumes current law for mandatory spending and an annual increase in discretionary spending for inflation from 1995 levels.
- c. Surface transportation encompasses spending for highways, mass transit, and rail.

billion, a cumulative decrease of \$29.6 billion (or 11.6 percent) compared with baseline levels. The largest absolute reductions would occur in surface transportation--\$15.5 billion over the five-year budget period. However, water supply and wastewater treatment would experience the largest percentage decrease--25.7 percent--compared with the baseline over the same five-year period.

Although budget authority is usually a good indicator of program direction, it does not properly measure proposals for changes in spending in many infrastructure programs; proposed changes in outlays must also be considered (see Box 1). In the case of most transportation programs, budget authority does not show true funding levels because those programs use contract authority, which is subject to obligation limits, instead of discretionary budget authority.

For example, a transportation program that contains \$2 billion of contract authority (mandatory budget authority provided by authorizing committees in multi-year authorization bills) might have an obligation limit of \$1.3 billion. The program would effectively be authorized to spend \$1.3 billion, not \$2 billion. If the President's

BOX 1.
COMPARING BUDGET AUTHORITY AND OUTLAYS

In most cases, budget authority is a more accurate indicator of changes in spending than are outlays because authority measures the resources that are committed in a given year. In contrast, outlays may reflect resources committed in previous years as well as those committed in the current year.

An analysis of changes in spending in infrastructure programs must take into account the method of appropriation. For a typical federal program, an authorization bill is first passed to show the intent of the funding, and an appropriation bill is then needed to give real spending authority. But a majority of infrastructure programs (mostly transportation) are funded differently. In programs such as Federal-Aid Highways, for example, spending authority is not derived from an appropriation bill but from the authorizing bill itself, in the form of contract authority. Annual obligation ceilings control the amount of contract authority that may be obligated in any one year. Increases in outlays for those programs are a direct result of increases in annual obligation ceilings rather than the level of budget authority.

budget called for \$1.5 billion in authority for the program, with no change in the obligation limit, that proposal would not reduce the program--it would still be authorized to spend only \$1.3 billion. However, the President's 1996 budget attempts to change that concept of contract authority by switching most transportation programs to the standard system of discretionary budget authority. Hence, if the President's proposal replaces the \$2 billion of contract authority with \$1 billion of discretionary budget authority, funding for that program would decline by \$0.3 billion (the difference between the old obligation limit of \$1.3 billion and the new funding level) and not by a full \$1 billion. Therefore, discussion of budget authority for most transportation programs is inappropriate. Budget authority is relevant only in noncontract authority accounts such as water transportation and resources, and water supply, and wastewater treatment.

The President's 1996 budget proposal calls for \$45.6 billion in budget authority for all federal infrastructure programs in 1996, a 9.4 percent decrease from the 1995

level (see Table 6). Compared with CBO's inflation-adjusted baseline projections for budget authority, the President's proposal for all federal infrastructure programs in 1996 would be 3.6 percent below baseline levels. The President's budget would decrease budget authority for water transportation, water resources, and water supply and wastewater treatment, with the last category losing the most. Budget authority for water supply and wastewater treatment would be 39.5 percent below baseline levels, a decrease of \$7.9 billion over the five-year budget period.

Certainly, aggregate comparisons are useful for examining infrastructure trends. However, the components of the individual categories should also be analyzed in order to complete the spending picture.

The Unified Transportation Infrastructure Investment Program

The President's budget proposal for the Unified Transportation Infrastructure Investment Program would reorganize funding for highway, transit, rail, and aviation programs under the jurisdiction of the Department of Transportation. The purpose of the UTIIP is twofold. First, the Administration would consolidate transportation grants into a single account. Second, it would give the individual states greater latitude to make investment decisions.

This unified account, which would begin in 1996, would combine previous modal grant programs into state block grants and create state infrastructure banks and federally guided discretionary grants. It would also continue funding for Interstate and National Highway Systems, federal lands, transit full-funding grant agreements, airport letters of credit, the Washington Metropolitan Area Transit Authority, transit operating assistance, transportation research and development, Northeast Corridor improvement, Rhode Island rail development, Penn Station redevelopment, and subsidies for Amtrak.

The Administration separates the UTIIP account into two parts--federal programs and state and local initiatives. Although that distinction is vague (for example, Rhode Island rail development is categorized under state and local initiatives and redevelopment of Penn Station is categorized under direct federal programs), its purpose is clear--to give state and local governments greater stewardship over infrastructure investment. If the UTIIP was implemented in 1996, approximately 93 percent of the spending authority would be allocated to state programs. Moreover, approximately 91 percent of the funding would be designated for capital investment.

Overall, one can summarize the UTIIP proposal as a "block and cut" program. Although states would be given increased decisionmaking authority, federal funding for investment in transportation infrastructure would decline. An important feature

TABLE 6. BUDGET AUTHORITY FOR FEDERAL INFRASTRUCTURE PROGRAMS, 1995-2000
(In millions of nominal dollars)

	1995	1996	1997	1998	1999	2000	Total, 1996- 2000
All Types							
President's Budget	50,302	45,550	46,999	45,570	42,487	41,552	222,158
CBO Baseline Without Inflation ^a	50,559	46,368	52,819	53,785	54,789	55,764	263,524
CBO Baseline Assuming Inflation ^b	50,559	47,235	54,538	56,414	58,350	60,309	276,845
Percentage Difference							
Without inflation	-0.5	-1.8	-11.04	-15.3	-22.57	-25.53	-15.7
Assuming inflation	-0.5	-3.6	-13.8	-19.2	-27.2	-31.1	-19.8
Surface Transportation^c							
President's Budget	27,313	24,439	26,110	24,574	22,460	21,969	119,553
CBO Baseline Without Inflation ^a	27,784	23,358	29,687	30,506	31,355	32,233	147,138
CBO Baseline Assuming Inflation	27,784	23,473	29,922	30,870	31,851	32,866	148,982
Percentage Difference							
Without inflation	-1.7	4.6	-12.0	-19.4	-28.4	-31.8	-18.7
Assuming inflation	-1.7	4.1	-12.7	-20.4	-29.5	-33.2	-19.8
Aviation							
President's Budget	10,754	9,806	9,841	9,778	8,999	8,854	47,279
CBO Baseline Without Inflation ^a	10,766	10,823	10,898	10,979	11,063	11,150	54,913
CBO Baseline Assuming Inflation ^b	10,766	11,173	11,581	12,013	12,462	12,935	60,164
Percentage Difference							
Without inflation	-0.1	-9.4	-9.7	-10.9	-18.7	-20.6	-13.9
Assuming inflation	-0.1	-12.2	-15.0	-18.6	-27.8	-31.6	-21.4
Water Transportation and Resources							
President's Budget	8,563	8,819	8,629	8,830	8,519	8,463	43,261
CBO Baseline Without Inflation ^a	8,389	8,558	8,614	8,685	8,743	8,792	43,392
CBO Baseline Assuming Inflation ^b	8,389	8,847	9,181	9,548	9,910	10,281	47,767
Percentage Difference							
Without inflation	2.1	3.0	0.2	1.7	-2.6	-3.7	-0.3
Assuming inflation	2.1	-0.3	-6.0	-7.5	-14.0	-17.7	-9.4

(Continued)

TABLE 6. CONTINUED

	1995	1996	1997	1998	1999	2000	Total, 1996- 2000
Water Supply and Wastewater Treatment							
President's Budget	3,673	2,485	2,419	2,388	2,509	2,265	12,065
CBO Baseline Without Inflation ^a	3,620	3,628	3,620	3,616	3,628	3,589	18,080
CBO Baseline Assuming Inflation ^b	3,620	3,742	3,855	3,983	4,127	4,226	19,932
Percentage Difference							
Without inflation	1.5	-31.5	-33.2	-34.0	-30.8	-36.9	-33.3
Assuming inflation	1.5	-33.6	-37.3	-40.1	-39.2	-46.4	-39.5

SOURCE: Congressional Budget Office.

NOTE: Values for 1995 through 2000 are estimates.

- a. Baseline assumes current law for mandatory spending and a freeze on all discretionary spending at 1995 levels.
- b. Baseline assumes current law for mandatory spending and an annual increase in discretionary spending for inflation from 1995 levels.
- c. Surface transportation encompasses spending for highways, mass transit, and rail.

of the UTIIP, however, may be the Administration's attempt to change from using contract authority to discretionary budget authority. As mentioned above, the use of discretionary budget authority more accurately reflects the amount of money available to be obligated in a given year. In the UTIIP account, the President uses discretionary budget authority instead of contract authority, which more accurately reveals the intended funding levels for surface and air transportation programs.

Surface Transportation

The President's budget proposals would decrease outlays for surface transportation (highways, transit, and rail). In 1996, spending would be \$24.6 billion, a decrease of 1.2 percent from the 1995 level of \$24.9 billion. Outlays would continue to fall at an average annual rate of 1 percent through 2000, when they would represent 95 percent of the 1995 spending level.

Compared with the CBO baseline, outlays would be \$1 billion (4 percent) below baseline levels in 1996. That gap would continue to widen over the budget period, leaving outlays \$5.2 billion (18 percent) below the baseline by 2000. That amount would constitute a five-year cumulative decline of \$15.5 billion (11.4 percent).

Over the 1996-2000 period, it is not possible to determine the spending distribution and cuts among highway, mass transit, and rail because they are only specified in general terms in the President's UTIP proposal. However, a few declines in specific independent programs are worth noting. For example, the President's proposed budget authority for Amtrak operating expenses would be \$420 million in 1996 and \$220 million by 2000—a \$200 million program cut. Amtrak capital spending would also fall— from \$230 million in 1996 to \$100 million in 2000, a \$130 million cut. Moreover, the Administration proposes to eliminate the Interstate Commerce Commission (ICC) after 1996. Many regulatory functions involving rail and motor carriers as well as payments for Directed Rail Service would be eliminated. The remaining functions would be transferred to the Departments of Transportation and Justice and to the Federal Trade Commission. The President's proposal would reduce total ICC outlays from \$34.9 million in 1995 to \$4 million in 1997—and none thereafter.

Aviation

The President's 1996 budget proposals would result in a decline in outlays for aviation. In 1996, outlays would fall to \$9.9 billion from \$10.1 billion in 1995—a 1.8 percent decrease. Outlays for aviation would continue to drop throughout the budget period, falling at an average annual rate of 2.2 percent. Compared with CBO's baseline, aviation spending would experience a five-year cumulative decline of \$5.6 billion—or a 10.3 percent drop below baseline levels.

Why the downward shift in spending authority for aviation in the President's request versus the CBO baseline for the 1996-2000 period (a downward shift of \$1.3 billion compared with the baseline in 1996 alone)? One explanation is that \$2.2 billion in authority for grants-in-aid for airports would be removed from the budget in 1996. However, new budget authority added under the UTIP account (state block grants, state infrastructure grants, and discretionary grants) would return \$1.5 billion to \$1.6 billion a year in budget authority (previously contract authority) to aviation. That \$600 million to \$700 million decline, in combination with unchanged spending in nominal terms for other large components of aviation spending, such as Federal Aviation Administration operations or facilities and equipment, helps to explain the \$12.9 billion reduction in spending authority for aviation when compared with baseline levels.

Water Transportation and Resources

The President's budget for water transportation and resources would increase budget authority to \$8.8 billion in 1996 from \$8.6 billion in 1995. From 1997 to 2000, budget authority would remain almost constant, fluctuating by \$200 million to \$300

million each year. Compared with the CBO baseline, the President's proposed budget authority would be 9.4 percent lower for the 1996-2000 period.

Outlays would follow a similar pattern, peaking at \$9 billion in 1997, and then falling 2.7 percent a year through 2000. Overall, outlays under the President's budget for the 1996-2000 period would be \$3.6 billion—or 8.3 percent—below the CBO baseline.

Two accounts in water transportation and resources make up about 39 percent of the spending for this category. The largest component of water transportation and resources is expenses for Coast Guard operations, which in 1995 will account for \$2.6 billion in budget authority and \$2.5 billion in outlays. By the year 2000, funding for that account would be relatively unchanged, with both budget authority and outlays falling to a level of \$2.4 billion.

The second largest component of this category is the Army Corps of Engineers' General Construction program, which accounts for roughly \$1 billion a year in outlays. In the President's 1995 budget, spending for water resources would have declined slightly, since that budget proposed no new construction or major rehabilitation starts. In the 1996 budget, funding includes some new construction and major rehabilitation projects. However, the request decreases overall budget authority from the current 1995 level of \$913 million to \$848 million by 2000, and it cuts outlays from \$1.1 billion in 1995 to \$757 million in 2000. Because other accounts would remain relatively constant, spending authority for water transportation and resources would fall the least of any category over the budget period—funding levels for 2000 would be 98.8 percent of their 1995 levels.

Water Supply and Wastewater Treatment

Under the President's proposals, budget authority in 1996 would decline the most for water supply and wastewater treatment—from \$3.7 billion in 1995 to \$2.5 billion in 1996, a drop of 32.3 percent. Over the 1996-2000 period, budget authority for water supply and wastewater treatment would fall by \$7.8 billion—or 39.5 percent below CBO's baseline levels. Furthermore, the President's requests relative to the CBO baseline would lower authority by more than 40 percent in two of the five budget years (40.1 percent in 1998 and 46.4 percent in 2000).

Spending for water supply and wastewater treatment would also fall over the budget period, though not as drastically. Under the President's plan, outlays would remain constant at \$2.7 billion through 1998 and then drop at an average annual rate of 4.3 percent, ending at \$2.5 billion in 2000. Compared with the CBO baseline, however, water supply and wastewater treatment would decline by a total of \$4.5 billion over the 1996-2000 period—25.7 percent below baseline levels.

One reason that water supply and wastewater treatment would fall far below baseline levels is that \$540 million to \$590 million per year in spending authority for the Department of Agriculture's Rural Water and Waste Disposal Grants would be eliminated starting in 1996. That program would be combined with the department's Rural Development Performance Partnerships program, which would give state governments greater decisionmaking authority in setting goals for rural economic development. Since spending authority would not be specifically directed to water supply and treatment, cumulative cuts could total \$2.8 billion over the 1996-2000 period.

COMPARING INFRASTRUCTURE SPENDING WITH THE FEDERAL BUDGET AND THE ECONOMY

Many analysts find it helpful to look at federal outlays for infrastructure relative to overall spending. Although that information provides a general yardstick for measuring the resources allocated to infrastructure, it by no means indicates what the appropriate level of spending should be.

In general, federal spending for infrastructure as a percentage of total federal spending has declined since the late 1970s (see Table 7). That percentage was largest in 1965 (6.27 percent), when capital investment was more than three times the level of noncapital investment. By 1994, federal spending was 3.10 percent of the total budget, with capital spending only a little more than twice noncapital spending. CBO estimates that federal investment in infrastructure will fall to 3.07 percent of the total federal budget in 1995 and to 2.86 percent in 1996, its lowest point since 1991.

Another comparison that analysts find useful is that between infrastructure spending and gross domestic product (see Figure 7).¹⁰ Throughout the 1960s and 1970s, federal spending for infrastructure averaged 1 percent of GDP (see Table 8). In 1980, total federal spending for infrastructure was 1.17 percent of GDP, the highest it has ever been. Since 1980, that ratio declined steadily, reaching 0.67 percent in 1991. After a slight increase in 1992, it fell again from 1992 through 1995. In 1996, federal spending as a percentage of GDP is estimated to fall to 0.62 percent—its lowest level since 1957. In contrast, state and local spending as a percentage of GDP increased throughout the 1980s and was at its highest in two decades in 1991, reaching 2.11 percent (see Table 9).

10. For a more detailed discussion of the relative significance of infrastructure investment and GDP, in addition to historical data on the ratio of total public spending to GDP, see Congressional Budget Office, *Trends in Public Infrastructure Outlays*.

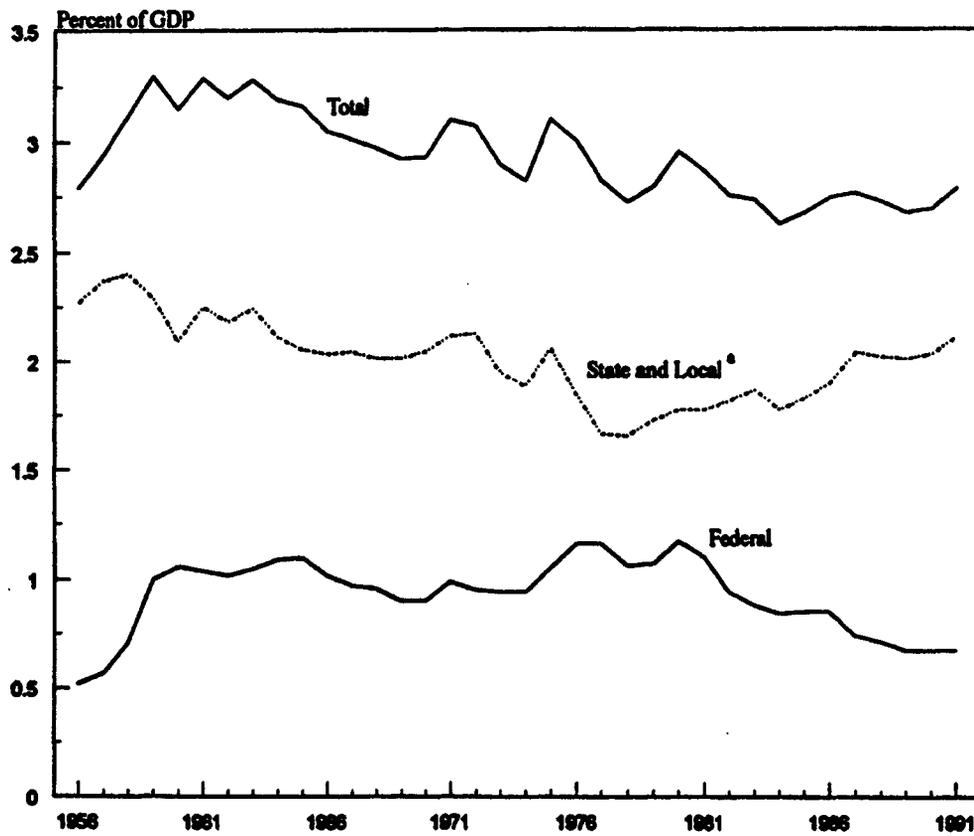
TABLE 7. FEDERAL SPENDING FOR INFRASTRUCTURE AS A PERCENTAGE OF ALL FEDERAL SPENDING, 1956-1996

Year	Total	Capital	Noncapital
1956	3.06	1.89	1.17
1957	3.27	2.19	1.08
1958	3.88	3.03	0.86
1959	5.24	4.01	1.22
1960	5.77	4.41	1.36
1961	5.49	4.06	1.42
1962	5.28	4.03	1.25
1963	5.49	4.15	1.34
1964	5.73	4.42	1.30
1965	6.27	4.76	1.51
1966	5.60	4.25	1.35
1967	4.91	3.69	1.22
1968	4.58	3.38	1.20
1969	4.55	3.27	1.28
1970	4.51	3.14	1.37
1971	4.96	3.38	1.58
1972	4.73	3.24	1.50
1973	4.89	3.30	1.59
1974	4.90	3.40	1.50
1975	4.75	3.20	1.55
1976	5.24	3.62	1.61
1977	5.43	3.81	1.62
1978	4.99	3.37	1.62
1979	5.18	3.61	1.57
1980	5.24	3.70	1.54
1981	4.79	3.05	1.74
1982	3.95	2.61	1.34
1983	3.59	2.41	1.18
1984	3.65	2.51	1.15
1985	3.55	2.50	1.05
1986	3.63	2.66	0.97
1987	3.27	2.30	0.98
1988	3.21	2.26	0.95
1989	3.02	2.07	0.94
1990	2.93	2.05	0.88
1991	2.89	2.02	0.87
1992	2.99	2.02	0.96
1993	3.00	2.06	0.94
1994	3.10	2.08	1.02
1995 ^a	3.07	2.06	1.01
1996 ^a	2.86	1.93	0.93

SOURCE: Congressional Budget Office.

a. Values for 1995 and 1996 are estimates.

