

CBO PAPERS

**UPDATING TRENDS IN PUBLIC
INFRASTRUCTURE SPENDING
AND ANALYZING
THE PRESIDENT'S PROPOSALS
FOR INFRASTRUCTURE SPENDING
FROM 1994 TO 1998**

August 1993



**CONGRESSIONAL BUDGET OFFICE
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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 1994*, submitted by President Clinton to the Congress in April 1993.

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

All figures in the section "The President's 1994 Budget: Infrastructure Proposals for the 1994-1998 Period" are in nominal dollars.

Data on state and local outlays and total public outlays are available through 1990; data on federal outlays are provided through 1998.

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 Public Works and Transportation, this Congressional Budget Office (CBO) paper continues the detailed analysis of infrastructure outlays in CBO's May 1992 report "Trends in Public Infrastructure Outlays and the President's Proposals for Infrastructure Spending in 1993." In addition, it analyzes current and future spending through 1998 based on the budget submitted by President Clinton to the Congress in April 1993.

The paper was written by Aaron Zeisler of CBO's Natural Resources and Commerce Division under the supervision of Elliot Schwartz and Jan Paul Acton. The author wishes to thank many people, both inside and outside of CBO, for their helpful contributions. Within CBO, Marjorie Miller helped to prepare and analyze data related to the President's 1994 budget. Robert Arnold, David Sanders, and Michael Simpson were also of great assistance in preparing data. Thomas Cuny and Elizabeth Pinkston offered many useful comments and suggestions. Outside of CBO, Larry Hush facilitated the compiling of data on federal spending. Michael Deich, the author of the May 1992 paper, provided invaluable guidance and support.

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CONTENTS

INTRODUCTION	1
RECENT TRENDS IN PUBLIC SPENDING AND PROPOSED FEDERAL SPENDING FOR INFRASTRUCTURE	2
THE PRESIDENT'S 1994 BUDGET: INFRASTRUCTURE PROPOSALS FOR THE 1994-1998 PERIOD	13
COMPARING INFRASTRUCTURE SPENDING WITH THE FEDERAL BUDGET AND THE ECONOMY	23
CONCLUSION	23
APPENDIX: SOURCES AND DEFINITIONS FOR INFRASTRUCTURE DATA	27

TABLES

1.	Public Spending for Infrastructure, 1956-1990	3
2.	Public Capital and Noncapital Spending for Infrastructure, 1956-1990	4
3.	Federal Capital and Noncapital Spending for Infrastructure, 1961-1998	6
4.	Budget Authority for Federal Infrastructure Programs, 1993-1998	16
5.	Outlays for Federal Infrastructure Programs, 1993-1998	20
6.	Federal Spending for Infrastructure as a Percentage of All Federal Spending, 1956-1993	24
7.	Federal Spending for Infrastructure as a Percentage of Gross Domestic Product, 1956-1993	25
A-1.	Infrastructure Spending by Federal, State, and Local Governments, 1956-1990 (In millions of nominal dollars)	32
A-2.	Total Federal Spending for Infrastructure, 1956-1998 (In millions of nominal dollars)	38
A-3.	Direct Federal Spending for Infrastructure, 1956-1998 (In millions of nominal dollars)	46
A-4.	Indirect Federal Spending for Infrastructure, 1956-1998 (In millions of nominal dollars)	54
A-5.	State and Local Spending for Infrastructure, Net of Federal Grants and Loans, 1956-1990 (In millions of nominal dollars)	62
A-6.	Total State and Local Spending for Infrastructure, 1956-1990 (In millions of nominal dollars)	68

A-7.	Infrastructure Spending by Federal, State, and Local Governments, 1956-1990 (In millions of 1990 dollars)	74
A-8.	Total Federal Spending for Infrastructure, 1956-1998 (In millions of 1990 dollars)	80
A-9.	Direct Federal Spending for Infrastructure, 1956-1998 (In millions of 1990 dollars)	88
A-10.	Indirect Federal Spending for Infrastructure, 1956-1998 (In millions of 1990 dollars)	96
A-11.	State and Local Spending for Infrastructure, Net of Federal Grants and Loans, 1956-1990 (In millions of 1990 dollars)	104
A-12.	Total State and Local Spending for Infrastructure, 1956-1990 (In millions of 1990 dollars)	110

