



**CONGRESSIONAL BUDGET OFFICE  
COST ESTIMATE**

March 30, 2009

**H.R. 1580  
Electronic Device Recycling Research and Development Act**

*As ordered reported by the House Committee on Science and Technology  
on March 25, 2009*

**SUMMARY**

H.R. 1580 would authorize specified appropriations for the Environmental Protection Agency to provide grants to consortia and institutions of higher education to support research and projects related to the recycling of electronic devices, such as computers, printers, and copiers. This legislation also would authorize appropriations for the National Institute of Standards and Technology (NIST) to develop a database of alternative materials for use in electronic devices.

CBO estimates that implementing H.R.1580 would cost \$10 million in 2010 and \$84 million over the 2010-2014 period, assuming appropriation of the authorized amounts. Enacting the bill would not affect direct spending or revenues.

H.R. 1580 contains no intergovernmental or private-sector mandates as defined in the Unfunded Mandates Reform Act (UMRA). Any costs to state, local, or tribal governments would result from complying with conditions of assistance.

**ESTIMATED COST TO THE FEDERAL GOVERNMENT**

The estimated budgetary impact of H.R. 1580 is shown in the following table. The costs of this legislation fall within budget functions 300 (natural resources and environment) and 370 (commerce and housing credit). Estimated outlays are based on historical spending patterns for similar programs.

	By Fiscal Year, in Millions of Dollars					2010-
	2010	2011	2012	2013	2014	2014
<b>CHANGES IN SPENDING SUBJECT TO APPROPRIATION</b>						
Grants to Consortia to Address Environmental Impact of Electronic Devices						
Authorization Level	18	20	22	0	0	60
Estimated Outlays	7	16	21	13	3	60
Grants to Develop Engineering Curriculum						
Authorization Level	5	5	5	0	0	15
Estimated Outlays	2	4	5	3	1	15
NIST Database Development						
Authorization Level	3	3	3	0	0	9
Estimated Outlays	1	3	3	2	0	9
Total Proposed Changes						
Authorization Level	26	28	30	0	0	84
Estimated Outlays	10	23	29	18	4	84

Note: NIST = National Institute of Standards and Technology.

## **INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT**

H.R. 1580 contains no intergovernmental or private-sector mandates as defined in UMRA. The bill would provide grants to institutions of higher education, including public colleges and universities, to conduct research and develop curricula related to improving the recycling of electronic devices. Any costs to state, local, or tribal governments would result from complying with conditions of assistance.

### **ESTIMATE PREPARED BY:**

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