FIGURE 7. PUBLIC SPENDING FOR INFRASTRUCTURE AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT, 1956-1991



SOURCE: Congressional Budget Office.

a. The amounts for state and local spending are net of federal grants and loans.

TABLE 8. FEDERAL SPENDING FOR INFRASTRUCTURE AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT, 1956-1996

Year	Total	Capital	Noncapital
1956	0.52	0.32	0.20
1957	0.57	0.38	0.19
1958	0.71	0.56	0.16
1959	1.00	0.77	0.23
1960	1.06	0.81	0.25
1961	1.04	0.77	0.27
1962	1.02	0.78	0.24
1963	1.05	0.79	0.26
1964	1.09	0.84	0.25
1965	1.10	0.84	0.27
1966	1.02	0.78	0.25
1967	0.97	0.73	0.24
1968	0.96	0.71	0.25
1969	0.90	0.65	0.25
1970	0.90	0.62	0.27
1971	0.99	0.68	0.32
1972	0.95	0.65	0.30
1973	0.94	0.64	0.31
1974	0.94	0.65	0.29
1975	1.05	0.71	0.34
1976	1.16	0.80	0.36
1977	1.16	0.81	0.35
1978	1.06	0.72	0.35
1979	1.07	0.75	0.32
1980	1.17	0.83	0.34
1981	1.10	0.70	0.40
1982	0.94	0.62	0.32
1983	0.88	0.59	0.29
1984	0.84	0.58	0.27
1985	0.85	0.60	0.25
1986	0.85	0.62	0.23
1987	0.74	0.52	0.22
1988	0.71	0.50	0.21
1989	0.67	0.46	0.21
1990	0.67	0.47	0.20
1991	0.67	0.47	0.20
1992	0.70	0.47	0.22
1993	0.68	0.46	0.21
1994	0.68	0.46	0.23
1995 ^a	0.67	0.45	0.22
1996 ^a	0.62	0.42	0.20

SOURCE: Congressional Budget Office.

a. Values for 1995 and 1996 are estimates.

TABLE 9. STATE AND LOCAL SPENDING FOR INFRASTRUCTURE, NET OF FEDERAL GRANTS AND LOANS, AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT, 1956-1991

Year	Total	Capital	Noncapital
1956	2.27	1.34	0.93
1957	2.37	1.38	0.99
1958	2.40	1.38	1.02
1959	2.29	1.27	1.02
1960	2.09	1.07	1.02
1961	2.25	1.18	1.07
1962	2.18	1.16	1.02
1963	2.24	1.18	1.05
1964	2.11	1.10	1.01
1965	2.05	1.06	0.99
1966	2.03	1.04	0.99
1967	2.04	1.05	0.98
1968	2.01	1.02	0.99
1969	2.01	1.03	0.98
1970	2.04	1.01	1.03
1971	2.11	1.05	1.06
1972	2.12	1.05	1.07
1973	1.94	0.91	1.03
1974	1.88	0.83	1.04
1975	2.05	0.92	1.14
1976	1.84	0.74	1.11
1977	1.66	0.53	1.13
1978	1.65	0.53	1.12
1979	1.72	0.60	1.12
1980	1.77	0.62	1.16
1981	1.77	0.60	1.17
1982	1.81	0.58	1.23
1983	1.86	0.58	1.28
1984	1.77	0.54	1.23
1985	1.82	0.58	1.24
1986	1.89	0.61	1.27
1987	2.03	0.73	1.29
1988	2.01	0.74	1.27
1989	2.00	0.74	1.26
1990	2.02	0.74	1.28
1991	2.11	0.78	1.32

SOURCE: Congressional Budget Office.

APPENDIX: SOURCES AND DEFINITIONS FOR INFRASTRUCTURE DATA

The Congressional Budget Office's infrastructure database lists total public outlays for 1956 through 1991 by type of infrastructure and type of spending. The database shows outlays by state and local governments for 1956 through 1991 and outlays by the federal government for 1956 through 1994. In addition, it provides estimates of federal spending for infrastructure for 1995. All of the data are available in both nominal dollars (Tables A-1 through A-6) and 1990 dollars (Tables A-7 through A-12).

Types of Infrastructure

Data are provided for eight types of infrastructure: highways, mass transit, rail, aviation, water transportation, water resources, water supply, and wastewater treatment. CBO has assigned the data on federal outlays to those categories based on federal budget functions and accounts. The general definitions are noted below.

- o **Highways**. Spending for budget subfunction 401, except for outlays attributed to mass transit and rail, together with a Bureau of Indian Affairs road construction account. This spending consists primarily of outlays by the Federal Highway Administration and the National Highway Traffic Safety Administration.
- o **Mass Transit**. Federal funding for the Federal Transit Administration and the Washington Metropolitan Area Transit Authority.
- o **Rail**. Spending by the Federal Railroad Administration, the U.S. Railway Association, and certain Interstate Commerce Commission outlays.¹
- o **Aviation**. Spending for budget subfunction 402, including outlays for the Federal Aviation Administration and outlays by the National Aeronautics and Space Administration for general air transportation.
- o **Water Transportation**. Spending for budget subfunction 403, which consists primarily of outlays by the Maritime Administration and the Coast Guard. Note that the data do not include navigation spending by the Army Corps of Engineers because all Corps spending comes under budget subfunction 301.

1. The Interstate Commerce Commission handles cases for both rail and motor carriers. Without information about the distribution of ICC spending, the ICC "Salaries and Expenses" account has been divided evenly between rail and highways. Other ICC spending is attributed to rail.

- o **Water Resources.** Spending for budget subfunction 301, consisting primarily of outlays by the Army Corps of Engineers and the Bureau of Reclamation. Note that navigation outlays by the Army Corps of Engineers are included here rather than under water transportation.
- o **Water Supply.** Water-related outlays by the Rural Water and Waste Disposal Grants and the Rural Development Insurance Fund (both are programs of the Farmers Home Administration) and the Water and Sewer Basic Grants program (in the Department of Housing and Urban Development).
- o **Wastewater Treatment.** Environmental Protection Agency grants for the construction of municipal wastewater treatment plants, plus wastewater-related outlays of the three accounts in water supply.

All data on state and local expenditures are from similar categories in the Census Bureau's *Government Finances* series.

Types of Spending

Federal outlays are divided into a number of categories.² First, federal outlays are split between direct and indirect spending. Indirect federal spending includes grants and loans to state or local government entities; direct spending includes all other federal outlays. State and local outlays are shown as both including and excluding grants and loans from the federal government.

Federal outlays (both direct and indirect) and state and local outlays (both gross and net of federal grants) are further divided between capital and noncapital spending. Capital spending includes outlays for constructing and rehabilitating structures and for purchasing structures, major equipment, and land. All other outlays are considered noncapital spending.

Deflators

CBO's estimates of real infrastructure spending use separate deflators for federal and nonfederal spending and for capital and noncapital outlays. For 1956 through 1994, the deflators reflect the Bureau of Economic Analysis's benchmark revision of the national income and product accounts in December 1993 and the three-year revision of data (1991 through 1993) in July 1994. Thus, compared with the data presented

2. The federal government also supports public infrastructure investment by exempting from income tax the interest that states and localities pay on bonds issued to finance their infrastructure projects. CBO's data do not include the value to states and localities of this tax exemption.

in CBO's 1992 *Trends in Public Infrastructure* paper, the nominal dollar series (Tables A-1 through A-6) in this paper have not changed, but some of the constant dollar series (Tables A-7 through A-12) have been revised.

Direct federal capital outlays are adjusted for inflation with the variable-weighted deflator for federal nondefense purchases of structures and durable goods. Because that deflator is not available before 1972, CBO estimates its growth over the 1956-1971 period by using the rate of growth of the deflator for total federal purchases of durable goods and structures, which includes both defense and nondefense outlays. Both indirect federal capital outlays and all state and local capital outlays are adjusted for inflation by the variable-weighted deflator for state and local purchases of durable goods and structures.

Direct federal outlays for noncapital items are priced by using the variable-weighted deflator for federal nondefense purchases of services and nondurable goods (and excluding the inventory change of the Commodity Credit Corporation). Because that deflator is not available before 1972, CBO estimates its growth before then with the rate of growth of the deflator for total federal purchases of nondurable goods and services. CBO prices both indirect federal outlays and all state and local outlays for noncapital items by using the variable-weighted deflator for state and local government purchases of nondurable goods and services.

For 1995 through 2000, CBO's deflator estimates are based on continuing trends in each individual deflator relative to the gross domestic product deflator.

Sources for Data on Federal Spending

Most of the data for the 1980-1994 period have simply been assembled from an Office of Management and Budget (OMB) database that divides federal spending into the categories described above. The OMB database sorts spending into the appropriate categories at the subaccount level. In a few instances, the data conflict with those shown in various parts of the budget. In those cases, CBO used the data from the budget.

Data for 1995 through 2000 have been assembled from OMB data, unpublished CBO data, and the 1996 budget. They have been sorted into the same categories as the pre-1995 data, thus making the series comparable from 1956 through 2000.

Data for years before 1980 come primarily from unpublished OMB historical data and from the budget for various years. OMB's historical data show federal spending for individual budget accounts broken down into grant and nongrant spending. By definition, grant outlays are indirect spending; nongrant outlays can be either direct or indirect.

The historical data do not separate outlays into capital and noncapital expenditures. The data on capital expenditures were taken from the *Budget of the United States Government*, in particular the "Historical Tables," the "Special Analyses," and the "Appendix" for various years. Because of apparent inconsistencies in the principal data sources, spending data for both the aviation and the rail categories were taken from the federal budget's appendix and classified by type of spending on an account-by-account basis.

Caveats About the Federal Data

The data on federal spending include all programs whose primary purpose is to provide infrastructure services. During the 1970s and early 1980s, however, a significant fraction of total federal outlays for infrastructure were channeled through programs that included public works investment as only one of many purposes. Those multipurpose programs included General Revenue Sharing, Community Development Block Grants, the Economic Development Administration, the Appalachian Regional Commission, the Model Cities program, and others. Little information exists on the extent to which those programs supported infrastructure services of different types.

Caveats About the State and Local Data

The Bureau of the Census data for state and local infrastructure spending often combine mass transit and rail spending. The bureau compiles passenger rail data under mass transit, but it does not directly account for freight rail. The amount of that public spending is small, however, as much of the state and local spending arises from matching grants, tax incentives, and private sources.

Making Fiscal Years Conform

Most state and local governments use fiscal years that start on July 1.³ The federal fiscal year started on the same date through fiscal year 1976. That fiscal year was followed by a "transition quarter," after which the federal fiscal year began on October 1. The mismatch between fiscal years creates a small error in measuring state and local spending net of federal grants for any specific year. To make state and local data more comparable with federal outlays, the state and local data for all years after 1976 have been adjusted to reflect federal fiscal years. The adjustment assigns 25 percent of the spending in each state and local fiscal year to the preceding federal

3. For details, see Bureau of the Census, *Government Finances: 1989-1990* (December 1991), p. viii.

fiscal year. For example, 25 percent of state and local outlays for state and local fiscal year 1990 are assumed to occur in federal fiscal year 1989, with the remainder of state and local outlays assumed to fall in federal fiscal year 1990. That procedure will reduce errors caused by the inexact match between the two types of fiscal years.

TABLE A-1. INFRASTRUCTURE SPENDING BY FEDERAL, STATE, AND LOCAL GOVERNMENTS, 1956-1991 (In millions of nominal dollars)

	1956	1957	1958	1959
All Categories	11,600	12,890	13,960	15,825
Capital	6,898	7,742	8,673	9,793
Other	4,702	5,149	5,288	6,032
Highways	6,999	7,857	8,577	9,609
Capital	4,654	5,211	5,761	6,641
Other	2,345	2,646	2,816	2,968
Mass Transit	580	596	628	647
Capital	109	120	134	102
Other	471	476	494	545
Rail	8	11	14	13
Capital	0	0	0	0
Other	8	11	14	13
Aviation	334	431	548	748
Capital	129	192	307	337
Other	205	239	241	411
Water Transportation*	620	552	611	677
Capital	143	173	251	209
Other	477	379	360	468
Water Resources*	898	1,102	1,178	1,521
Capital	562	653	809	918
Other	336	449	369	603
Water Supply	1,327	1,436	1,472	1,600
Capital	712	748	761	878
Other	615	688	711	722
Wastewater Treatment	835	906	933	1,011
Capital	589	644	649	708
Other	246	262	284	303

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	15,879	17,008	17,763	19,191
Capital	9,464	10,082	10,753	11,535
Other	6,415	6,926	7,010	7,656
Highways	9,460	9,867	10,422	11,220
Capital	6,340	6,476	6,998	7,521
Other	3,120	3,391	3,424	3,699
Mass Transit	683	688	704	820
Capital	94	120	90	162
Other	589	568	614	658
Rail	10	11	26	12
Capital	0	0	0	0
Other	10	11	26	12
Aviation	856	1,081	1,133	1,159
Capital	356	467	416	356
Other	500	614	718	802
Water Transportation ^a	744	862	908	941
Capital	193	297	366	343
Other	551	565	542	599
Water Resources ^a	1,342	1,505	1,445	1,643
Capital	871	1,006	1,084	1,229
Other	471	499	361	414
Water Supply	1,681	1,892	1,852	1,932
Capital	843	990	913	905
Other	838	902	939	1,027
Wastewater Treatment	1,103	1,103	1,272	1,464
Capital	767	726	886	1,019
Other	336	377	386	445

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	19,966	21,181	22,459	23,882
Capital	12,093	12,728	13,363	14,148
Other	7,873	8,453	9,095	9,735
Highways	11,730	12,300	12,813	13,974
Capital	7,974	8,342	8,617	9,460
Other	3,756	3,958	4,196	4,514
Mass Transit	873	1,043	1,029	1,197
Capital	155	242	216	324
Other	718	801	813	873
Rail	15	29	26	41
Capital	0	0	0	0
Other	15	29	26	41
Aviation	1,175	1,286	1,332	1,443
Capital	322	343	322	351
Other	854	942	1,010	1,092
Water Transportation*	935	993	1,012	1,068
Capital	311	303	346	359
Other	625	689	666	708
Water Resources*	1,721	1,737	2,128	2,239
Capital	1,289	1,253	1,449	1,530
Other	432	485	679	709
Water Supply	2,001	2,227	2,411	2,286
Capital	948	1,138	1,211	1,055
Other	1,053	1,089	1,200	1,231
Wastewater Treatment	1,515	1,567	1,707	1,635
Capital	1,095	1,107	1,202	1,069
Other	420	460	505	566

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	25,194	27,009	28,878	32,601
Capital	14,662	15,563	16,078	18,099
Other	10,532	11,446	12,800	14,502
Highways	14,584	15,542	16,571	18,264
Capital	9,731	10,292	10,780	11,906
Other	4,852	5,250	5,791	6,358
Mass Transit	1,453	1,633	1,623	1,892
Capital	443	559	366	446
Other	1,010	1,074	1,257	1,446
Rail	28	29	30	119
Capital	0	0	0	0
Other	28	29	30	119
Aviation	1,523	1,824	2,294	2,807
Capital	386	569	804	898
Other	1,137	1,255	1,490	1,909
Water Transportation*	1,246	1,317	1,339	1,530
Capital	478	482	425	502
Other	768	836	914	1,028
Water Resources*	2,211	2,105	2,034	2,336
Capital	1,420	1,230	1,117	1,357
Other	792	875	917	979
Water Supply	2,417	2,665	2,821	3,007
Capital	1,097	1,225	1,201	1,247
Other	1,320	1,440	1,620	1,760
Wastewater Treatment	1,732	1,895	2,167	2,646
Capital	1,107	1,207	1,385	1,744
Other	625	688	782	902

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	35,283	36,782	39,531	46,763
Capital	19,568	19,705	20,835	24,484
Other	15,715	17,077	18,696	22,279
Highways	19,226	18,811	20,195	22,847
Capital	12,367	11,500	12,210	13,712
Other	6,859	7,312	7,986	9,135
Mass Transit	2,195	2,814	3,031	4,003
Capital	495	920	926	1,203
Other	1,700	1,894	2,105	2,800
Rail	152	187	243	929
Capital	0	0	47	205
Other	152	187	196	724
Aviation	3,079	3,346	3,274	3,544
Capital	1,141	1,343	1,036	1,094
Other	1,939	2,003	2,238	2,451
Water Transportation ^a	1,615	1,807	1,937	2,166
Capital	523	623	682	757
Other	1,092	1,184	1,254	1,409
Water Resources ^a	2,478	2,659	2,688	3,214
Capital	1,482	1,456	1,551	1,834
Other	997	1,203	1,137	1,380
Water Supply	3,278	3,555	4,083	4,797
Capital	1,358	1,435	1,743	2,111
Other	1,920	2,120	2,340	2,686
Wastewater Treatment	3,259	3,604	4,080	5,262
Capital	2,202	2,428	2,640	3,569
Other	1,057	1,176	1,440	1,693