FIGURES

1.	Federal Spending for Highways and Other Types of Infrastructure, 1956-1998	7
2.	Federal Capital and Noncapital Spending for Infrastructure, 1956-1998	9
3.	Federal Capital Spending for Selected Types of Infrastructure, 1956-1998	11
4.	Federal Noncapital Spending for Selected Types of Infrastructure, 1956-1998	12
5.	Public Capital Spending for Infrastructure, 1956-1990	14
6.	Public Noncapital Spending for Infrastructure, 1956-1990	15

BOX

1. Comparing Budget Authority and Outlays 18

INTRODUCTION

The public facilities, resources, and services known as infrastructure--for example, highways, mass transit, railways, airports, and water supply and wastewater treatment facilities--are vital to the nation's production and distribution of private economic output, in addition to its citizens' overall quality of life. 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 1990, total public spending for infrastructure was \$147 billion, in real terms (that is, adjusting for inflation).

This 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 1994 through 1998 and compares them with the Congressional Budget Office's (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 paper on spending for infrastructure: highways, mass transit, rail, aviation, water transportation, water resources, water supply, and wastewater treatment facilities.¹ Like that paper, 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).

CBO has updated through 1992 the historical analysis of federal spending for infrastructure (total, direct, and indirect) that was presented in its earlier report. In addition, federal infrastructure budgets are analyzed for 1993 and for 1994 through 1998.² CBO has calculated state and local government spending (both total spending and total spending net of federal grants and loans) and total public spending (total federal spending plus state and local spending net of federal grants and loans) through 1990, the last year for which data are available. Thus, this infrastructure data set is continuous from 1956 through 1990 for total public spending (federal, state, and local) and continuous from 1956 through 1998 for federal spending. The appendix presents definitions, methods, and sources used to create the data set.

1. See Congressional Budget Office, "Trends in Public Infrastructure Outlays and the President's Proposals for Infrastructure Spending," CBO Paper (May 1992).

2. Data on federal spending are available for 1992 and for 1993 through 1998 in the *Budget of the United States Government, Fiscal Year 1994*. Data on state and local government spending are from the Bureau of the Census's *Government Finances* series and are available only through 1990. Thus, total spending by federal, state, and local governments (referred to as public spending) cannot be calculated for 1991 through 1998.

For more recent state and local government spending data, see Bureau of the Census, *Government Finances: 1990-1991*, Preliminary Report (January 1993).

RECENT TRENDS IN PUBLIC SPENDING AND PROPOSED FEDERAL SPENDING FOR INFRASTRUCTURE

Total public spending for infrastructure has risen in real terms over the 1956-1990 period (see Table 1).³ Since 1974, aggregate expenditures have risen steadily in real terms (falling only in 1982) at an average rate of 2.6 percent per year. Total outlays rose by 3.0 percent between 1989 and 1990--from \$142.7 billion to \$147.0 billion. Furthermore, spending in all categories of infrastructure except rail increased in 1990 by between 1.9 percent and 6.1 percent.

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. Several changes can be noted in those components.

- o *The relative contributions of federal, state, and local governments have varied widely* (see Table 1). From 1956 through 1976, federal spending for infrastructure was approximately one-third to one-half as much as state and local government spending--or simply one-third 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 1990, federal spending relative to state and local government spending was still proportionally less than it had been in more than three decades: it constituted one-third of the state and local government contribution, or one-fourth of all public spending for infrastructure.
- o *Capital outlays have fluctuated more than noncapital outlays.*⁴ From 1956 through 1990, noncapital outlays increased steadily (see Table 2). Since 1973, noncapital outlays have grown in every year except 1982, at an average rate of 2.3 percent per year. In contrast, capital outlays rose and fell over the 1956-1990 period; nevertheless, since 1978, capital investment has increased 3.1 percent per year on average.