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	50,543	13,069	54,066	58,527
Capital	25,924	6,231	25,678	26,906
Other	24,619	6,839	28,387	31,621
Highways	24,235	5,880	23,691	25,923
Capital	14,271	3,159	12,705	13,641
Other	9,964	2,721	10,987	12,281
Mass Transit	4,272	1,346	5,445	5,618
Capital	1,339	420	1,613	1,460
Other	2,933	925	3,832	4,158
Rail	1,460	211	1,895	1,938
Capital	568	27	931	848
Other	891	184	964	1,090
Aviation	3,763	890	3,866	4,369
Capital	1,029	203	868	1,072
Other	2,735	686	2,998	3,297
Water Transportation^a	2,241	604	2,491	2,607
Capital	653	161	672	741
Other	1,588	443	1,819	1,867
Water Resources^a	3,414	978	3,893	4,193
Capital	1,901	584	2,233	2,183
Other	1,513	394	1,660	2,009
Water Supply	5,220	1,399	5,711	6,323
Capital	2,208	512	2,071	2,281
Other	3,012	887	3,640	4,042
Wastewater Treatment	5,937	1,763	7,074	7,556
Capital	3,955	1,165	4,587	4,679
Other	1,982	598	2,488	2,877

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	67,851	77,907	84,831	85,842
Capital	32,684	38,229	38,499	37,548
Other	35,167	39,678	46,332	48,294
Highways	30,014	34,035	34,967	35,409
Capital	16,529	19,264	19,118	18,338
Other	13,484	14,771	15,850	17,071
Mass Transit	6,529	7,924	9,791	11,316
Capital	1,694	2,095	2,731	3,208
Other	4,835	5,829	7,061	8,109
Rail	2,059	2,405	3,715	2,154
Capital	1,155	1,246	451	521
Other	904	1,158	3,265	1,633
Aviation	4,853	5,693	6,118	6,089
Capital	1,317	1,720	1,760	1,742
Other	3,536	3,973	4,358	4,347
Water Transportation*	3,040	3,480	3,856	4,082
Capital	947	1,199	1,288	1,188
Other	2,093	2,281	2,568	2,893
Water Resources*	4,901	5,656	5,728	5,539
Capital	2,400	2,827	2,728	2,936
Other	2,502	2,830	3,000	2,603
Water Supply	7,386	8,515	9,613	10,339
Capital	2,860	3,447	3,760	3,722
Other	4,526	5,068	5,853	6,617
Wastewater Treatment	9,070	10,200	11,042	10,914
Capital	5,782	6,432	6,664	5,893
Other	3,287	3,768	4,378	5,021

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	90,677	96,628	105,841	115,476
Capital	38,734	41,250	46,481	52,142
Other	51,943	55,378	59,361	63,334
Highways	37,679	41,112	46,363	50,369
Capital	19,083	21,200	24,634	27,181
Other	18,595	19,912	21,728	23,188
Mass Transit	12,560	13,260	13,852	14,697
Capital	3,679	3,863	3,830	3,904
Other	8,881	9,397	10,021	10,793
Rail	1,342	1,558	1,072	908
Capital	426	433	336	136
Other	916	1,125	736	772
Aviation	6,704	7,346	7,979	8,846
Capital	1,888	2,183	2,454	3,101
Other	4,816	5,163	5,524	5,744
Water Transportation ^a	4,390	4,370	4,740	5,672
Capital	1,296	1,161	1,514	2,559
Other	3,093	3,209	3,226	3,112
Water Resources ^a	5,749	5,992	6,451	6,628
Capital	2,865	3,063	3,249	3,233
Other	2,884	2,929	3,202	3,395
Water Supply	10,946	11,308	12,919	14,660
Capital	3,725	3,618	4,403	5,355
Other	7,221	7,689	8,516	9,305
Wastewater Treatment	11,308	11,683	12,466	13,696
Capital	5,771	5,729	6,060	6,672
Other	5,538	5,954	6,407	7,024

(Continued)

TABLE A-1. TOTAL PUBLIC SPENDING (In millions of nominal dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	123,073	130,889	138,051	147,594	157,733
Capital	55,733	59,722	62,029	66,292	71,103
Other	67,340	71,168	76,022	81,302	86,630
Highways	53,439	56,571	59,104	62,437	66,295
Capital	29,125	31,927	33,047	34,532	36,957
Other	24,315	24,645	26,057	27,904	29,338
Mass Transit	15,562	16,293	17,142	18,522	20,327
Capital	4,095	4,106	4,683	5,491	5,817
Other	11,467	12,187	12,459	13,031	14,510
Rail	829	598	623	558	807
Capital	148	0	-6	-48	228
Other	681	598	629	606	579
Aviation	9,598	10,523	11,423	12,685	14,098
Capital	3,604	4,065	4,204	4,913	5,644
Other	5,993	6,458	7,219	7,772	8,454
Water Transportation ^a	5,207	4,942	4,823	5,114	5,178
Capital	1,721	1,349	1,064	1,210	1,255
Other	3,486	3,593	3,759	3,904	3,924
Water Resources ^a	7,103	8,699	9,440	10,107	10,115
Capital	3,457	3,833	4,194	4,622	4,339
Other	3,645	4,866	5,247	5,485	5,776
Water Supply	16,106	16,757	18,140	19,520	20,866
Capital	6,028	6,132	6,497	7,029	7,658
Other	10,078	10,625	11,642	12,491	13,208
Wastewater Treatment	15,228	16,506	17,356	18,650	20,048
Capital	7,555	8,311	8,346	8,543	9,206
Other	7,674	8,195	9,010	10,107	10,842

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
b. Transition quarter.

TABLE A-2. TOTAL FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	2,161	2,508	3,200	4,823	5,324	5,361
Capital	1,338	1,680	2,493	3,697	4,066	3,969
Other	823	828	707	1,125	1,258	1,391
Highways	776	995	1,528	2,630	2,973	2,645
Capital	729	950	1,511	2,601	2,927	2,610
Other	47	45	17	29	46	35
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	8	11	14	13	10	11
Capital	0	0	0	0	0	0
Other	8	11	14	13	10	11
Aviation	180	220	316	497	571	724
Capital	27	45	96	164	170	218
Other	153	175	220	333	401	506
Water Transportation ^a	420	365	392	436	508	569
Capital	37	66	113	56	57	104
Other	383	299	279	380	451	465
Water Resources ^b	777	916	931	1,211	1,222	1,368
Capital	545	616	754	840	872	993
Other	232	299	177	371	350	374
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	3	19	36	40	44
Capital	0	3	19	36	40	44
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	5,641	6,113	6,786	7,411	7,532	7,733
Capital	4,307	4,619	5,242	5,629	5,712	5,805
Other	1,335	1,494	1,544	1,782	1,821	1,928
Highways	2,848	3,093	3,710	4,096	4,044	4,069
Capital	2,789	3,026	3,641	4,016	3,998	4,000
Other	59	66	69	81	46	70
Mass Transit	1	4	6	12	21	45
Capital	c	2	5	11	16	42
Other	1	2	1	1	5	3
Rail	26	12	15	29	26	41
Capital	0	0	0	0	0	0
Other	26	12	15	29	26	41
Aviation	818	851	882	941	961	1,042
Capital	221	185	169	153	119	127
Other	598	666	713	788	842	915
Water Transportation^a	617	655	646	717	695	749
Capital	181	151	138	144	153	175
Other	435	504	508	573	541	574
Water Resources^a	1,290	1,447	1,460	1,546	1,704	1,685
Capital	1,074	1,203	1,223	1,235	1,344	1,360
Other	216	244	238	310	360	325
Water Supply	0	0	0	0	c	13
Capital	0	0	0	0	c	13
Other	0	0	0	0	0	0
Wastewater Treatment	42	52	66	70	82	89
Capital	42	52	66	70	82	89
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	8,159	8,358	8,824	10,427	10,916	12,011
Capital	6,017	6,006	6,138	7,104	7,464	8,111
Other	2,142	2,353	2,686	3,324	3,453	3,900
Highways	4,298	4,286	4,542	4,869	4,915	5,004
Capital	4,153	4,140	4,332	4,621	4,645	4,748
Other	145	146	210	248	270	257
Mass Transit	69	148	124	212	316	491
Capital	66	141	119	187	259	358
Other	3	7	5	25	57	133
Rail	28	29	30	119	152	187
Capital	0	0	0	0	0	0
Other	28	29	30	119	152	187
Aviation	1,084	1,206	1,408	1,807	1,908	2,159
Capital	135	187	196	225	340	565
Other	949	1,019	1,212	1,582	1,568	1,595
Water Transportation*	841	857	895	1,027	1,094	1,211
Capital	214	190	167	199	218	276
Other	627	667	729	828	876	934
Water Resources*	1,644	1,591	1,514	1,768	1,948	2,221
Capital	1,253	1,106	1,013	1,247	1,419	1,427
Other	391	485	501	521	530	794
Water Supply	55	81	101	110	127	35
Capital	55	81	101	110	127	35
Other	0	0	0	0	0	0
Wastewater Treatment	141	162	210	515	456	703
Capital	141	162	210	515	456	703
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1974	1975	1976	TQ*	1977	1978
All Categories	13190.64	15,780	19,477	5,241	22,208	22,870
Capital	9,158	10,644	13,473	3,767	15,577	15,436
Other	4,033	5,135	6,003	1,474	6,631	7,434
Highways	4,806	5,058	6,712	1,807	6,395	6,393
Capital	4,480	4,692	6,319	1,671	6,071	5,943
Other	326	366	393	136	325	449
Mass Transit	590	1,106	1,492	339	2,000	2,177
Capital	503	864	946	265	1,307	1,358
Other	87	242	546	74	693	819
Rail	243	929	1,460	211	1,895	1,938
Capital	47	205	568	27	931	848
Other	196	724	891	184	964	1,090
Aviation	2,216	2,387	2,531	578	2,786	3,243
Capital	467	533	495	79	559	810
Other	1,749	1,854	2,036	499	2,227	2,433
Water Transportation*	1,316	1,430	1,542	415	1,741	1,787
Capital	332	338	303	73	330	363
Other	984	1,092	1,238	342	1,411	1,424
Water Resources*	2,200	2,608	2,742	804	3,213	3,431
Capital	1,510	1,751	1,843	565	2,201	2,212
Other	691	857	899	239	1,012	1,219
Water Supply	173	211	370	109	422	465
Capital	173	211	370	109	422	465
Other	0	0	0	0	0	0
Wastewater Treatment	1,647	2,051	2,628	978	3,757	3,437
Capital	1,647	2,051	2,628	978	3,757	3,437
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	26,057	30,989	32,486	29,451	29,023	31,132
Capital	18,163	21,890	20,712	19,476	19,496	21,339
Other	7,895	9,099	11,774	9,975	9,528	9,794
Highways	7,583	9,639	9,514	8,284	9,208	10,811
Capital	7,089	9,087	8,927	7,803	8,784	10,384
Other	495	552	587	482	425	427
Mass Transit	2,542	3,307	3,914	3,930	3,759	3,811
Capital	1,700	2,038	2,593	2,588	2,782	3,113
Other	842	1,269	1,321	1,341	976	698
Rail	2,059	2,405	3,715	2,154	1,342	1,558
Capital	1,155	1,246	451	521	426	433
Other	904	1,158	3,265	1,633	916	1,125
Aviation	3,355	3,723	3,814	3,526	4,000	4,415
Capital	802	907	807	698	831	1,048
Other	2,554	2,815	3,007	2,828	3,169	3,368
Water Transportation*	1,969	2,229	2,381	2,687	2,969	3,010
Capital	372	512	455	486	613	543
Other	1,597	1,717	1,926	2,201	2,356	2,468
Water Resources*	3,853	4,223	4,132	3,948	3,904	4,070
Capital	2,350	2,634	2,463	2,457	2,218	2,363
Other	1,503	1,588	1,669	1,490	1,686	1,708
Water Supply	610	729	738	758	558	541
Capital	610	729	738	758	558	541
Other	0	0	0	0	0	0
Wastewater Treatment	4,085	4,736	4,279	4,164	3,283	2,914
Capital	4,085	4,736	4,279	4,164	3,283	2,914
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	33,643	35,931	32,856	34,135	34,493	36,727
Capital	23,666	26,364	23,051	24,010	23,714	25,732
Other	9,977	9,566	9,805	10,125	10,779	10,995
Highways	13,110	14,420	12,969	14,237	13,731	14,584
Capital	12,683	13,967	12,434	13,704	13,224	13,993
Other	427	453	535	533	507	590
Mass Transit	3,427	3,399	3,353	3,315	3,593	3,830
Capital	2,420	2,729	2,551	2,395	2,667	3,142
Other	1,007	670	802	920	927	688
Rail	1,072	908	829	598	623	558
Capital	336	136	148	0	-6	-48
Other	736	772	681	598	629	606
Aviation	4,895	5,287	5,520	5,897	6,622	7,234
Capital	1,291	1,665	1,841	1,976	2,256	2,572
Other	3,604	3,622	3,679	3,921	4,366	4,661
Water Transportation*	3,201	3,964	3,461	3,111	2,916	3,151
Capital	749	1,660	843	430	126	271
Other	2,452	2,305	2,617	2,681	2,790	2,880
Water Resources*	4,122	4,041	3,783	4,034	4,271	4,401
Capital	2,371	2,296	2,292	2,561	2,710	2,833
Other	1,751	1,745	1,491	1,473	1,561	1,568
Water Supply	596	520	14	278	252	441
Capital	596	520	14	278	252	441
Other	0	0	0	0	0	0
Wastewater Treatment	3,220	3,392	2,928	2,664	2,485	2,528
Capital	3,220	3,392	2,928	2,664	2,485	2,528
Other	0	0	0	0	0	0

(Continued)

TABLE A-2. TOTAL FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^d
All Categories	38,294	41,237	42,267	45,284	47,223
Capital	26,785	27,928	29,077	30,335	31,747
Other	11,509	13,309	13,190	14,949	15,477
Highways	14,862	15,793	16,923	19,346	19,926
Capital	14,267	15,080	16,203	18,426	18,914
Other	596	714	720	920	1,011
Mass Transit	3,912	3,667	3,530	3,769	3,836
Capital	3,218	2,763	3,058	2,542	2,763
Other	694	904	472	1,227	1,073
Rail	807	928	839	855	1,116
Capital	228	357	255	287	453
Other	579	571	584	567	662
Aviation	8,184	9,313	10,049	10,146	10,132
Capital	3,094	3,703	4,226	4,113	4,045
Other	5,090	5,610	5,823	6,033	6,087
Water Transportation ^a	3,148	3,539	3,501	3,784	3,939
Capital	265	358	330	389	300
Other	2,882	3,181	3,172	3,395	3,639
Water Resources ^b	4,366	4,957	4,722	4,901	5,536
Capital	2,697	2,628	2,304	2,095	2,532
Other	1,669	2,330	2,418	2,806	3,003
Water Supply	407	402	372	329	348
Capital	407	402	372	329	348
Other	0	0	0	0	0
Wastewater Treatment	2,608	2,637	2,330	2,155	2,390
Capital	2,608	2,637	2,330	2,155	2,390
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.
- d. Values for 1995 are estimated.

TABLE A-3. DIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	1,400	1,517	1,603	2,094	2,252	2,596
Capital	577	693	903	980	1,009	1,218
Other	823	824	699	1,113	1,243	1,378
Highways	47	41	10	17	32	23
Capital	0	0	0	0	0	0
Other	47	41	10	17	32	23
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	8	11	14	13	10	11
Capital	0	0	0	0	0	0
Other	8	11	14	13	10	11
Aviation	163	199	273	440	514	659
Capital	10	24	53	107	113	153
Other	153	175	220	333	401	506
Water Transportation*	420	365	392	436	507	569
Capital	37	66	113	56	57	104
Other	383	299	279	380	450	465
Water Resources*	762	902	914	1,188	1,189	1,335
Capital	530	603	737	817	839	961
Other	232	299	177	371	350	374
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	2,719	2,911	2,939	3,170	3,286	3,404
Capital	1,399	1,448	1,422	1,421	1,512	1,542
Other	1,320	1,462	1,516	1,749	1,774	1,863
Highways	65	70	66	79	43	41
Capital	20	18	15	18	19	16
Other	45	52	51	61	24	25
Mass Transit	1	2	1	1	5	3
Capital	0	0	0	0	0	0
Other	1	2	1	1	5	3
Rail	26	12	15	29	26	41
Capital	0	0	0	0	0	0
Other	26	12	15	29	26	41
Aviation	760	800	816	871	907	978
Capital	163	133	104	82	65	63
Other	598	666	713	788	842	915
Water Transportation*	616	654	644	717	694	749
Capital	181	151	138	144	153	175
Other	435	504	507	572	541	573
Water Resources*	1,250	1,373	1,396	1,475	1,611	1,593
Capital	1,035	1,146	1,166	1,177	1,275	1,288
Other	215	227	230	298	336	305
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	3,542	3,626	3,815	4,770	5,154	5,760
Capital	1,478	1,333	1,237	1,555	1,805	1,978
Other	2,063	2,292	2,578	3,215	3,349	3,782
Highways	101	124	144	169	205	196
Capital	15	19	18	18	27	41
Other	85	105	126	151	178	156
Mass Transit	2	6	4	22	53	125
Capital	0	0	0	0	0	0
Other	2	6	4	22	53	125
Rail	28	29	30	119	152	187
Capital	0	0	0	0	0	0
Other	28	29	30	119	152	187
Aviation	1,009	1,102	1,325	1,746	1,802	1,927
Capital	60	83	113	164	235	332
Other	949	1,019	1,212	1,582	1,568	1,595
Water Transportation^a	840	856	895	1,026	1,091	1,206
Capital	214	190	167	199	218	276
Other	626	667	728	827	873	930
Water Resources^a	1,562	1,509	1,417	1,688	1,850	2,119
Capital	1,189	1,042	939	1,175	1,325	1,329
Other	373	467	478	513	525	790
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	5,910	7,338	7,876	2,070	9,445	10,067
Capital	2,035	2,326	2,497	702	3,566	3,580
Other	3,874	5,012	5,379	1,368	5,879	6,487
Highways	247	319	328	116	246	356
Capital	56	66	62	20	65	76
Other	192	253	266	96	182	279
Mass Transit	71	242	60	8	94	55
Capital	0	0	0	0	0	0
Other	71	242	60	8	94	55
Rail	220	760	1,080	206	1,865	1,942
Capital	24	36	189	23	902	852
Other	196	724	891	184	964	1,090
Aviation	1,973	2,095	2,262	553	2,451	2,681
Capital	224	242	227	54	224	248
Other	1,749	1,854	2,036	499	2,227	2,433
Water Transportation^a	1,312	1,425	1,536	415	1,734	1,781
Capital	332	338	303	73	330	363
Other	979	1,087	1,233	341	1,404	1,417
Water Resources^a	2,087	2,497	2,609	771	3,054	3,253
Capital	1,400	1,645	1,716	532	2,045	2,040
Other	687	852	893	239	1,009	1,213
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	10,862	12,225	13,864	12,141	11,787	12,415
Capital	3,980	4,560	3,611	3,623	3,464	3,419
Other	6,882	7,665	10,253	8,518	8,323	8,995
Highways	355	401	385	356	333	301
Capital	71	81	73	47	46	24
Other	284	320	313	309	287	277
Mass Transit	50	78	85	83	50	63
Capital	0	0	0	0	0	0
Other	50	78	85	83	50	63
Rail	1,992	2,261	3,642	2,061	1,155	1,457
Capital	1,090	1,105	381	454	375	334
Other	903	1,156	3,261	1,607	780	1,123
Aviation	2,799	3,132	3,345	3,188	3,548	3,722
Capital	245	317	338	360	379	354
Other	2,554	2,815	3,007	2,828	3,169	3,368
Water Transportation*	1,964	2,226	2,381	2,687	2,964	3,000
Capital	372	512	455	486	613	543
Other	1,592	1,715	1,926	2,201	2,351	2,457
Water Resources*	3,701	4,126	4,027	3,766	3,737	3,872
Capital	2,202	2,545	2,365	2,276	2,051	2,164
Other	1,499	1,580	1,662	1,490	1,686	1,708
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	12,546	13,415	12,883	13,031	13,444	14,399
Capital	3,692	4,669	4,027	3,982	3,830	4,288
Other	8,854	8,746	8,856	9,049	9,615	10,110
Highways	279	293	385	332	269	409
Capital	7	11	21	12	15	30
Other	271	282	364	320	255	379
Mass Transit	52	45	48	89	44	42
Capital	0	0	0	0	0	0
Other	52	45	48	89	44	42
Rail	1,019	878	803	575	606	557
Capital	284	109	124	-22	-20	-48
Other	735	770	679	597	626	605
Aviation	4,107	4,434	4,603	5,072	5,488	6,014
Capital	503	812	924	1,151	1,122	1,352
Other	3,604	3,622	3,679	3,921	4,366	4,661
Water Transportation ^a	3,189	3,942	3,439	3,080	2,889	3,125
Capital	749	1,660	843	430	126	271
Other	2,440	2,282	2,596	2,650	2,763	2,854
Water Resources ^b	3,900	3,823	3,606	3,883	4,149	4,251
Capital	2,149	2,078	2,115	2,410	2,588	2,683
Other	1,751	1,745	1,491	1,473	1,561	1,568
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-3. DIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^a
All Categories	15,250	17,150	17,099	18,956	19,305
Capital	4,656	4,945	5,062	5,065	5,250
Other	10,595	12,204	12,037	13,891	14,055
Highways	428	544	513	677	751
Capital	53	42	26	16	26
Other	375	502	487	661	725
Mass Transit	40	49	-408	510	70
Capital	0	0	0	0	0
Other	40	49	-408	510	70
Rail	799	914	820	827	1,086
Capital	226	343	236	259	424
Other	574	571	584	567	662
Aviation	6,643	7,641	8,118	8,526	8,347
Capital	1,553	2,031	2,295	2,493	2,260
Other	5,090	5,610	5,823	6,033	6,087
Water Transportation ^b	3,113	3,159	3,464	3,744	3,904
Capital	265	14	329	388	299
Other	2,847	3,144	3,134	3,355	3,605
Water Resources ^b	4,227	4,844	4,592	4,672	5,147
Capital	2,559	2,515	2,176	1,908	2,241
Other	1,669	2,329	2,416	2,764	2,906
Water Supply	0	0	0	0	0
Capital	0	0	0	0	0
Other	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0
Capital	0	0	0	0	0
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. Values for 1995 are estimated.

TABLE A-4. INDIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	761	991	1,598	2,729	3,072	2,764
Capital	761	986	1,590	2,717	3,057	2,751
Other	c	4	7	12	15	13
Highways	729	954	1,518	2,613	2,942	2,623
Capital	729	950	1,511	2,601	2,927	2,610
Other	0	4	7	12	15	13
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	17	21	43	57	57	65
Capital	17	21	43	57	57	65
Other	0	0	0	0	0	0
Water Transportation^a	c	c	c	c	1	c
Capital	0	0	0	0	0	0
Other	c	c	c	c	1	c
Water Resources^a	15	13	17	23	33	32
Capital	15	13	17	23	33	32
Other	0	0	0	0	0	0
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	3	19	36	40	44
Capital	0	3	19	36	40	44
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	2,923	3,203	3,847	4,241	4,247	4,328
Capital	2,908	3,171	3,819	4,208	4,200	4,263
Other	15	32	28	33	47	65
Highways	2,783	3,023	3,644	4,018	4,001	4,029
Capital	2,769	3,008	3,626	3,998	3,979	3,984
Other	14	15	18	20	22	45
Mass Transit	c	2	5	11	16	42
Capital	c	2	5	11	16	42
Other	0	0	0	0	0	0
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	58	52	65	71	54	64
Capital	58	52	65	71	54	64
Other	0	0	0	0	0	0
Water Transportation*	1	c	1	1	c	c
Capital	0	0	0	0	0	0
Other	1	c	1	1	c	c
Water Resources*	39	74	65	71	93	92
Capital	39	57	57	58	69	72
Other	1	17	8	13	24	20
Water Supply	0	0	0	0	c	13
Capital	0	0	0	0	c	13
Other	0	0	0	0	0	0
Wastewater Treatment	42	52	66	70	82	89
Capital	42	52	66	70	82	89
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	4,617	4,733	5,009	5,657	5,763	6,251
Capital	4,538	4,672	4,901	5,548	5,659	6,133
Other	78	61	108	109	104	118
Highways	4,197	4,162	4,398	4,700	4,710	4,808
Capital	4,138	4,121	4,314	4,603	4,618	4,707
Other	59	41	84	97	92	101
Mass Transit	67	142	120	190	263	367
Capital	66	141	119	187	259	358
Other	1	1	1	3	4	9
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	75	104	83	61	105	232
Capital	75	104	83	61	105	232
Other	0	0	0	0	0	0
Water Transportation*	c	c	c	c	3	5
Capital	0	0	0	0	0	0
Other	c	c	c	c	3	5
Water Resources*	81	82	97	80	98	101
Capital	64	64	74	72	94	98
Other	18	18	22	8	5	3
Water Supply	55	81	101	110	127	35
Capital	55	81	101	110	127	35
Other	0	0	0	0	0	0
Wastewater Treatment	141	162	210	515	456	703
Capital	141	162	210	515	456	703
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	7,281	8,441	11,601	3,171	12,763	12,803
Capital	7,123	8,318	10,976	3,066	12,011	11,856
Other	158	123	624	106	752	947
Highways	4,558	4,739	6,384	1,691	6,149	6,037
Capital	4,424	4,626	6,257	1,651	6,006	5,867
Other	134	113	127	40	143	170
Mass Transit	519	864	1,432	330	1,906	2,122
Capital	503	864	946	265	1,307	1,358
Other	16	0	486	65	599	764
Rail	23	169	379	5	30	-4
Capital	23	169	379	5	29	-5
Other	0	c	c	c	c	c
Aviation	243	292	269	26	335	562
Capital	243	292	269	26	335	562
Other	0	0	0	0	0	0
Water Transportation ^a	4	5	5	1	7	6
Capital	0	0	0	0	0	0
Other	4	5	5	1	7	6
Water Resources ^a	113	111	133	33	159	178
Capital	110	106	127	33	156	172
Other	4	5	6	0	3	7
Water Supply	173	211	370	109	422	465
Capital	173	211	370	109	422	465
Other	0	0	0	0	0	0
Wastewater Treatment	1,647	2,051	2,628	978	3,757	3,437
Capital	1,647	2,051	2,628	978	3,757	3,437
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	15,195	18,765	18,623	17,310	17,237	18,717
Capital	14,183	17,330	17,101	15,853	16,032	17,919
Other	1,012	1,435	1,522	1,457	1,204	798
Highways	7,228	9,238	9,129	7,928	8,875	10,510
Capital	7,018	9,007	8,854	7,755	8,738	10,360
Other	210	231	275	173	138	150
Mass Transit	2,492	3,229	3,829	3,847	3,708	3,748
Capital	1,700	2,038	2,593	2,588	2,782	3,113
Other	792	1,191	1,236	1,259	926	635
Rail	66	143	73	93	187	100
Capital	65	141	70	67	51	98
Other	1	2	3	26	136	2
Aviation	556	590	469	339	453	694
Capital	556	590	469	339	453	694
Other	0	0	0	0	0	0
Water Transportation^a	5	2	c	0	5	11
Capital	0	0	0	0	0	0
Other	5	2	c	0	5	11
Water Resources^a	151	97	106	181	167	198
Capital	148	89	99	181	167	198
Other	4	8	7	0	0	0
Water Supply	610	729	738	758	558	541
Capital	610	729	738	758	558	541
Other	0	0	0	0	0	0
Wastewater Treatment	4,085	4,736	4,279	4,164	3,283	2,914
Capital	4,085	4,736	4,279	4,164	3,283	2,914
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	21,097	22,516	19,973	21,103	21,049	22,328
Capital	19,974	21,695	19,024	20,028	19,884	21,444
Other	1,123	820	949	1,076	1,165	885
Highways	12,832	14,126	12,584	13,904	13,461	14,174
Capital	12,676	13,956	12,413	13,692	13,209	13,963
Other	156	170	171	212	252	211
Mass Transit	3,374	3,355	3,305	3,227	3,550	3,788
Capital	2,420	2,729	2,551	2,395	2,667	3,142
Other	954	625	754	831	883	646
Rail	53	29	26	23	17	2
Capital	52	27	24	21	14	c
Other	1	2	2	2	2	2
Aviation	789	853	917	825	1,135	1,220
Capital	789	853	917	825	1,135	1,220
Other	0	0	0	0	0	0
Water Transportation^a	12	23	22	31	27	26
Capital	0	0	0	0	0	0
Other	12	23	22	31	27	26
Water Resources^a	222	217	178	151	122	150
Capital	222	217	178	151	122	150
Other	0	0	0	0	0	0
Water Supply	596	520	14	278	252	441
Capital	596	520	14	278	252	441
Other	0	0	0	0	0	0
Wastewater Treatment	3,220	3,392	2,928	2,664	2,485	2,528
Capital	3,220	3,392	2,928	2,664	2,485	2,528
Other	0	0	0	0	0	0

(Continued)

TABLE A-4. INDIRECT FEDERAL SPENDING (In millions of nominal dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^d
All Categories	23,044	24,087	25,168	26,328	27,918
Capital	22,130	22,983	24,016	25,270	26,496
Other	915	1,105	1,153	1,058	1,422
Highways	14,434	15,249	16,410	18,669	19,175
Capital	14,213	15,038	16,177	18,410	18,889
Other	221	212	233	259	286
Mass Transit	3,872	3,618	3,938	3,259	3,767
Capital	3,218	2,763	3,058	2,542	2,763
Other	654	855	880	717	1,003
Rail	8	14	19	28	29
Capital	3	14	19	28	29
Other	5	0	0	0	0
Aviation	1,541	1,672	1,931	1,620	1,785
Capital	1,541	1,672	1,931	1,620	1,785
Other	0	0	0	0	0
Water Transportation ^a	35	380	38	40	35
Capital	0	344	1	1	1
Other	35	36	37	39	35
Water Resources ^a	139	114	130	229	389
Capital	139	113	128	187	291
Other	0	1	2	42	98
Water Supply	407	402	372	329	348
Capital	407	402	372	329	348
Other	0	0	0	0	0
Wastewater Treatment	2,608	2,637	2,330	2,155	2,390
Capital	2,608	2,637	2,330	2,155	2,390
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.
- d. Values for 1995 are estimated.

TABLE A-5. STATE AND LOCAL SPENDING FOR INFRASTRUCTURE, NET OF FEDERAL GRANTS AND LOANS, 1956-1991 (In millions of nominal dollars)

	1956	1957	1958	1959
All Categories	9,439	10,382	10,760	11,002
Capital	5,560	6,062	6,179	6,096
Other	3,879	4,320	4,581	4,906
Highways	6,223	6,862	7,049	6,979
Capital	3,925	4,261	4,250	4,040
Other	2,298	2,601	2,799	2,939
Mass Transit	580	596	628	647
Capital	109	120	134	102
Other	471	476	494	545
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	154	211	232	251
Capital	102	147	211	173
Other	52	64	21	78
Water Transportation ^a	200	187	219	241
Capital	106	107	138	153
Other	94	80	81	88
Water Resources ^a	120	187	247	310
Capital	17	37	55	78
Other	104	150	192	232
Water Supply	1,327	1,436	1,472	1,600
Capital	712	748	761	878
Other	615	688	711	722
Wastewater Treatment	835	904	914	975
Capital	589	642	630	672
Other	246	262	284	303

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	10,554	11,647	12,122	13,078
Capital	5,397	6,113	6,446	6,916
Other	5,157	5,535	5,675	6,162
Highways	6,486	7,221	7,574	8,127
Capital	3,413	3,866	4,209	4,495
Other	3,073	3,355	3,365	3,632
Mass Transit	683	688	703	816
Capital	94	120	90	160
Other	589	568	613	656
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	285	357	315	307
Capital	186	249	195	171
Other	99	108	120	136
Water Transportation ^a	236	293	291	287
Capital	136	193	185	192
Other	100	100	106	95
Water Resources ^a	120	137	156	196
Capital	-1	13	10	26
Other	121	125	146	171
Water Supply	1,681	1,892	1,852	1,932
Capital	843	990	913	905
Other	838	902	939	1,027
Wastewater Treatment	1,063	1,059	1,230	1,412
Capital	727	682	844	967
Other	336	377	386	445

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	13,180	13,770	14,926	16,150
Capital	6,851	7,099	7,652	8,343
Other	6,329	6,671	7,274	7,807
Highways	8,020	8,203	8,769	9,904
Capital	4,333	4,326	4,619	5,460
Other	3,687	3,877	4,150	4,444
Mass Transit	867	1,031	1,008	1,152
Capital	150	231	200	282
Other	717	800	808	870
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	294	344	371	401
Capital	153	190	203	224
Other	141	154	168	177
Water Transportation*	290	275	318	319
Capital	173	159	193	184
Other	117	116	125	135
Water Resources*	260	192	424	554
Capital	66	17	105	170
Other	195	174	319	384
Water Supply	2,001	2,227	2,411	2,273
Capital	948	1,138	1,211	1,042
Other	1,053	1,089	1,200	1,231
Wastewater Treatment	1,449	1,497	1,625	1,546
Capital	1,029	1,037	1,120	980
Other	420	460	505	566

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	17,035	18,651	20,054	22,174
Capital	8,645	9,558	9,940	10,995
Other	8,390	9,093	10,114	11,178
Highways	10,286	11,256	12,029	13,395
Capital	5,578	6,152	6,448	7,285
Other	4,708	5,104	5,581	6,110
Mass Transit	1,384	1,485	1,499	1,680
Capital	377	418	247	259
Other	1,007	1,067	1,252	1,421
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	439	618	886	1,000
Capital	251	382	608	673
Other	188	236	278	327
Water Transportation ^a	406	461	444	504
Capital	264	292	258	303
Other	142	169	186	201
Water Resources ^a	568	514	520	567
Capital	167	124	104	110
Other	401	390	416	458
Water Supply	2,362	2,584	2,720	2,897
Capital	1,042	1,144	1,100	1,137
Other	1,320	1,440	1,620	1,760
Wastewater Treatment	1,591	1,733	1,957	2,131
Capital	966	1,045	1,175	1,229
Other	625	688	782	902

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	24,366	24,772	26,340	30,983
Capital	12,104	11,594	11,677	13,840
Other	12,262	13,178	14,664	17,143
Highways	14,311	13,807	15,390	17,789
Capital	7,722	6,752	7,730	9,020
Other	6,589	7,055	7,660	8,769
Mass Transit	1,879	2,322	2,441	2,897
Capital	236	562	423	339
Other	1,643	1,760	2,018	2,558
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,172	1,187	1,058	1,157
Capital	801	779	569	560
Other	371	408	489	597
Water Transportation^a	521	596	621	736
Capital	305	347	350	419
Other	216	249	271	317
Water Resources^a	530	439	488	606
Capital	63	30	42	83
Other	467	409	446	523
Water Supply	3,151	3,520	3,910	4,586
Capital	1,231	1,400	1,570	1,900
Other	1,920	2,120	2,340	2,686
Wastewater Treatment	2,803	2,901	2,433	3,211
Capital	1,746	1,725	993	1,518
Other	1,057	1,176	1,440	1,693

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	31,066	7,828	31,857	35,657
Capital	12,451	2,463	10,102	11,469
Other	18,615	5,365	21,756	24,187
Highways	17,523	4,073	17,296	19,530
Capital	7,952	1,488	6,634	7,698
Other	9,571	2,586	10,662	11,832
Mass Transit	2,780	1,007	3,445	3,441
Capital	393	155	306	102
Other	2,387	852	3,139	3,340
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,232	311	1,079	1,126
Capital	533	124	309	262
Other	699	187	771	864
Water Transportation^a	700	189	750	820
Capital	350	88	342	378
Other	350	101	408	443
Water Resources^a	672	173	681	762
Capital	58	19	33	-28
Other	614	155	648	790
Water Supply	4,850	1,290	5,289	5,858
Capital	1,838	403	1,649	1,816
Other	3,012	887	3,640	4,042
Wastewater Treatment	3,309	785	3,317	4,119
Capital	1,327	187	830	1,242
Other	1,982	598	2,488	2,877

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	41,794	46,918	52,344	56,390
Capital	14,521	16,339	17,787	18,072
Other	27,273	30,579	34,557	38,319
Highways	22,430	24,396	25,453	27,125
Capital	9,441	10,177	10,191	10,535
Other	12,990	14,219	15,262	16,590
Mass Transit	3,987	4,617	5,878	7,387
Capital	-6	57	138	619
Other	3,993	4,560	5,740	6,767
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,498	1,970	2,304	2,563
Capital	516	812	953	1,044
Other	982	1,158	1,351	1,519
Water Transportation ^a	1,071	1,251	1,475	1,394
Capital	575	687	833	703
Other	496	564	642	692
Water Resources ^a	1,048	1,434	1,596	1,591
Capital	50	192	265	478
Other	999	1,241	1,332	1,113
Water Supply	6,775	7,786	8,875	9,581
Capital	2,249	2,718	3,022	2,964
Other	4,526	5,068	5,853	6,617
Wastewater Treatment	4,985	5,464	6,763	6,750
Capital	1,697	1,696	2,385	1,729
Other	3,287	3,768	4,378	5,021