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, 1956-1990
(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	102,681	33,046	32.2	69,635	67.8
1975	105,786	33,855	32.0	71,931	68.0
1976	106,557	39,420	37.0	67,137	63.0
1977	107,493	42,345	39.4	65,149	60.6
1978	107,996	40,450	37.5	67,546	62.5
1979	113,697	41,528	36.5	72,169	63.5
1980	116,961	43,898	37.5	73,064	62.5
1981	118,019	42,648	36.1	75,371	63.9
1982	113,610	36,901	32.5	76,708	67.5
1983	115,471	35,229	30.5	80,242	69.5
1984	119,322	37,381	31.3	81,941	68.7
1985	124,761	38,438	30.8	86,324	69.2
1986	131,947	39,967	30.3	91,980	69.7
1987	137,018	36,037	26.3	100,981	73.7
1988	140,586	36,525	26.0	104,062	74.0
1989	142,659	35,541	24.9	107,118	75.1
1990	146,957	36,727	25.0	110,230	75.0

SOURCE: Congressional Budget Office.

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

TABLE 2. PUBLIC CAPITAL AND NONCAPITAL SPENDING FOR INFRASTRUCTURE, 1956-1990 (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	102,681	51,399	50.1	51,282	49.9
1975	105,786	50,357	47.6	55,429	52.4
1976	106,557	50,463	47.4	56,094	52.6
1977	107,493	48,174	44.8	59,320	55.2
1978	107,996	46,380	42.9	61,616	57.1
1979	113,697	49,739	43.7	63,958	56.3
1980	116,961	51,071	43.7	65,891	56.3
1981	118,019	48,140	40.8	69,879	59.2
1982	113,610	45,523	40.1	68,086	59.9
1983	115,471	46,386	40.2	69,085	59.8
1984	119,322	48,343	40.5	70,978	59.5
1985	124,761	52,412	42.0	72,349	58.0
1986	131,947	57,431	43.5	74,516	56.5
1987	137,018	60,704	44.3	76,313	55.7
1988	140,586	63,001	44.8	77,585	55.2
1989	142,659	63,340	44.4	79,319	55.6
1990	146,957	65,930	44.9	81,027	55.1

SOURCE: Congressional Budget Office.

- o *Priorities for infrastructure programs have changed more at the federal level than at the state and local levels.* During the 1970s, federal spending for infrastructure was focused more on wastewater treatment, transit, and water supply. Beginning in the 1980s and continuing in the 1990s, the federal focus shifted to highways and aviation.⁵ The President's budget would extend that trend, continuing the emphasis on highways and aviation and adding transit. Conversely, 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 *At the federal level, total spending for infrastructure has increased since 1989 and, based on the President's budget for 1994 through 1998, will continue to do so (see Table 3).* Federal spending is expected to increase in 1993 to \$43.0 billion, a 7.9 percent increase over 1992 spending. Federal outlays in 1993 would match, and in the 1994-1998 period exceed, spending in 1980, the highest level previously reached.

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 sharply; 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. Currently, most federal spending is directed toward highways--in 1992, spending for highways totaled \$15.6 billion, or 39 percent of the federal share (see Figure 1). Except for aviation (because of its proportionally higher level of capital investment), all other categories of spending for infrastructure have declined since 1978 in real terms.