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	61,654	65,496	72,198	79,545
Capital	19,238	19,911	22,815	25,778
Other	42,415	45,584	49,384	53,768
Highways	28,470	30,301	33,252	35,950
Capital	10,300	10,816	11,951	13,214
Other	18,171	19,485	21,301	22,736
Mass Transit	8,801	9,448	10,425	11,298
Capital	897	749	1,410	1,175
Other	7,905	8,699	9,015	10,123
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	2,703	2,930	3,083	3,558
Capital	1,056	1,135	1,163	1,436
Other	1,647	1,795	1,920	2,122
Water Transportation ^a	1,421	1,360	1,539	1,707
Capital	684	618	765	900
Other	737	741	774	808
Water Resources ^a	1,845	1,921	2,329	2,587
Capital	647	700	878	938
Other	1,198	1,221	1,451	1,650
Water Supply	10,388	10,766	12,323	14,141
Capital	3,167	3,077	3,808	4,835
Other	7,221	7,689	8,516	9,305
Wastewater Treatment	8,025	8,769	9,246	10,304
Capital	2,487	2,815	2,839	3,280
Other	5,538	5,954	6,407	7,024

(Continued)

TABLE A-5. NET STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	90,217	96,755	103,557	110,867	119,439
Capital	32,682	35,712	38,315	40,560	44,318
Other	57,535	61,043	65,242	70,307	75,121
Highways	40,471	42,335	45,373	47,853	51,433
Capital	16,691	18,222	19,823	20,539	22,690
Other	23,780	24,112	25,550	27,314	28,743
Mass Transit	12,209	12,977	13,549	14,692	16,414
Capital	1,543	1,711	2,016	2,349	2,598
Other	10,666	11,267	11,533	12,343	13,816
Rail	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	4,078	4,626	4,800	5,451	5,914
Capital	1,764	2,088	1,948	2,341	2,551
Other	2,314	2,538	2,853	3,110	3,363
Water Transportation ^a	1,747	1,831	1,907	1,963	2,031
Capital	878	919	938	939	989
Other	869	913	969	1,024	1,041
Water Resources ^a	3,320	4,665	5,169	5,706	5,749
Capital	1,165	1,272	1,483	1,789	1,642
Other	2,155	3,393	3,686	3,917	4,107
Water Supply	16,092	16,478	17,888	19,079	20,459
Capital	6,014	5,853	6,245	6,588	7,251
Other	10,078	10,625	11,642	12,491	13,208
Wastewater Treatment	12,301	13,842	14,871	16,123	17,439
Capital	4,627	5,646	5,861	6,015	6,597
Other	7,674	8,195	9,010	10,107	10,842

SOURCE: Congressional Budget Office.

NOTE: n.a. = not available.

a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.

b. Transition quarter.

TABLE A-6. TOTAL STATE AND LOCAL SPENDING FOR INFRASTRUCTURE,
1956-1991 (In millions of nominal dollars)

	1956	1957	1958	1959
All Categories	10,200	11,373	12,358	13,732
Capital	6,321	7,048	7,769	8,813
Other	3,880	4,325	4,589	4,919
Highways	6,952	7,816	8,567	9,592
Capital	4,654	5,211	5,761	6,641
Other	2,298	2,605	2,806	2,951
Mass Transit	580	596	628	647
Capital	109	120	134	102
Other	471	476	494	545
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	171	232	275	308
Capital	119	168	254	230
Other	52	64	21	78
Water Transportation ^a	200	187	219	241
Capital	106	107	138	153
Other	94	80	81	88
Water Resources ^a	135	200	264	333
Capital	32	50	72	101
Other	104	150	192	232
Water Supply	1,327	1,436	1,472	1,600
Capital	712	748	761	878
Other	615	688	711	722
Wastewater Treatment	835	906	933	1,011
Capital	589	644	649	708
Other	246	262	284	303

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	13,627	14,412	15,044	16,281
Capital	8,455	8,864	9,354	10,087
Other	5,172	5,548	5,690	6,194
Highways	9,428	9,844	10,357	11,150
Capital	6,340	6,476	6,978	7,503
Other	3,088	3,368	3,379	3,647
Mass Transit	683	688	703	818
Capital	94	120	90	162
Other	589	568	613	656
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	342	422	373	359
Capital	243	314	253	223
Other	99	108	120	136
Water Transportation ^a	237	293	292	287
Capital	136	193	185	192
Other	101	100	107	95
Water Resources ^a	153	170	195	271
Capital	32	45	49	83
Other	121	125	146	188
Water Supply	1,681	1,892	1,852	1,932
Capital	843	990	913	905
Other	838	902	939	1,027
Wastewater Treatment	1,103	1,103	1,272	1,464
Capital	767	726	886	1,019
Other	336	377	386	445

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	17,027	18,011	19,173	20,478
Capital	10,671	11,307	11,851	12,606
Other	6,357	6,704	7,321	7,872
Highways	11,664	12,221	12,770	13,933
Capital	7,959	8,324	8,598	9,444
Other	3,705	3,897	4,172	4,489
Mass Transit	872	1,042	1,024	1,194
Capital	155	242	216	324
Other	717	800	808	870
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	359	415	425	465
Capital	218	261	257	288
Other	141	154	168	177
Water Transportation*	291	276	318	319
Capital	173	159	193	184
Other	118	117	125	135
Water Resources*	325	263	518	646
Capital	123	76	174	242
Other	203	187	343	404
Water Supply	2,001	2,227	2,411	2,286
Capital	948	1,138	1,211	1,055
Other	1,053	1,089	1,200	1,231
Wastewater Treatment	1,515	1,567	1,707	1,635
Capital	1,095	1,107	1,202	1,069
Other	420	460	505	566

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	21,652	23,384	25,064	27,831
Capital	13,184	14,230	14,841	16,544
Other	8,468	9,154	10,222	11,287
Highways	14,483	15,418	16,427	18,095
Capital	9,716	10,273	10,762	11,888
Other	4,767	5,145	5,665	6,207
Mass Transit	1,451	1,627	1,619	1,870
Capital	443	559	366	446
Other	1,008	1,068	1,253	1,424
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	514	722	969	1,061
Capital	326	486	691	734
Other	188	236	278	327
Water Transportation*	406	461	444	504
Capital	264	292	258	303
Other	142	169	186	201
Water Resources*	649	596	617	648
Capital	231	188	178	182
Other	418	408	438	466
Water Supply	2,417	2,665	2,821	3,007
Capital	1,097	1,225	1,201	1,247
Other	1,320	1,440	1,620	1,760
Wastewater Treatment	1,732	1,895	2,167	2,646
Capital	1,107	1,207	1,385	1,744
Other	625	688	782	902

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	30,129	31,023	33,621	39,424
Capital	17,763	17,727	18,799	22,158
Other	12,367	13,295	14,822	17,266
Highways	19,021	18,615	19,948	22,528
Capital	12,340	11,459	12,154	13,646
Other	6,681	7,156	7,794	8,882
Mass Transit	2,142	2,689	2,960	3,761
Capital	495	920	926	1,203
Other	1,647	1,769	2,034	2,558
Rail	0	0	23	169
Capital	0	0	23	169
Other	0	0	0	0
Aviation	1,277	1,419	1,301	1,449
Capital	906	1,011	812	852
Other	371	408	489	597
Water Transportation^a	524	601	625	741
Capital	305	347	350	419
Other	219	254	275	322
Water Resources^a	628	540	601	717
Capital	157	127	151	189
Other	472	412	450	528
Water Supply	3,278	3,555	4,083	4,797
Capital	1,358	1,435	1,743	2,111
Other	1,920	2,120	2,340	2,686
Wastewater Treatment	3,259	3,604	4,080	5,262
Capital	2,202	2,428	2,640	3,569
Other	1,057	1,176	1,440	1,693

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	42,666	11,000	44,620	48,460
Capital	23,427	5,529	22,113	23,326
Other	19,239	5,471	22,508	25,134
Highways	23,907	5,764	23,445	25,567
Capital	14,209	3,139	12,640	13,565
Other	9,698	2,626	10,805	12,002
Mass Transit	4,212	1,337	5,351	5,563
Capital	1,339	420	1,613	1,460
Other	2,873	917	3,738	4,103
Rail	379	5	30	-4
Capital	379	5	29	-5
Other	c	c	c	c
Aviation	1,501	337	1,414	1,689
Capital	802	150	644	824
Other	699	187	771	864
Water Transportation ^a	705	190	757	827
Capital	350	88	342	378
Other	355	102	415	449
Water Resources ^a	805	206	839	940
Capital	185	52	188	143
Other	620	155	651	797
Water Supply	5,220	1,399	5,711	6,323
Capital	2,208	512	2,071	2,281
Other	3,012	887	3,640	4,042
Wastewater Treatment	5,937	1,763	7,074	7,556
Capital	3,955	1,165	4,587	4,679
Other	1,982	598	2,488	2,877

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	56,989	65,683	70,967	73,701
Capital	28,704	33,669	34,888	33,925
Other	28,285	32,014	36,079	39,776
Highways	29,659	33,634	34,582	35,053
Capital	16,459	19,183	19,045	18,290
Other	13,200	14,451	15,537	16,763
Mass Transit	6,479	7,846	9,707	11,234
Capital	1,694	2,095	2,731	3,208
Other	4,785	5,751	6,976	8,026
Rail	66	143	73	93
Capital	65	141	70	67
Other	1	2	3	26
Aviation	2,055	2,561	2,773	2,901
Capital	1,072	1,403	1,422	1,382
Other	982	1,158	1,351	1,519
Water Transportation*	1,076	1,253	1,475	1,394
Capital	575	687	833	703
Other	501	567	642	692
Water Resources*	1,200	1,530	1,702	1,773
Capital	198	281	363	659
Other	1,002	1,249	1,339	1,113
Water Supply	7,386	8,515	9,613	10,339
Capital	2,860	3,447	3,760	3,722
Other	4,526	5,068	5,853	6,617
Wastewater Treatment	9,070	10,200	11,042	10,914
Capital	5,782	6,432	6,664	5,893
Other	3,287	3,768	4,378	5,021

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	78,890	84,213	93,296	102,061
Capital	35,271	37,831	42,789	47,473
Other	43,620	46,383	50,507	54,588
Highways	37,346	40,811	46,084	50,076
Capital	19,038	21,176	24,627	27,170
Other	18,308	19,635	21,457	22,906
Mass Transit	12,510	13,197	13,799	14,653
Capital	3,679	3,863	3,830	3,904
Other	8,831	9,334	9,969	10,749
Rail	187	100	53	29
Capital	51	98	52	27
Other	136	2	1	2
Aviation	3,156	3,624	3,872	4,412
Capital	1,509	1,829	1,952	2,290
Other	1,647	1,795	1,920	2,122
Water Transportation*	1,426	1,370	1,551	1,730
Capital	684	618	765	900
Other	742	752	786	830
Water Resources*	2,012	2,119	2,551	2,805
Capital	814	898	1,100	1,155
Other	1,198	1,221	1,451	1,650
Water Supply	10,946	11,308	12,919	14,660
Capital	3,725	3,618	4,403	5,355
Other	7,221	7,689	8,516	9,305
Wastewater Treatment	11,308	11,683	12,466	13,696
Capital	5,771	5,729	6,060	6,672
Other	5,538	5,954	6,407	7,024

(Continued)

TABLE A-6. TOTAL STATE AND LOCAL SPENDING (In millions of nominal dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	110,189	117,858	124,606	133,196	142,483
Capital	51,706	55,740	58,199	62,004	66,447
Other	58,484	62,118	66,407	71,192	76,036
Highways	53,055	56,239	58,835	62,028	65,867
Capital	29,104	31,915	33,033	34,502	36,903
Other	23,951	24,324	25,802	27,525	28,963
Mass Transit	15,514	16,204	17,099	18,480	20,287
Capital	4,095	4,106	4,683	5,491	5,817
Other	11,419	12,098	12,416	12,989	14,470
Rail	26	23	17	2	8
Capital	24	21	14	c	3
Other	2	2	2	2	5
Aviation	4,995	5,451	5,935	6,671	7,455
Capital	2,681	2,914	3,082	3,561	4,092
Other	2,314	2,538	2,853	3,110	3,363
Water Transportation ^a	1,768	1,862	1,935	1,989	2,066
Capital	878	919	938	939	989
Other	891	943	996	1,050	1,076
Water Resources ^a	3,497	4,816	5,291	5,856	5,888
Capital	1,342	1,423	1,605	1,938	1,781
Other	2,155	3,393	3,686	3,917	4,107
Water Supply	16,106	16,757	18,140 ^b	19,520	20,866
Capital	6,028	6,132	6,497	7,029	7,658
Other	10,078	10,625	11,642	12,491	13,208
Wastewater Treatment	15,228	16,506	17,356	18,650	20,048
Capital	7,555	8,311	8,346	8,543	9,206
Other	7,674	8,195	9,010	10,107	10,842

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.

TABLE A-7. INFRASTRUCTURE SPENDING BY FEDERAL, STATE, AND LOCAL GOVERNMENTS, 1956-1991 (In millions of 1990 dollars)

	1956	1957	1958	1959
All Categories	66,892	71,836	73,967	78,022
Capital	32,318	34,462	37,778	40,941
Other	34,574	37,374	36,188	37,081
Highways	39,465	42,851	44,831	46,564
Capital	21,954	23,366	25,309	27,990
Other	17,511	19,485	19,522	18,575
Mass Transit	4,038	4,049	4,014	3,843
Capital	514	538	589	430
Other	3,524	3,511	3,426	3,413
Rail	51	70	84	71
Capital	0	0	0	0
Other	51	70	84	71
Aviation	2,026	2,487	2,848	3,751
Capital	605	854	1,331	1,386
Other	1,421	1,633	1,517	2,365
Water Transportation*	3,944	3,326	3,364	3,555
Capital	660	752	1,062	862
Other	3,283	2,575	2,302	2,693
Water Resources*	4,789	5,804	5,731	7,136
Capital	2,447	2,710	3,293	3,590
Other	2,342	3,093	2,437	3,546
Water Supply	7,960	8,429	8,274	8,222
Capital	3,359	3,354	3,343	3,700
Other	4,602	5,075	4,930	4,521
Wastewater Treatment	4,619	4,820	4,821	4,881
Capital	2,778	2,888	2,851	2,984
Other	1,841	1,933	1,969	1,897

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	76,534	81,329	82,446	85,192
Capital	39,105	41,611	42,766	44,043
Other	37,429	39,719	39,680	41,149
Highways	44,965	46,815	47,848	49,243
Capital	26,426	26,992	28,120	29,006
Other	18,540	19,823	19,728	20,237
Mass Transit	3,896	3,823	3,902	4,230
Capital	392	500	362	625
Other	3,504	3,323	3,540	3,605
Rail	54	55	133	58
Capital	0	0	0	0
Other	54	55	133	58
Aviation	4,184	5,194	5,415	5,365
Capital	1,447	1,894	1,619	1,333
Other	2,737	3,300	3,797	4,033
Water Transportation*	3,800	4,235	4,291	4,280
Capital	785	1,203	1,414	1,274
Other	3,015	3,033	2,877	3,006
Water Resources*	5,941	6,572	5,982	6,529
Capital	3,345	3,869	4,021	4,384
Other	2,596	2,703	1,961	2,145
Water Supply	8,499	9,403	9,086	9,117
Capital	3,514	4,126	3,670	3,491
Other	4,985	5,277	5,417	5,627
Wastewater Treatment	5,196	5,231	5,788	6,369
Capital	3,197	3,026	3,561	3,931
Other	1,999	2,206	2,227	2,438

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	86,861	90,444	93,027	95,769
Capital	46,135	47,997	49,439	50,055
Other	40,726	42,447	43,588	45,714
Highways	50,492	51,999	52,662	55,359
Capital	30,708	31,738	32,168	33,761
Other	19,783	20,260	20,494	21,597
Mass Transit	4,383	5,025	4,777	5,335
Capital	597	921	807	1,157
Other	3,786	4,104	3,970	4,179
Rail	72	135	117	175
Capital	0	0	0	0
Other	72	135	117	175
Aviation	5,336	5,710	5,710	6,026
Capital	1,206	1,282	1,182	1,235
Other	4,129	4,429	4,528	4,792
Water Transportation*	4,183	4,352	4,239	4,351
Capital	1,154	1,109	1,247	1,232
Other	3,029	3,243	2,992	3,119
Water Resources*	6,759	6,737	8,181	8,339
Capital	4,600	4,404	5,027	5,089
Other	2,159	2,333	3,155	3,250
Water Supply	9,205	9,914	10,386	9,659
Capital	3,651	4,331	4,522	3,766
Other	5,553	5,583	5,864	5,893
Wastewater Treatment	6,433	6,571	6,956	6,525
Capital	4,218	4,213	4,488	3,816
Other	2,215	2,358	2,468	2,709

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	97,161	99,230	99,959	105,999
Capital	50,389	51,725	50,662	54,361
Other	46,772	47,505	49,297	51,638
Highways	55,653	56,626	56,885	59,101
Capital	33,714	34,439	34,176	36,006
Other	21,938	22,186	22,709	23,095
Mass Transit	6,109	6,416	6,097	6,605
Capital	1,535	1,871	1,161	1,349
Other	4,574	4,545	4,937	5,256
Rail	113	109	107	392
Capital	0	0	0	0
Other	113	109	107	392
Aviation	6,044	6,768	7,901	9,054
Capital	1,321	1,881	2,520	2,675
Other	4,723	4,887	5,381	6,379
Water Transportation*	4,794	4,819	4,613	4,914
Capital	1,596	1,561	1,304	1,470
Other	3,198	3,258	3,308	3,444
Water Resources*	8,003	7,342	6,716	7,195
Capital	4,585	3,833	3,301	3,815
Other	3,418	3,509	3,415	3,379
Water Supply	9,780	10,197	10,174	10,180
Capital	3,801	4,100	3,808	3,772
Other	5,979	6,098	6,366	6,408
Wastewater Treatment	6,666	6,953	7,465	8,559
Capital	3,836	4,040	4,392	5,275
Other	2,831	2,913	3,073	3,284