5. *Ibid.*

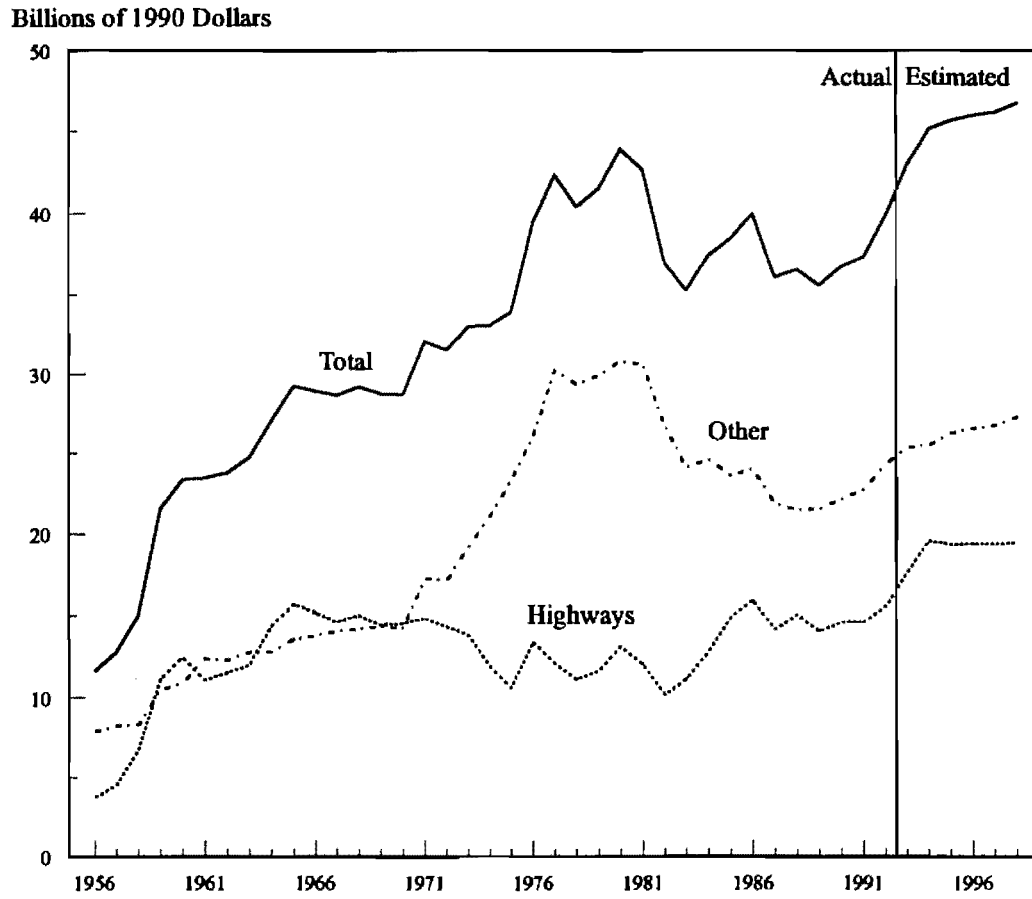
TABLE 3. FEDERAL CAPITAL AND NONCAPITAL SPENDING FOR INFRASTRUCTURE, 1961-1998 (In millions of 1990 dollars)

Year	Total	Capital	Percentage of Total	Noncapital	Percentage of Total
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	43,006	30,284	70.4	12,721	29.6
1994	45,106	32,085	71.1	13,022	28.9
1995	45,631	32,642	71.5	12,990	28.5
1996	45,941	33,309	72.5	12,632	27.5
1997	46,160	32,990	71.5	13,170	28.5
1998	46,701	33,738	72.2	12,962	27.8

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

Figure 1.
Federal Spending for Highways and Other Types of Infrastructure, 1956-1998



SOURCE: Congressional Budget Office.

In 1993, total federal spending for infrastructure is estimated to be \$43.0 billion, a 7.9 percent increase over 1992. The President's proposals for infrastructure in his 1994 budget--for 1994 through 1998--increase federal outlays for infrastructure 2.7 percent per year in real terms, on average, for all categories except wastewater treatment.

Under the President's budget proposals, the distribution of spending among categories of infrastructure would not change significantly over the 1994-1998 period, although total spending over time would change. Between 1992 and 1994, total spending would increase (in real terms) approximately 6.4 percent per year. From 1994 through 1998, however, spending would increase by only 0.9 percent per year. The increases in spending in all categories would follow that same front-loaded pattern. In the highways category, for example, spending would rise by 13.5 percent in 1993 and 11 percent in 1994. Between 1995 and 1998, however, spending would actually fall.