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	106,939	104,430	102,737	106,136
Capital	56,495	54,103	51,455	50,707
Other	50,444	50,327	51,282	55,429
Highways	58,401	53,551	52,342	51,574
Capital	35,978	31,645	30,113	28,391
Other	22,423	21,905	22,229	23,183
Mass Transit	6,996	8,185	8,140	9,555
Capital	1,440	2,532	2,284	2,491
Other	5,556	5,653	5,856	7,064
Rail	450	514	619	2,084
Capital	0	0	117	424
Other	450	514	503	1,660
Aviation	9,118	9,296	8,416	8,034
Capital	3,261	3,675	2,562	2,266
Other	5,857	5,621	5,854	5,768
Water Transportation*	4,771	5,022	4,976	4,880
Capital	1,469	1,697	1,695	1,568
Other	3,302	3,325	3,281	3,312
Water Resources*	7,087	7,339	6,894	7,105
Capital	3,988	3,922	3,876	3,807
Other	3,100	3,416	3,018	3,297
Water Supply	10,244	10,312	10,825	11,206
Capital	3,951	3,949	4,299	4,371
Other	6,293	6,363	6,526	6,835
Wastewater Treatment	9,871	10,211	10,527	11,698
Capital	6,407	6,682	6,511	7,389
Other	3,464	3,529	4,016	4,308

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	107,309	27,435	107,550	107,989
Capital	51,214	12,155	48,229	46,372
Other	56,094	15,280	59,320	61,617
Highways	51,355	12,347	47,246	47,750
Capital	28,275	6,183	23,971	23,543
Other	23,080	6,164	23,275	24,207
Mass Transit	9,451	2,923	11,157	10,721
Capital	2,653	823	3,043	2,519
Other	6,798	2,100	8,114	8,201
Rail	3,008	435	3,598	3,465
Capital	1,114	52	1,699	1,447
Other	1,894	384	1,899	2,017
Aviation	7,972	1,861	7,645	8,054
Capital	2,024	395	1,624	1,846
Other	5,948	1,467	6,022	6,208
Water Transportation^a	4,720	1,254	4,893	4,781
Capital	1,276	310	1,247	1,272
Other	3,444	944	3,646	3,509
Water Resources^a	6,997	1,960	7,452	7,548
Capital	3,660	1,109	4,084	3,731
Other	3,337	851	3,368	3,817
Water Supply	11,368	3,016	11,627	11,915
Capital	4,375	1,002	3,907	3,937
Other	6,993	2,014	7,720	7,979
Wastewater Treatment	12,438	3,639	13,931	13,755
Capital	7,837	2,281	8,655	8,076
Other	4,601	1,358	5,276	5,678

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	113,798	117,154	118,112	113,728
Capital	49,838	51,260	48,228	45,605
Other	63,960	65,894	69,884	68,124
Highways	49,909	50,626	48,297	46,743
Capital	25,117	25,866	23,948	22,373
Other	24,792	24,760	24,349	24,370
Mass Transit	11,469	12,588	14,275	15,496
Capital	2,573	2,813	3,421	3,914
Other	8,895	9,775	10,855	11,582
Rail	3,366	3,495	5,138	2,772
Capital	1,804	1,656	565	609
Other	1,561	1,839	4,573	2,163
Aviation	8,232	8,718	8,495	8,016
Capital	2,013	2,304	2,205	2,105
Other	6,219	6,414	6,291	5,911
Water Transportation*	5,128	5,274	5,299	5,322
Capital	1,456	1,601	1,614	1,422
Other	3,672	3,673	3,685	3,900
Water Resources*	8,181	8,360	7,806	7,011
Capital	3,745	3,754	3,419	3,450
Other	4,435	4,606	4,388	3,562
Water Supply	12,677	13,134	13,718	14,000
Capital	4,345	4,629	4,710	4,542
Other	8,332	8,505	9,008	9,459
Wastewater Treatment	14,837	14,960	15,085	14,368
Capital	8,785	8,637	8,347	7,191
Other	6,052	6,323	6,737	7,178

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	115,716	119,441	124,821	131,979
Capital	46,448	48,459	52,470	57,461
Other	69,268	70,981	72,351	74,518
Highways	48,085	50,589	54,507	57,386
Capital	22,993	25,011	27,869	29,977
Other	25,092	25,578	26,637	27,409
Mass Transit	16,426	16,630	16,622	17,067
Capital	4,434	4,557	4,333	4,306
Other	11,993	12,073	12,289	12,762
Rail	1,641	1,915	1,236	1,028
Capital	489	490	371	149
Other	1,152	1,424	865	879
Aviation	8,411	9,124	9,350	10,049
Capital	2,250	2,554	2,761	3,412
Other	6,161	6,570	6,589	6,637
Water Transportation*	5,444	5,413	5,520	6,389
Capital	1,522	1,337	1,690	2,807
Other	3,922	4,077	3,830	3,582
Water Resources*	7,030	7,213	7,446	7,485
Capital	3,318	3,482	3,609	3,546
Other	3,712	3,731	3,837	3,939
Water Supply	14,244	14,148	15,427	16,910
Capital	4,489	4,269	4,982	5,906
Other	9,755	9,879	10,445	11,004
Wastewater Treatment	14,435	14,409	14,714	15,664
Capital	6,954	6,759	6,855	7,359
Other	7,481	7,650	7,858	8,306

(Continued)

TABLE A-7. TOTAL PUBLIC SPENDING (In millions of 1990 dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	137,046	140,611	142,676	147,594	152,919
Capital	60,730	63,024	63,355	66,292	69,895
Other	76,316	77,587	79,321	81,302	83,024
Highways	59,386	60,504	60,906	62,437	64,450
Capital	31,774	33,690	33,739	34,532	36,298
Other	27,612	26,815	27,167	27,904	28,152
Mass Transit	17,492	17,591	17,771	18,522	19,638
Capital	4,467	4,333	4,781	5,491	5,713
Other	13,025	13,259	12,990	13,031	13,925
Rail	919	662	653	558	776
Capital	159	0	-6	-48	227
Other	760	662	660	606	549
Aviation	10,650	11,390	11,855	12,685	13,621
Capital	3,916	4,290	4,300	4,913	5,564
Other	6,735	7,099	7,555	7,772	8,057
Water Transportation ^a	5,771	5,383	5,025	5,114	4,970
Capital	1,862	1,424	1,087	1,210	1,236
Other	3,909	3,959	3,938	3,904	3,734
Water Resources ^a	7,845	9,368	9,780	10,107	9,820
Capital	3,734	4,047	4,300	4,622	4,295
Other	4,111	5,321	5,481	5,485	5,525
Water Supply	18,024	18,028	18,771	19,520	20,197
Capital	6,576	6,471	6,633	7,029	7,521
Other	11,448	11,558	12,137	12,491	12,676
Wastewater Treatment	16,959	17,684	17,914	18,650	19,446
Capital	8,242	8,770	8,521	8,543	9,041
Other	8,717	8,915	9,394	10,107	10,405

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
b. Transition quarter.

TABLE A-8. TOTAL FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of 1990 dollars)

	1956	1957	1958	1959	1960	1961
All Categories	11,638	12,787	15,052	21,605	23,359	23,472
Capital	6,090	7,280	10,633	15,249	16,608	16,133
Other	5,548	5,506	4,419	6,356	6,751	7,339
Highways	3,755	4,559	6,750	11,132	12,456	11,072
Capital	3,438	4,260	6,638	10,962	12,200	10,878
Other	316	299	112	170	256	193
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	51	70	84	71	54	55
Capital	0	0	0	0	0	0
Other	51	70	84	71	54	55
Aviation	1,156	1,354	1,775	2,532	2,820	3,524
Capital	124	193	404	655	672	856
Other	1,032	1,161	1,371	1,877	2,148	2,668
Water Transportation*	2,742	2,259	2,199	2,361	2,635	2,849
Capital	160	272	456	217	218	398
Other	2,582	1,987	1,743	2,144	2,417	2,451
Water Resources*	3,934	4,534	4,158	5,356	5,226	5,789
Capital	2,368	2,544	3,049	3,261	3,350	3,816
Other	1,567	1,989	1,109	2,095	1,876	1,972
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	11	85	153	168	184
Capital	0	11	85	153	168	184
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	23,799	24,756	27,094	29,229	28,907	28,619
Capital	16,856	17,365	19,746	20,983	20,869	20,276
Other	6,943	7,391	7,349	8,246	8,038	8,343
Highways	11,518	12,003	14,359	15,658	15,136	14,594
Capital	11,203	11,668	14,019	15,276	14,921	14,272
Other	316	336	340	383	215	322
Mass Transit	5	20	24	45	81	164
Capital	c	8	19	42	60	150
Other	4	11	5	3	22	14
Rail	133	58	72	135	117	175
Capital	0	0	0	0	0	0
Other	133	58	72	135	117	175
Aviation	3,939	3,959	4,004	4,196	4,131	4,380
Capital	834	671	618	557	424	436
Other	3,105	3,288	3,386	3,639	3,707	3,944
Water Transportation^a	2,933	3,021	2,902	3,151	2,909	3,049
Capital	670	534	488	504	526	575
Other	2,263	2,488	2,414	2,647	2,383	2,474
Water Resources^a	5,101	5,495	5,479	5,778	6,228	5,895
Capital	3,979	4,284	4,346	4,338	4,633	4,482
Other	1,122	1,211	1,133	1,439	1,595	1,413
Water Supply	0	0	0	0	c	45
Capital	0	0	0	0	c	45
Other	0	0	0	0	0	0
Wastewater Treatment	169	200	256	265	304	317
Capital	169	200	256	265	304	317
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	29,206	28,737	28,694	32,044	31,530	32,974
Capital	20,433	19,738	19,145	21,105	21,276	22,195
Other	8,773	8,999	9,549	10,939	10,254	10,779
Highways	15,004	14,424	14,508	14,820	14,338	13,795
Capital	14,387	13,850	13,731	13,971	13,510	13,063
Other	617	574	777	849	828	732
Mass Transit	242	499	395	648	924	1,355
Capital	229	472	377	566	754	985
Other	13	27	18	83	171	370
Rail	113	109	107	392	450	514
Capital	0	0	0	0	0	0
Other	113	109	107	392	450	514
Aviation	4,321	4,489	4,881	5,829	5,573	5,928
Capital	450	602	593	641	932	1,532
Other	3,871	3,887	4,288	5,188	4,641	4,396
Water Transportation*	3,238	3,127	3,065	3,268	3,175	3,319
Capital	681	583	486	553	581	742
Other	2,556	2,544	2,579	2,714	2,594	2,577
Water Resources*	5,610	5,276	4,752	5,197	5,374	6,030
Capital	4,007	3,418	2,972	3,484	3,804	3,841
Other	1,603	1,858	1,780	1,713	1,570	2,189
Water Supply	192	272	320	332	370	96
Capital	192	272	320	332	370	96
Other	0	0	0	0	0	0
Wastewater Treatment	487	541	666	1,558	1,326	1,935
Capital	487	541	666	1,558	1,326	1,935
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	33,046	33,855	39,420	10,426	42,345	40,450
Capital	22,659	22,053	26,542	7,332	29,167	26,577
Other	10,387	11,802	12,878	3,095	13,178	13,873
Highways	11,916	10,582	13,378	3,561	12,113	11,109
Capital	11,050	9,715	12,517	3,271	11,452	10,256
Other	866	867	860	290	661	853
Mass Transit	1,468	2,343	3,131	685	3,922	3,953
Capital	1,240	1,789	1,875	519	2,466	2,344
Other	228	554	1,256	166	1,456	1,610
Rail	619	2,084	3,008	435	3,598	3,465
Capital	117	424	1,114	52	1,699	1,447
Other	503	1,660	1,894	384	1,899	2,017
Aviation	5,649	5,355	5,292	1,193	5,428	5,896
Capital	1,159	1,106	967	151	1,041	1,394
Other	4,490	4,249	4,325	1,042	4,387	4,502
Water Transportation ^a	3,358	3,206	3,214	853	3,382	3,255
Capital	831	701	582	139	602	620
Other	2,526	2,505	2,632	714	2,780	2,635
Water Resources ^a	5,547	5,602	5,457	1,572	6,016	6,037
Capital	3,773	3,636	3,546	1,073	4,022	3,780
Other	1,774	1,966	1,911	500	1,994	2,257
Water Supply	427	436	734	213	796	803
Capital	427	436	734	213	796	803
Other	0	0	0	0	0	0
Wastewater Treatment	4,061	4,246	5,207	1,915	7,089	5,932
Capital	4,061	4,246	5,207	1,915	7,089	5,932
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	41,528	43,898	42,648	36,901	35,229	37,381
Capital	27,775	29,320	25,947	23,554	23,266	24,968
Other	13,753	14,578	16,701	13,347	11,964	12,413
Highways	11,652	13,098	12,043	10,173	11,124	12,794
Capital	10,773	12,201	11,182	9,518	10,581	12,250
Other	878	897	861	655	543	544
Mass Transit	4,128	4,858	5,269	5,067	4,666	4,569
Capital	2,583	2,737	3,248	3,158	3,353	3,673
Other	1,545	2,122	2,021	1,908	1,314	896
Rail	3,366	3,495	5,138	2,772	1,641	1,915
Capital	1,804	1,656	565	609	489	490
Other	1,561	1,839	4,573	2,163	1,152	1,424
Aviation	5,640	5,684	5,222	4,571	4,913	5,478
Capital	1,229	1,213	1,011	831	977	1,215
Other	4,411	4,470	4,211	3,739	3,936	4,264
Water Transportation*	3,342	3,406	3,267	3,476	3,625	3,732
Capital	582	679	570	565	698	607
Other	2,760	2,727	2,697	2,911	2,926	3,124
Water Resources*	6,267	6,019	5,425	4,837	4,632	4,818
Capital	3,670	3,496	3,087	2,866	2,538	2,656
Other	2,597	2,523	2,338	1,971	2,094	2,162
Water Supply	927	979	924	925	672	638
Capital	927	979	924	925	672	638
Other	0	0	0	0	0	0
Wastewater Treatment	6,206	6,359	5,359	5,081	3,956	3,438
Capital	6,206	6,359	5,359	5,081	3,956	3,438
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	38,438	39,967	36,037	36,525	35,541	36,727
Capital	26,659	29,031	25,076	25,340	24,238	25,732
Other	11,778	10,936	10,961	11,185	11,303	10,995
Highways	14,859	15,927	14,165	15,046	14,031	14,584
Capital	14,349	15,404	13,565	14,461	13,501	13,993
Other	510	523	600	585	530	590
Mass Transit	3,970	3,800	3,693	3,530	3,689	3,830
Capital	2,738	3,010	2,783	2,528	2,722	3,142
Other	1,232	791	910	1,002	966	688
Rail	1,236	1,028	919	662	653	558
Capital	371	149	159	0	-6	-48
Other	865	879	760	662	660	606
Aviation	5,679	5,956	6,097	6,426	6,893	7,234
Capital	1,445	1,828	1,992	2,087	2,311	2,572
Other	4,234	4,127	4,106	4,339	4,581	4,661
Water Transportation*	3,705	4,441	3,826	3,420	3,057	3,151
Capital	824	1,814	905	455	129	271
Other	2,881	2,627	2,922	2,966	2,928	2,880
Water Resources*	4,672	4,500	4,126	4,335	4,423	4,401
Capital	2,615	2,512	2,463	2,705	2,785	2,833
Other	2,057	1,988	1,664	1,630	1,638	1,568
Water Supply	674	573	15	294	257	441
Capital	674	573	15	294	257	441
Other	0	0	0	0	0	0
Wastewater Treatment	3,643	3,741	3,194	2,812	2,537	2,528
Capital	3,643	3,741	3,194	2,812	2,537	2,528
Other	0	0	0	0	0	0

(Continued)

TABLE A-8. TOTAL FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^d
All Categories	37,297	39,859	39,998	41,444	42,247
Capital	26,368	27,714	28,402	28,898	29,718
Other	10,929	12,145	11,596	12,546	12,529
Highways	14,580	15,550	16,293	18,047	18,194
Capital	14,013	14,895	15,655	17,266	17,365
Other	567	655	638	781	829
Mass Transit	3,826	3,575	3,393	3,441	3,454
Capital	3,161	2,729	2,954	2,382	2,537
Other	665	846	439	1,059	917
Rail	776	881	773	768	996
Capital	227	362	261	294	463
Other	549	520	512	474	533
Aviation	7,888	8,817	9,329	9,131	8,859
Capital	3,059	3,711	4,224	4,087	3,961
Other	4,829	5,106	5,105	5,044	4,898
Water Transportation^a	2,999	3,250	3,120	3,241	3,238
Capital	264	354	339	401	308
Other	2,735	2,896	2,782	2,840	2,930
Water Resources^a	4,266	4,782	4,480	4,490	4,993
Capital	2,682	2,662	2,359	2,142	2,571
Other	1,583	2,121	2,120	2,348	2,422
Water Supply	400	397	359	308	320
Capital	400	397	359	308	320
Other	0	0	0	0	0
Wastewater Treatment	2,562	2,605	2,251	2,019	2,194
Capital	2,562	2,605	2,251	2,019	2,194
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.
- d. Values for 1995 are estimated.

TABLE A-9. DIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of 1990 dollars)

	1956	1957	1958	1959	1960	1961
All Categories	8,048	8,332	8,015	10,076	10,526	11,928
Capital	2,502	2,857	3,647	3,798	3,866	4,665
Other	5,546	5,475	4,368	6,279	6,660	7,263
Highways	316	270	63	95	169	120
Capital	0	0	0	0	0	0
Other	316	270	63	95	169	120
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	51	70	84	71	54	55
Capital	0	0	0	0	0	0
Other	51	70	84	71	54	55
Aviation	1,076	1,262	1,586	2,293	2,582	3,254
Capital	44	100	215	416	434	586
Other	1,032	1,161	1,371	1,877	2,148	2,668
Water Transportation*	2,740	2,257	2,196	2,359	2,632	2,846
Capital	160	272	456	217	218	398
Other	2,580	1,985	1,740	2,142	2,414	2,448
Water Resources*	3,865	4,474	4,084	5,259	5,090	5,654
Capital	2,298	2,485	2,976	3,165	3,214	3,681
Other	1,567	1,989	1,109	2,095	1,876	1,972
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	12,025	12,350	12,238	13,047	12,997	13,089
Capital	5,168	5,134	5,035	4,970	5,188	5,058
Other	6,856	7,217	7,203	8,077	7,809	8,031
Highways	309	321	297	343	170	160
Capital	73	65	53	62	65	51
Other	236	256	244	281	105	108
Mass Transit	4	11	5	3	22	14
Capital	0	0	0	0	0	0
Other	4	11	5	3	22	14
Rail	133	58	72	135	117	175
Capital	0	0	0	0	0	0
Other	133	58	72	135	117	175
Aviation	3,706	3,760	3,752	3,928	3,929	4,151
Capital	602	472	367	288	222	207
Other	3,105	3,288	3,386	3,639	3,707	3,944
Water Transportation*	2,930	3,019	2,894	3,147	2,907	3,048
Capital	670	534	488	504	526	575
Other	2,260	2,485	2,407	2,643	2,381	2,473
Water Resources*	4,941	5,181	5,218	5,491	5,852	5,542
Capital	3,823	4,063	4,128	4,117	4,375	4,225
Other	1,118	1,118	1,090	1,374	1,477	1,316
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	13,126	12,844	12,729	14,867	14,724	15,741
Capital	4,708	4,101	3,604	4,324	4,811	5,315
Other	8,418	8,743	9,125	10,543	9,913	10,425
Highways	396	458	499	546	598	538
Capital	49	58	52	49	73	109
Other	347	400	447	496	525	429
Mass Transit	8	23	13	72	158	344
Capital	0	0	0	0	0	0
Other	8	23	13	72	158	344
Rail	113	109	107	392	450	514
Capital	0	0	0	0	0	0
Other	113	109	107	392	450	514
Aviation	4,063	4,142	4,618	5,643	5,266	5,289
Capital	192	255	329	455	625	893
Other	3,871	3,887	4,288	5,188	4,641	4,396
Water Transportation*	3,236	3,126	3,064	3,266	3,166	3,305
Capital	681	583	486	553	581	742
Other	2,554	2,542	2,578	2,712	2,585	2,563
Water Resources*	5,310	4,986	4,429	4,949	5,086	5,750
Capital	3,786	3,205	2,736	3,266	3,532	3,572
Other	1,524	1,781	1,692	1,682	1,554	2,178
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	15,038	16,319	16,221	4,183	18,084	18,117
Capital	5,093	4,830	4,792	1,329	6,501	6,114
Other	9,946	11,489	11,429	2,854	11,583	12,003
Highways	631	717	684	238	476	647
Capital	139	137	119	38	118	130
Other	492	580	566	199	358	517
Mass Transit	183	554	128	18	186	102
Capital	0	0	0	0	0	0
Other	183	554	128	18	186	102
Rail	563	1,734	2,257	426	3,542	3,472
Capital	60	74	363	43	1,644	1,455
Other	503	1,660	1,893	383	1,898	2,017
Aviation	5,049	4,751	4,760	1,143	4,796	4,926
Capital	560	502	435	102	409	424
Other	4,490	4,249	4,325	1,042	4,387	4,502
Water Transportation ^a	3,346	3,194	3,202	851	3,367	3,243
Capital	831	701	582	139	602	620
Other	2,514	2,493	2,620	712	2,765	2,623
Water Resources ^a	5,266	5,369	5,190	1,508	5,716	5,728
Capital	3,503	3,416	3,293	1,008	3,728	3,484
Other	1,763	1,953	1,897	500	1,988	2,244
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	18,115	18,220	18,885	15,474	14,283	15,214
Capital	6,226	6,050	4,526	4,210	3,946	3,826
Other	11,889	12,170	14,359	11,264	10,336	11,388
Highways	602	616	529	463	409	378
Capital	111	107	91	55	52	27
Other	491	509	438	408	357	351
Mass Transit	86	123	119	109	62	80
Capital	0	0	0	0	0	0
Other	86	123	119	109	62	80
Rail	3,264	3,302	5,045	2,653	1,395	1,796
Capital	1,705	1,466	478	527	427	374
Other	1,559	1,836	4,567	2,126	968	1,422
Aviation	4,795	4,891	4,634	4,157	4,367	4,659
Capital	384	421	423	418	431	396
Other	4,411	4,470	4,211	3,739	3,936	4,264
Water Transportation*	3,333	3,401	3,267	3,476	3,618	3,718
Capital	582	679	570	565	698	607
Other	2,751	2,722	2,697	2,911	2,920	3,110
Water Resources*	6,035	5,886	5,291	4,616	4,431	4,584
Capital	3,445	3,377	2,964	2,645	2,338	2,422
Other	2,590	2,509	2,327	1,971	2,094	2,162
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	14,463	15,070	14,204	14,221	14,026	14,399
Capital	4,061	5,104	4,321	4,206	3,937	4,288
Other	10,401	9,965	9,884	10,015	10,089	10,110
Highways	327	334	429	367	282	409
Capital	8	12	22	13	15	30
Other	319	322	406	355	267	379
Mass Transit	62	51	54	98	46	42
Capital	0	0	0	0	0	0
Other	62	51	54	98	46	42
Rail	1,176	996	891	638	636	557
Capital	313	119	133	0	-21	-48
Other	863	877	757	660	657	605
Aviation	4,787	5,015	5,097	5,555	5,735	6,014
Capital	553	887	991	1,216	1,153	1,352
Other	4,234	4,127	4,106	4,339	4,581	4,661
Water Transportation*	3,690	4,414	3,802	3,387	3,029	3,125
Capital	824	1,814	905	455	129	271
Other	2,867	2,600	2,897	2,933	2,899	2,854
Water Resources*	4,421	4,260	3,933	4,176	4,299	4,251
Capital	2,364	2,272	2,269	2,546	2,661	2,683
Other	2,057	1,988	1,664	1,630	1,638	1,568
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0

(Continued)

TABLE A-9. DIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^c
All Categories	14,685	16,124	15,754	16,834	16,705
Capital	4,633	5,015	5,201	5,221	5,396
Other	10,052	11,109	10,553	11,613	11,309
Highways	409	499	454	570	610
Capital	53	43	26	17	27
Other	356	457	427	553	583
Mass Transit	38	44	-357	426	56
Capital	0	0	0	0	0
Other	38	44	-357	426	56
Rail	769	867	755	742	969
Capital	225	348	243	267	436
Other	544	520	512	474	533
Aviation	6,375	7,166	7,463	7,613	7,221
Capital	1,545	2,059	2,358	2,570	2,323
Other	4,829	5,106	5,105	5,044	4,898
Water Transportation ^a	2,966	2,877	3,086	3,205	3,208
Capital	264	15	338	400	308
Other	2,702	2,862	2,748	2,805	2,901
Water Resources ^a	4,129	4,670	4,354	4,278	4,642
Capital	2,546	2,550	2,236	1,967	2,304
Other	1,583	2,120	2,118	2,311	2,338
Water Supply	0	0	0	0	0
Capital	0	0	0	0	0
Other	0	0	0	0	0
Wastewater Treatment	0	0	0	0	0
Capital	0	0	0	0	0
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
b. Transition quarter.
c. Values for 1995 are estimated.

TABLE A-10. INDIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1995
(In millions of 1990 dollars)

	1956	1957	1958	1959	1960	1961
All Categories	3,590	4,455	7,037	11,528	12,833	11,544
Capital	3,588	4,423	6,986	11,451	12,742	11,467
Other	2	32	51	77	90	77
Highways	3,438	4,289	6,687	11,037	12,287	10,952
Capital	3,438	4,260	6,638	10,962	12,200	10,878
Other	0	30	49	75	87	74
Mass Transit	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	80	93	189	239	238	270
Capital	80	93	189	239	238	270
Other	0	0	0	0	0	0
Water Transportation^a	2	2	3	2	3	3
Capital	0	0	0	0	0	0
Other	2	2	3	2	3	3
Water Resources^a	70	59	74	97	136	135
Capital	70	59	74	97	136	135
Other	0	0	0	0	0	0
Water Supply	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Wastewater Treatment	0	11	85	153	168	184
Capital	0	11	85	153	168	184
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	11,774	12,406	14,857	16,182	15,910	15,530
Capital	11,688	12,231	14,711	16,012	15,681	15,218
Other	86	175	145	170	229	312
Highways	11,209	11,682	14,062	15,315	14,966	14,434
Capital	11,130	11,603	13,966	15,214	14,857	14,221
Other	80	80	96	101	110	213
Mass Transit	c	8	19	42	60	150
Capital	c	8	19	42	60	150
Other	0	0	0	0	0	0
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	233	199	251	269	202	229
Capital	233	199	251	269	202	229
Other	0	0	0	0	0	0
Water Transportation^a	3	2	7	3	2	2
Capital	0	0	0	0	0	0
Other	3	2	7	3	2	2
Water Resources^a	160	315	261	287	376	353
Capital	156	222	218	222	258	256
Other	4	93	42	65	118	97
Water Supply	0	0	0	0	c	45
Capital	0	0	0	0	c	45
Other	0	0	0	0	0	0
Wastewater Treatment	169	200	256	265	304	317
Capital	169	200	256	265	304	317
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	16,080	15,893	15,966	17,177	16,806	17,233
Capital	15,725	15,637	15,541	16,782	16,465	16,879
Other	355	257	425	396	341	354
Highways	14,607	13,966	14,009	14,275	13,740	13,257
Capital	14,338	13,792	13,679	13,922	13,437	12,954
Other	269	174	330	353	303	303
Mass Transit	233	476	382	577	767	1,011
Capital	229	472	377	566	754	985
Other	5	4	5	11	13	26
Rail	0	0	0	0	0	0
Capital	0	0	0	0	0	0
Other	0	0	0	0	0	0
Aviation	259	347	264	186	307	639
Capital	259	347	264	186	307	639
Other	0	0	0	0	0	0
Water Transportation*	2	2	2	2	9	14
Capital	0	0	0	0	0	0
Other	2	2	2	2	9	14
Water Resources*	300	290	324	248	288	280
Capital	220	213	236	218	272	269
Other	80	77	88	30	16	10
Water Supply	192	272	320	332	370	96
Capital	192	272	320	332	370	96
Other	0	0	0	0	0	0
Wastewater Treatment	487	541	666	1,558	1,326	1,935
Capital	487	541	666	1,558	1,326	1,935
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	18,007	17,536	23,199	6,243	24,261	22,333
Capital	17,566	17,223	21,750	6,002	22,666	20,463
Other	442	313	1,449	241	1,595	1,870
Highways	11,285	9,865	12,693	3,323	11,637	10,462
Capital	10,910	9,578	12,399	3,233	11,334	10,126
Other	374	287	295	91	303	336
Mass Transit	1,285	1,789	3,003	667	3,737	3,851
Capital	1,240	1,789	1,875	519	2,466	2,344
Other	44	0	1,128	148	1,270	1,508
Rail	57	350	751	9	56	-7
Capital	57	350	751	9	55	-8
Other	0	c	c	c	1	1
Aviation	599	604	533	50	632	970
Capital	599	604	533	50	632	970
Other	0	0	0	0	0	0
Water Transportation ^a	12	13	12	2	15	12
Capital	0	0	0	0	0	0
Other	12	13	12	2	15	12
Water Resources ^a	281	233	267	64	300	310
Capital	270	220	253	64	294	296
Other	11	13	14	0	6	13
Water Supply	427	436	734	213	796	803
Capital	427	436	734	213	796	803
Other	0	0	0	0	0	0
Wastewater Treatment	4,061	4,246	5,207	1,915	7,089	5,932
Capital	4,061	4,246	5,207	1,915	7,089	5,932
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	23,412	25,678	23,763	21,427	20,946	22,167
Capital	21,549	23,270	21,421	19,344	19,319	21,141
Other	1,864	2,408	2,342	2,083	1,627	1,025
Highways	11,050	12,482	11,514	9,710	10,715	12,416
Capital	10,663	12,094	11,091	9,463	10,529	12,223
Other	387	388	423	247	186	193
Mass Transit	4,042	4,735	5,151	4,957	4,604	4,489
Capital	2,583	2,737	3,248	3,158	3,353	3,673
Other	1,459	1,998	1,903	1,799	1,251	816
Rail	101	193	93	119	245	119
Capital	99	190	87	82	62	116
Other	2	3	5	37	183	3
Aviation	845	793	588	413	546	819
Capital	845	793	588	413	546	819
Other	0	0	0	0	0	0
Water Transportation^a	9	4	c	0	7	14
Capital	0	0	0	0	0	0
Other	9	4	c	0	7	14
Water Resources^a	231	133	134	221	201	234
Capital	224	119	123	221	201	234
Other	7	14	11	0	0	0
Water Supply	927	979	924	925	672	638
Capital	927	979	924	925	672	638
Other	0	0	0	0	0	0
Wastewater Treatment	6,206	6,359	5,359	5,081	3,956	3,438
Capital	6,206	6,359	5,359	5,081	3,956	3,438
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	23,975	24,897	21,832	22,304	21,515	22,328
Capital	22,598	23,927	20,755	21,134	20,301	21,444
Other	1,377	970	1,078	1,170	1,214	885
Highways	14,532	15,593	13,737	14,679	13,749	14,174
Capital	14,341	15,392	13,542	14,448	13,486	13,963
Other	191	201	194	231	263	211
Mass Transit	3,909	3,749	3,639	3,432	3,643	3,788
Capital	2,738	3,010	2,783	2,528	2,722	3,142
Other	1,170	740	856	904	920	646
Rail	60	33	29	24	17	2
Capital	58	30	26	0	15	c
Other	1	3	3	2	3	2
Aviation	892	941	1,000	871	1,158	1,220
Capital	892	941	1,000	871	1,158	1,220
Other	0	0	0	0	0	0
Water Transportation ^a	15	27	25	33	28	26
Capital	0	0	0	0	0	0
Other	15	27	25	33	28	26
Water Resources ^a	251	240	194	159	125	150
Capital	251	240	194	159	125	150
Other	0	0	0	0	0	0
Water Supply	674	573	15	294	257	441
Capital	674	573	15	294	257	441
Other	0	0	0	0	0	0
Wastewater Treatment	3,643	3,741	3,194	2,812	2,537	2,528
Capital	3,643	3,741	3,194	2,812	2,537	2,528
Other	0	0	0	0	0	0

(Continued)

TABLE A-10. INDIRECT FEDERAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1991	1992	1993	1994	1995 ^d
All Categories	22,612	23,735	24,244	24,611	25,542
Capital	21,735	22,700	23,201	23,677	24,321
Other	878	1,036	1,043	933	1,220
Highways	14,171	15,051	15,839	17,478	17,584
Capital	13,960	14,852	15,629	17,249	17,338
Other	212	199	211	229	246
Mass Transit	3,789	3,531	3,751	3,015	3,398
Capital	3,161	2,729	2,954	2,382	2,537
Other	627	802	796	633	861
Rail	7	14	18	26	27
Capital	2	14	18	26	27
Other	5	0	0	0	0
Aviation	1,513	1,652	1,866	1,518	1,638
Capital	1,513	1,652	1,866	1,518	1,638
Other	0	0	0	0	0
Water Transportation ^a	34	373	34	35	30
Capital	0	340	c	c	c
Other	34	34	34	35	30
Water Resources ^a	136	112	126	212	351
Capital	136	111	124	175	267
Other	0	1	2	37	84
Water Supply	400	397	359	308	320
Capital	400	397	359	308	320
Other	0	0	0	0	0
Wastewater Treatment	2,562	2,605	2,251	2,019	2,194
Capital	2,562	2,605	2,251	2,019	2,194
Other	0	0	0	0	0

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.
- d. Values for 1995 are estimated.

TABLE A-11. STATE AND LOCAL SPENDING FOR INFRASTRUCTURE, NET OF FEDERAL GRANTS AND LOANS, 1956-1991 (In millions of 1990 dollars)

	1956	1957	1958	1959
All Categories	55,254	59,050	58,915	56,418
Capital	26,228	27,182	27,146	25,692
Other	29,026	31,868	31,769	30,725
Highways	35,710	38,292	38,081	35,432
Capital	18,516	19,107	18,671	17,027
Other	17,195	19,186	19,410	18,405
Mass Transit	4,038	4,049	4,014	3,843
Capital	514	538	589	430
Other	3,524	3,511	3,426	3,413
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	870	1,133	1,073	1,219
Capital	481	661	927	730
Other	389	472	146	488
Water Transportation*	1,201	1,068	1,165	1,194
Capital	500	480	606	645
Other	701	588	559	549
Water Resources*	854	1,270	1,573	1,780
Capital	79	166	244	329
Other	775	1,104	1,329	1,451
Water Supply	7,960	8,429	8,274	8,222
Capital	3,359	3,354	3,343	3,700
Other	4,602	5,075	4,930	4,521
Wastewater Treatment	4,619	4,809	4,735	4,728
Capital	2,778	2,877	2,766	2,831
Other	1,841	1,933	1,969	1,897

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	53,175	57,857	58,647	60,435
Capital	22,497	25,478	25,910	26,678
Other	30,678	32,379	32,737	33,757
Highways	32,509	35,743	36,329	37,240
Capital	14,226	16,113	16,918	17,339
Other	18,284	19,630	19,412	19,901
Mass Transit	3,896	3,823	3,897	4,211
Capital	392	500	361	617
Other	3,504	3,323	3,536	3,594
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,364	1,670	1,477	1,407
Capital	775	1,039	784	661
Other	589	632	692	745
Water Transportation ^a	1,165	1,387	1,358	1,259
Capital	567	804	744	741
Other	598	582	614	518
Water Resources ^a	715	783	881	1,033
Capital	-5	53	41	99
Other	720	730	840	934
Water Supply	8,499	9,403	9,086	9,117
Capital	3,514	4,126	3,670	3,491
Other	4,985	5,277	5,417	5,627
Wastewater Treatment	5,028	5,048	5,619	6,169
Capital	3,029	2,842	3,392	3,731
Other	1,999	2,206	2,227	2,438

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	59,766	61,215	64,120	67,151
Capital	26,389	27,015	28,570	29,779
Other	33,378	34,201	35,550	37,371
Highways	36,133	36,340	37,526	40,765
Capital	16,689	16,462	17,246	19,489
Other	19,444	19,878	20,279	21,276
Mass Transit	4,359	4,980	4,695	5,171
Capital	578	879	747	1,007
Other	3,781	4,101	3,949	4,165
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,332	1,514	1,579	1,646
Capital	588	725	758	799
Other	744	790	821	847
Water Transportation*	1,281	1,202	1,330	1,301
Capital	666	605	721	657
Other	615	597	609	644
Water Resources*	1,280	960	1,953	2,444
Capital	254	66	393	607
Other	1,026	894	1,560	1,837
Water Supply	9,205	9,914	10,386	9,614
Capital	3,651	4,331	4,521	3,721
Other	5,553	5,583	5,864	5,893
Wastewater Treatment	6,177	6,306	6,652	6,209
Capital	3,962	3,947	4,184	3,499
Other	2,215	2,358	2,468	2,709