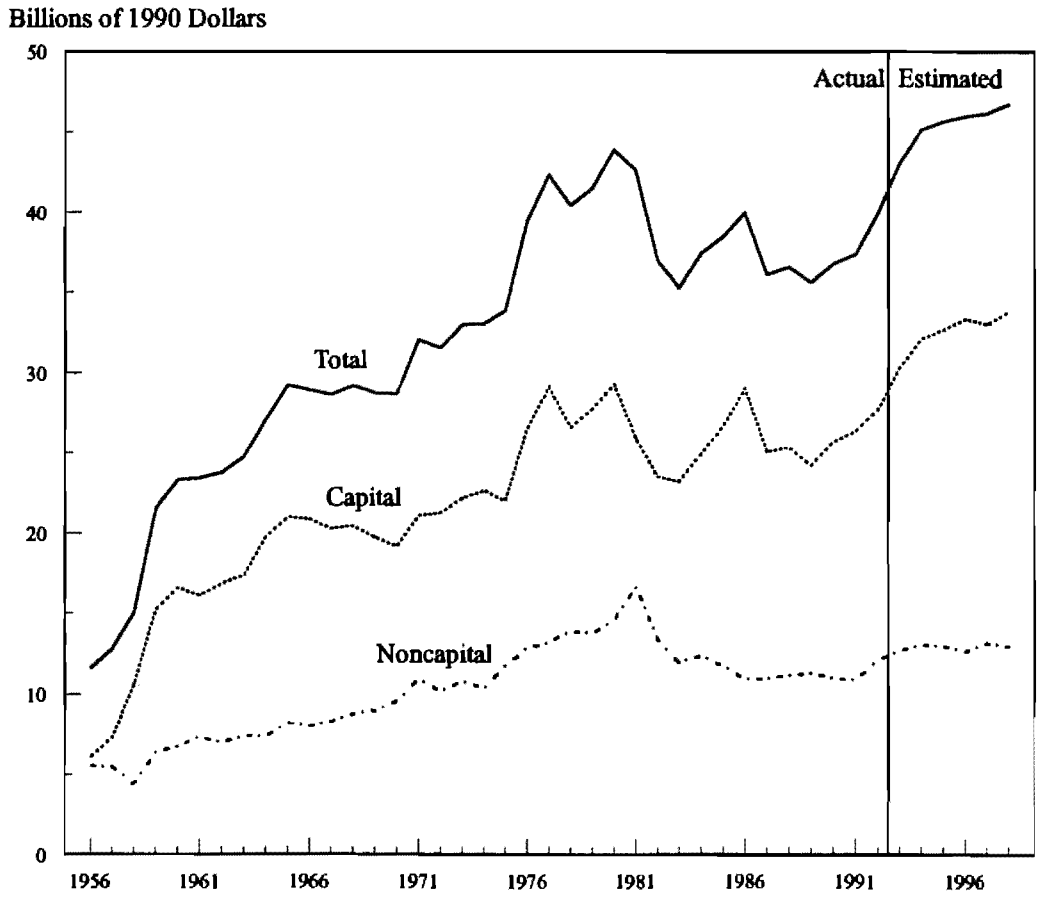
Federal outlays for infrastructure may be indirect (grants-in-aid or loans to state and local governments) or direct (all other federal spending). For highways, transit, airport development (capital), water supply, and wastewater treatment, more than 95 percent of total federal outlays take the form 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 (noncapital), 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 variance 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).

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,

Figure 2.
Federal Capital and Noncapital Spending for Infrastructure, 1956-1998



SOURCE: Congressional Budget Office.

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 from \$13.2 billion in 1980 to \$5.7 billion in 1989.