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	67,955	70,493	71,264	73,955
Capital	29,956	31,987	31,517	33,256
Other	37,999	38,506	39,747	40,699
Highways	40,649	42,202	42,377	44,280
Capital	19,328	20,589	20,445	22,034
Other	21,321	21,613	21,932	22,246
Mass Transit	5,867	5,917	5,702	5,957
Capital	1,306	1,399	783	783
Other	4,561	4,518	4,919	5,174
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	1,722	2,279	3,020	3,225
Capital	871	1,280	1,927	2,034
Other	851	999	1,092	1,191
Water Transportation*	1,556	1,691	1,547	1,647
Capital	915	977	818	916
Other	641	714	729	730
Water Resources*	2,393	2,065	1,964	1,998
Capital	578	415	329	331
Other	1,815	1,651	1,635	1,667
Water Supply	9,588	9,926	9,855	9,847
Capital	3,609	3,828	3,488	3,439
Other	5,979	6,098	6,366	6,408
Wastewater Treatment	6,179	6,412	6,799	7,001
Capital	3,349	3,499	3,726	3,717
Other	2,831	2,913	3,073	3,284

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	75,409	71,456	69,692	72,281
Capital	35,219	31,908	28,797	28,654
Other	40,191	39,548	40,895	43,627
Highways	44,063	39,755	40,426	40,992
Capital	22,468	18,582	19,064	18,676
Other	21,594	21,173	21,362	22,317
Mass Transit	6,072	6,830	6,671	7,212
Capital	687	1,547	1,043	702
Other	5,385	5,283	5,628	6,510
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	3,545	3,367	2,767	2,679
Capital	2,329	2,143	1,403	1,160
Other	1,216	1,224	1,364	1,519
Water Transportation ^a	1,596	1,703	1,618	1,674
Capital	887	955	863	868
Other	709	748	755	807
Water Resources ^a	1,714	1,309	1,347	1,502
Capital	184	82	103	172
Other	1,530	1,227	1,244	1,331
Water Supply	9,874	10,216	10,397	10,770
Capital	3,582	3,853	3,871	3,935
Other	6,293	6,363	6,526	6,835
Wastewater Treatment	8,545	8,276	6,466	7,452
Capital	5,081	4,747	2,450	3,143
Other	3,464	3,529	4,016	4,308

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	67,888	17,009	65,205	67,539
Capital	24,672	4,823	19,063	19,795
Other	43,216	12,186	46,143	47,744
Highways	37,977	8,786	35,133	36,641
Capital	15,757	2,912	12,519	13,287
Other	22,220	5,873	22,614	23,355
Mass Transit	6,320	2,239	7,234	6,768
Capital	779	304	577	176
Other	5,542	1,935	6,658	6,592
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	2,679	668	2,217	2,158
Capital	1,057	243	582	452
Other	1,623	425	1,635	1,706
Water Transportation ^a	1,506	401	1,511	1,526
Capital	694	171	645	652
Other	812	230	866	874
Water Resources ^a	1,540	388	1,436	1,511
Capital	114	37	62	-49
Other	1,426	351	1,374	1,560
Water Supply	10,634	2,804	10,832	11,113
Capital	3,642	789	3,112	3,134
Other	6,993	2,014	7,720	7,979
Wastewater Treatment	7,231	1,724	6,842	7,823
Capital	2,630	366	1,566	2,144
Other	4,601	1,358	5,276	5,679

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	72,270	73,257	75,464	76,827
Capital	22,063	21,940	22,281	22,051
Other	50,207	51,316	53,184	54,776
Highways	38,257	37,527	36,254	36,569
Capital	14,343	13,665	12,765	12,855
Other	23,913	23,862	23,488	23,715
Mass Transit	7,341	7,729	9,006	10,430
Capital	-9	77	173	756
Other	7,351	7,653	8,833	9,674
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	2,592	3,034	3,273	3,445
Capital	784	1,091	1,194	1,274
Other	1,808	1,943	2,080	2,171
Water Transportation*	1,786	1,869	2,031	1,846
Capital	874	922	1,043	857
Other	913	947	988	989
Water Resources^d	1,914	2,341	2,381	2,175
Capital	76	258	332	584
Other	1,838	2,083	2,049	1,591
Water Supply	11,750	12,155	12,794	13,075
Capital	3,417	3,650	3,786	3,617
Other	8,332	8,505	9,008	9,459
Wastewater Treatment	8,631	8,601	9,725	9,287
Capital	2,579	2,278	2,988	2,109
Other	6,052	6,323	6,737	7,178

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	80,487	82,059	86,383	92,012
Capital	23,182	23,492	25,811	28,429
Other	57,305	58,568	60,572	63,583
Highways	36,961	37,795	39,648	41,459
Capital	12,411	12,761	13,521	14,573
Other	24,549	25,035	26,127	26,886
Mass Transit	11,760	12,061	12,652	13,267
Capital	1,081	884	1,595	1,296
Other	10,679	11,177	11,057	11,971
Rail	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.
Aviation	3,498	3,646	3,671	4,094
Capital	1,273	1,339	1,316	1,584
Other	2,225	2,306	2,355	2,509
Water Transportation^a	1,820	1,682	1,815	1,947
Capital	824	729	866	992
Other	996	952	949	955
Water Resources^a	2,398	2,395	2,773	2,985
Capital	780	826	994	1,034
Other	1,618	1,569	1,780	1,951
Water Supply	13,572	13,510	14,753	16,337
Capital	3,817	3,631	4,308	5,333
Other	9,755	9,879	10,445	11,004
Wastewater Treatment	10,479	10,971	11,070	11,923
Capital	2,997	3,321	3,212	3,617
Other	7,481	7,650	7,858	8,306

(Continued)

TABLE A-11. NET STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	101,010	104,086	107,135	110,867	115,621
Capital	35,655	37,684	39,117	40,560	43,527
Other	65,355	66,402	68,018	70,307	72,095
Highways	45,221	45,458	46,875	47,853	49,870
Capital	18,209	19,229	20,238	20,539	22,285
Other	27,012	26,229	26,637	27,314	27,585
Mass Transit	13,799	14,061	14,082	14,692	15,811
Capital	1,684	1,805	2,058	2,349	2,552
Other	12,115	12,256	12,024	12,343	13,260
Rail	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	4,553	4,964	4,962	5,451	5,733
Capital	1,924	2,204	1,988	2,341	2,505
Other	2,629	2,760	2,974	3,110	3,228
Water Transportation ^a	1,945	1,962	1,968	1,963	1,971
Capital	958	970	958	939	972
Other	987	993	1,010	1,024	999
Water Resources ^a	3,718	5,033	5,357	5,706	5,554
Capital	1,271	1,342	1,515	1,789	1,612
Other	2,447	3,691	3,842	3,917	3,942
Water Supply	18,009	17,735	18,514	19,079	19,797
Capital	6,561	6,177	6,376	6,588	7,121
Other	11,448	11,558	12,137	12,491	12,676
Wastewater Treatment	13,765	14,873	15,377	16,123	16,885
Capital	5,048	5,958	5,983	6,015	6,479
Other	8,717	8,915	9,394	10,107	10,405

SOURCE: Congressional Budget Office.

NOTE: n.a. = not available.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
b. Transition quarter.

TABLE A-12. TOTAL STATE AND LOCAL SPENDING FOR INFRASTRUCTURE,
1956-1991 (In millions of 1990 dollars)

	1956	1957	1958	1959
All Categories	58,844	63,504	65,952	67,946
Capital	29,816	31,605	34,132	37,144
Other	29,029	31,900	31,820	30,802
Highways	39,148	42,582	44,767	46,470
Capital	21,954	23,366	25,309	27,990
Other	17,195	19,215	19,458	18,480
Mass Transit	4,038	4,049	4,014	3,843
Capital	514	538	589	430
Other	3,524	3,511	3,426	3,413
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	950	1,225	1,261	1,458
Capital	561	753	1,116	969
Other	389	472	146	488
Water Transportation*	1,203	1,070	1,168	1,196
Capital	500	480	606	645
Other	703	590	562	551
Water Resources*	924	1,329	1,646	1,876
Capital	149	225	318	425
Other	775	1,104	1,329	1,451
Water Supply	7,960	8,429	8,274	8,222
Capital	3,359	3,354	3,343	3,700
Other	4,602	5,075	4,930	4,521
Wastewater Treatment	4,619	4,820	4,821	4,881
Capital	2,778	2,888	2,851	2,984
Other	1,841	1,933	1,969	1,897

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1960	1961	1962	1963
All Categories	66,008	69,401	70,421	72,841
Capital	35,239	36,945	37,598	38,909
Other	30,769	32,456	32,824	33,932
Highways	44,796	46,695	47,539	48,922
Capital	26,426	26,992	28,047	28,941
Other	18,371	19,703	19,491	19,981
Mass Transit	3,896	3,823	3,898	4,219
Capital	392	500	362	625
Other	3,504	3,323	3,536	3,594
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	1,602	1,941	1,709	1,605
Capital	1,013	1,309	1,017	860
Other	589	632	692	745
Water Transportation*	1,168	1,389	1,361	1,261
Capital	567	804	744	741
Other	601	585	617	520
Water Resources*	851	918	1,041	1,348
Capital	132	188	197	321
Other	720	730	843	1,027
Water Supply	8,499	9,403	9,086	9,117
Capital	3,514	4,126	3,670	3,491
Other	4,985	5,277	5,417	5,627
Wastewater Treatment	5,196	5,231	5,788	6,369
Capital	3,197	3,026	3,561	3,931
Other	1,999	2,206	2,227	2,438

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1964	1965	1966	1967
All Categories	74,623	77,397	80,030	82,680
Capital	41,100	43,027	44,251	44,997
Other	33,523	34,370	35,779	37,683
Highways	50,195	51,656	52,492	55,199
Capital	30,655	31,677	32,103	33,710
Other	19,539	19,979	20,389	21,489
Mass Transit	4,378	5,022	4,755	5,321
Capital	597	921	807	1,157
Other	3,781	4,101	3,949	4,165
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	1,583	1,783	1,781	1,875
Capital	840	993	960	1,028
Other	744	790	821	847
Water Transportation*	1,289	1,205	1,332	1,303
Capital	666	605	721	657
Other	622	600	611	646
Water Resources*	1,541	1,247	2,329	2,798
Capital	472	288	651	864
Other	1,068	959	1,678	1,934
Water Supply	9,205	9,914	10,386	9,659
Capital	3,651	4,331	4,522	3,766
Other	5,553	5,583	5,864	5,893
Wastewater Treatment	6,433	6,571	6,956	6,525
Capital	4,218	4,213	4,488	3,816
Other	2,215	2,358	2,468	2,709

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1968	1969	1970	1971
All Categories	84,035	86,386	87,230	91,132
Capital	45,680	47,624	47,058	50,038
Other	38,354	38,762	40,172	41,094
Highways	55,256	56,168	56,386	58,555
Capital	33,666	34,381	34,124	35,957
Other	21,591	21,786	22,262	22,599
Mass Transit	6,100	6,393	6,085	6,533
Capital	1,535	1,871	1,161	1,349
Other	4,565	4,522	4,924	5,185
Rail	0	0	0	0
Capital	0	0	0	0
Other	0	0	0	0
Aviation	1,981	2,626	3,283	3,411
Capital	1,130	1,627	2,191	2,220
Other	851	999	1,092	1,191
Water Transportation ^a	1,558	1,693	1,549	1,648
Capital	915	977	818	916
Other	643	716	731	732
Water Resources ^a	2,693	2,356	2,288	2,246
Capital	799	628	565	549
Other	1,894	1,728	1,723	1,697
Water Supply	9,780	10,197	10,174	10,180
Capital	3,801	4,100	3,808	3,772
Other	5,979	6,098	6,366	6,408
Wastewater Treatment	6,666	6,953	7,465	8,559
Capital	3,836	4,040	4,392	5,275
Other	2,831	2,913	3,073	3,284

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1972	1973	1974	1975
All Categories	92,216	88,689	87,699	89,817
Capital	51,684	48,787	46,363	45,877
Other	40,532	39,902	41,336	43,940
Highways	57,803	53,013	51,711	50,857
Capital	35,905	31,536	29,974	28,253
Other	21,897	21,477	21,736	22,603
Mass Transit	6,838	7,841	7,956	9,001
Capital	1,440	2,532	2,284	2,491
Other	5,398	5,309	5,673	6,510
Rail	0	0	57	350
Capital	0	0	57	350
Other	0	0	0	c
Aviation	3,852	4,007	3,366	3,283
Capital	2,636	2,782	2,003	1,764
Other	1,216	1,224	1,364	1,519
Water Transportation ^a	1,605	1,717	1,630	1,687
Capital	887	955	863	868
Other	718	762	767	819
Water Resources ^a	2,002	1,589	1,628	1,736
Capital	456	351	373	391
Other	1,545	1,238	1,255	1,344
Water Supply	10,244	10,312	10,825	11,206
Capital	3,951	3,949	4,299	4,371
Other	6,293	6,363	6,526	6,835
Wastewater Treatment	9,871	10,211	10,527	11,698
Capital	6,407	6,682	6,511	7,389
Other	3,464	3,529	4,016	4,308

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1976	TQ ^b	1977	1978
All Categories	91,087	23,252	89,466	89,872
Capital	46,422	10,825	41,728	40,259
Other	44,665	12,426	47,738	49,613
Highways	50,670	12,109	46,770	47,103
Capital	28,156	6,145	23,853	23,413
Other	22,514	5,964	22,917	23,690
Mass Transit	9,323	2,906	10,971	10,619
Capital	2,653	823	3,043	2,519
Other	6,670	2,083	7,928	8,099
Rail	751	9	56	-7
Capital	751	9	55	-8
Other	c	c	1	1
Aviation	3,212	718	2,849	3,129
Capital	1,589	293	1,214	1,423
Other	1,623	425	1,635	1,706
Water Transportation ^a	1,518	403	1,526	1,538
Capital	694	171	645	652
Other	824	232	881	887
Water Resources ^a	1,807	452	1,736	1,820
Capital	367	101	356	247
Other	1,440	351	1,380	1,573
Water Supply	11,368	3,016	11,627	11,915
Capital	4,375	1,002	3,907	3,937
Other	6,993	2,014	7,720	7,979
Wastewater Treatment	12,438	3,639	13,931	13,755
Capital	7,837	2,281	8,655	8,076
Other	4,601	1,358	5,276	5,678

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1979	1980	1981	1982
All Categories	95,683	98,935	99,227	98,254
Capital	43,612	45,211	43,702	41,395
Other	52,071	53,724	55,525	56,860
Highways	49,307	50,010	47,768	46,280
Capital	25,006	25,759	23,857	22,318
Other	24,300	24,251	23,911	23,962
Mass Transit	11,383	12,464	14,157	15,387
Capital	2,573	2,813	3,421	3,914
Other	8,809	9,651	10,736	11,473
Rail	101	193	93	119
Capital	99	190	87	82
Other	2	3	5	37
Aviation	3,437	3,827	3,861	3,858
Capital	1,629	1,884	1,781	1,687
Other	1,808	1,943	2,080	2,171
Water Transportation ^a	1,795	1,873	2,031	1,846
Capital	874	922	1,043	857
Other	922	951	988	989
Water Resources ^a	2,145	2,474	2,515	2,396
Capital	300	377	455	805
Other	1,845	2,097	2,060	1,591
Water Supply	12,677	13,134	13,718	14,000
Capital	4,345	4,629	4,710	4,542
Other	8,332	8,505	9,008	9,459
Wastewater Treatment	14,837	14,960	15,085	14,368
Capital	8,785	8,637	8,347	7,191
Other	6,052	6,323	6,737	7,178

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1983	1984	1985	1986
All Categories	101,434	104,226	110,359	116,909
Capital	42,502	44,633	48,409	52,356
Other	58,932	59,593	61,949	64,553
Highways	47,676	50,212	54,180	57,052
Capital	22,940	24,984	27,861	29,965
Other	24,735	25,227	26,318	27,087
Mass Transit	16,364	16,550	16,561	17,016
Capital	4,434	4,557	4,333	4,306
Other	11,931	11,993	12,227	12,711
Rail	245	119	60	33
Capital	62	116	58	30
Other	183	3	1	3
Aviation	4,044	4,464	4,564	5,035
Capital	1,819	2,158	2,208	2,525
Other	2,225	2,306	2,355	2,509
Water Transportation*	1,827	1,696	1,830	1,974
Capital	824	729	866	992
Other	1,003	966	964	982
Water Resources*	2,599	2,629	3,025	3,225
Capital	981	1,060	1,245	1,274
Other	1,618	1,569	1,780	1,951
Water Supply	14,244	14,148	15,427	16,910
Capital	4,489	4,269	4,982	5,906
Other	9,755	9,879	10,445	11,004
Wastewater Treatment	14,435	14,409	14,714	15,664
Capital	6,954	6,759	6,855	7,359
Other	7,481	7,650	7,858	8,306

(Continued)

TABLE A-12. TOTAL STATE AND LOCAL SPENDING (In millions of 1990 dollars)
CONTINUED

	1987	1988	1989	1990	1991
All Categories	122,842	126,390	128,650	133,196	138,234
Capital	56,410	58,818	59,418	62,004	65,261
Other	66,433	67,572	69,232	71,192	72,972
Highways	58,958	60,137	60,624	62,028	64,041
Capital	31,752	33,677	33,724	34,502	36,245
Other	27,206	26,460	26,900	27,525	27,797
Mass Transit	17,438	17,493	17,725	18,480	19,600
Capital	4,467	4,333	4,781	5,491	5,713
Other	12,971	13,160	12,944	12,989	13,887
Rail	29	24	17	2	7
Capital	26	0	15	c	2
Other	3	2	3	2	5
Aviation	5,553	5,835	6,121	6,671	7,247
Capital	2,924	3,074	3,147	3,561	4,019
Other	2,629	2,760	2,974	3,110	3,228
Water Transportation ^a	1,969	1,996	1,997	1,989	2,005
Capital	958	970	958	939	972
Other	1,012	1,026	1,039	1,050	1,033
Water Resources ^a	3,912	5,192	5,481	5,856	5,690
Capital	1,465	1,501	1,639	1,938	1,749
Other	2,447	3,691	3,842	3,917	3,942
Water Supply	18,024	18,028	18,771	19,520	20,197
Capital	6,576	6,471	6,633	7,029	7,521
Other	11,448	11,558	12,137	12,491	12,676
Wastewater Treatment	16,959	17,684	17,914	18,650	19,446
Capital	8,242	8,770	8,521	8,543	9,041
Other	8,717	8,915	9,394	10,107	10,405

SOURCE: Congressional Budget Office.

- a. Navigation outlays by the Army Corps of Engineers are included in water resources rather than in water transportation.
- b. Transition quarter.
- c. \$500,000 or less.