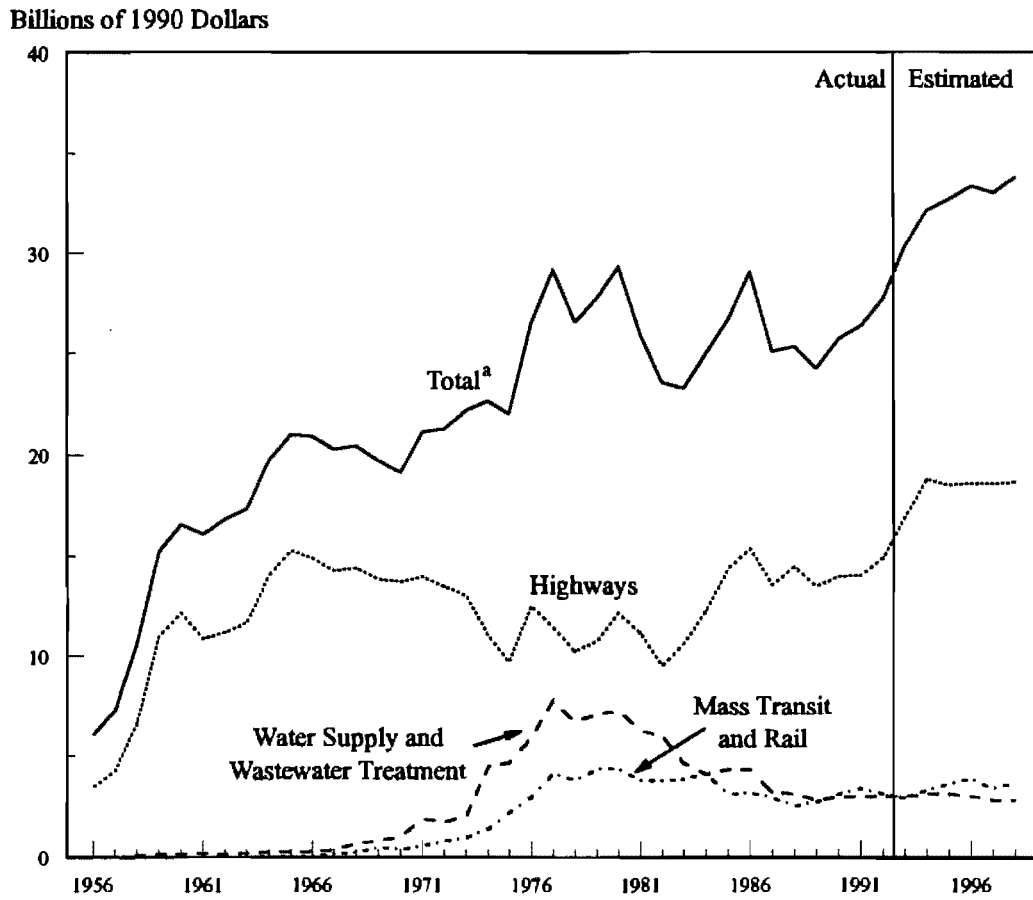
In the 1990s, capital investment in highways, rail, aviation, and water transportation began to increase. Between 1978 and 1992, federal capital outlays for highways rose from 39 percent to 54 percent of all capital spending. Spending for highways rose more than spending in any other category in 1992, increasing by \$880 million. Trends in capital spending generally follow highway investment (see Figure 3).

Federal capital outlays are estimated to increase in real terms by 9.3 percent in 1993, rising from \$27.7 billion in 1992 to \$30.3 billion. Under the President's budget, capital spending would increase at an average rate of 3.4 percent per year over the 1993-1998 period. By 1998, capital spending is projected to be \$33.7 billion, giving capital investment more than a 70 percent share of total federal spending for infrastructure. The spending paths for individual infrastructure programs would increase over the period, declining only for wastewater treatment.

Noncapital Outlays. In general, noncapital outlays have followed a steady pattern from 1956 to 1992. That trend, however, can be separated into two distinct periods: from 1956 to 1981 and from 1981 to 1992 (see Figure 4). Noncapital outlays rose from \$5.5 billion in 1956 to \$16.7 billion in 1981, then declined, reaching \$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 the Federal Aviation Administration.

From 1991 to 1992, noncapital spending rose in real terms by 11.1 percent (from \$10.9 billion to \$12.1 billion); in 1993, it is estimated to rise by 4.7 percent (reaching \$12.7 billion). Based on the President's budget proposals, noncapital outlays would fluctuate slightly, reaching \$13.0 billion by 1998. That increase would represent an average annual growth of 1.1 percent. It would translate into an overall average increase only until 1994, however; then, from 1995 through 1998, an overall average decrease would occur. At the program level, noncapital outlays would increase over the five-year budget period for all categories of infrastructure except water resources, which would fall from \$2.4 billion in 1994 to \$1.8 billion by 1998.

Figure 3.
Federal Capital Spending for Selected Types of Infrastructure, 1956-1998

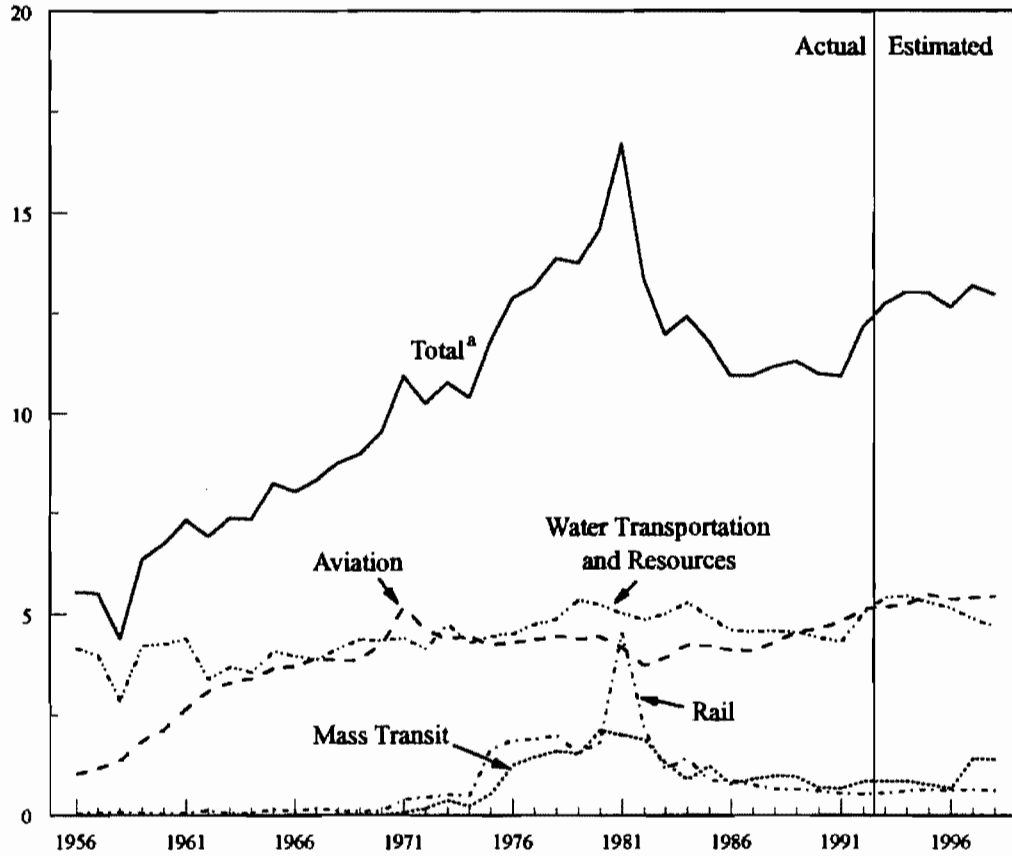


SOURCE: Congressional Budget Office.

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

Figure 4.
Federal Noncapital Spending for Selected Types of Infrastructure, 1956-1998

Billions of 1990 Dollars



SOURCE: Congressional Budget Office.

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

State and Local Infrastructure Outlays

State and local outlays for infrastructure net of federal grants and loans rose in real terms by 2.9 percent between 1989 and 1990, reaching \$110.2 billion (see Table A-11). That spending represented 75 percent of all public spending for infrastructure. In 1990, outlays increased for every category of infrastructure except water transportation, which remained unchanged.

Capital Outlays. Historically, state and local capital spending has varied widely over the 1956-1990 period (see Figure 5 and Tables A-7, A-8, and A-11). Since 1982, however, capital spending has increased every year and in 1990 reached \$40.2 billion. Capital investment also increased in all categories except water transportation and wastewater treatment. 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 were more than 50 percent of total public capital investment. By 1990, state and local government outlays were 61.0 percent of total capital investment.

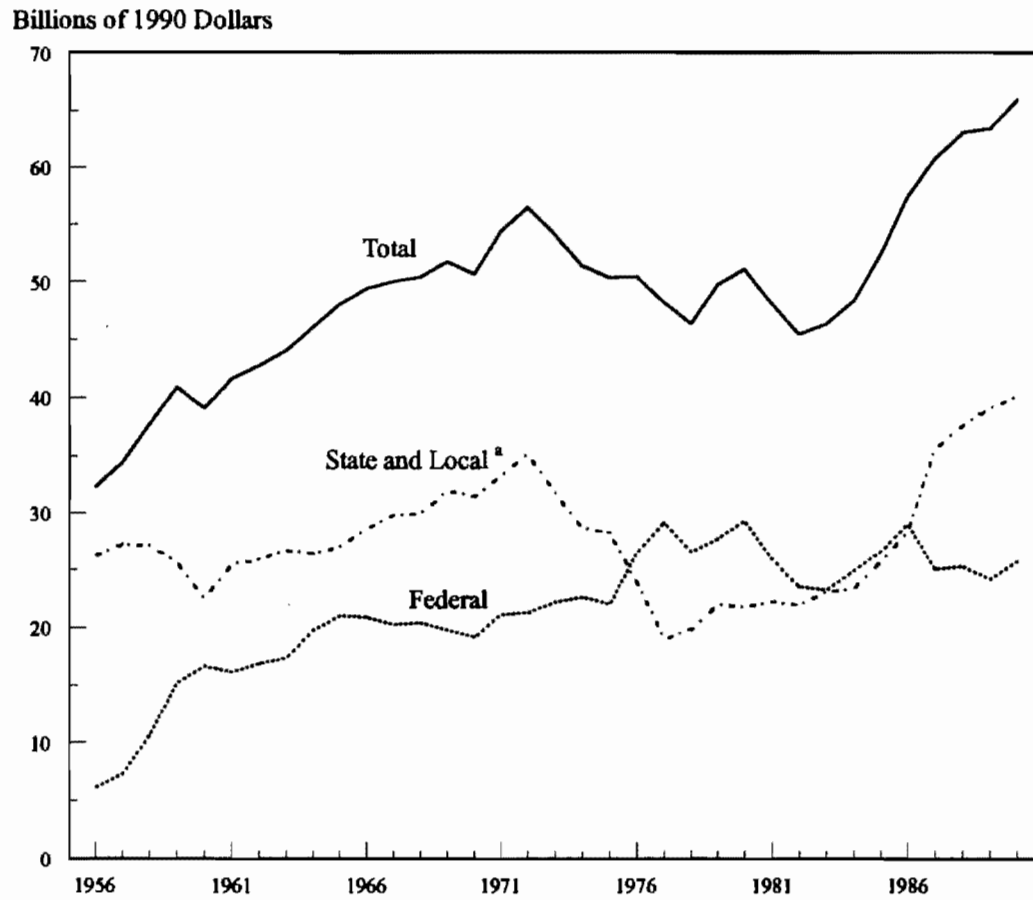
Noncapital Outlays. In contrast, noncapital spending by state and local governments has followed a stable path (see Figure 6 and Tables A-7, A-8, and A-11). In general, state and local noncapital spending has risen over the 1956-1990 period, whereas federal noncapital spending has remained fairly constant. In 1990, noncapital state and local outlays increased to \$70.0 billion from \$68.0 billion in 1989. Moreover, noncapital spending increased among all categories of infrastructure. The proportion of noncapital spending by state and local governments has also continued to rise: in 1990, 86.4 percent of state and local government outlays were noncapital expenditures.

**THE PRESIDENT'S 1994 BUDGET:
INFRASTRUCTURE PROPOSALS
FOR THE 1994-1998 PERIOD**

The President's budget proposal calls for \$49.0 billion in budget authority for federal infrastructure programs in 1994, a 3.5 percent decrease relative to the 1993 total of \$50.8 billion (see Table 4).⁶ But over the 1994-1998 period, the President's proposal would increase budget authority at an overall average annual rate of 1.6 percent. Furthermore, for 1995 through 1998, budget authority would rise for all infrastructure programs (save water supply and wastewater treatment in 1996 and 1997). In short, from 1994 through 1998,

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

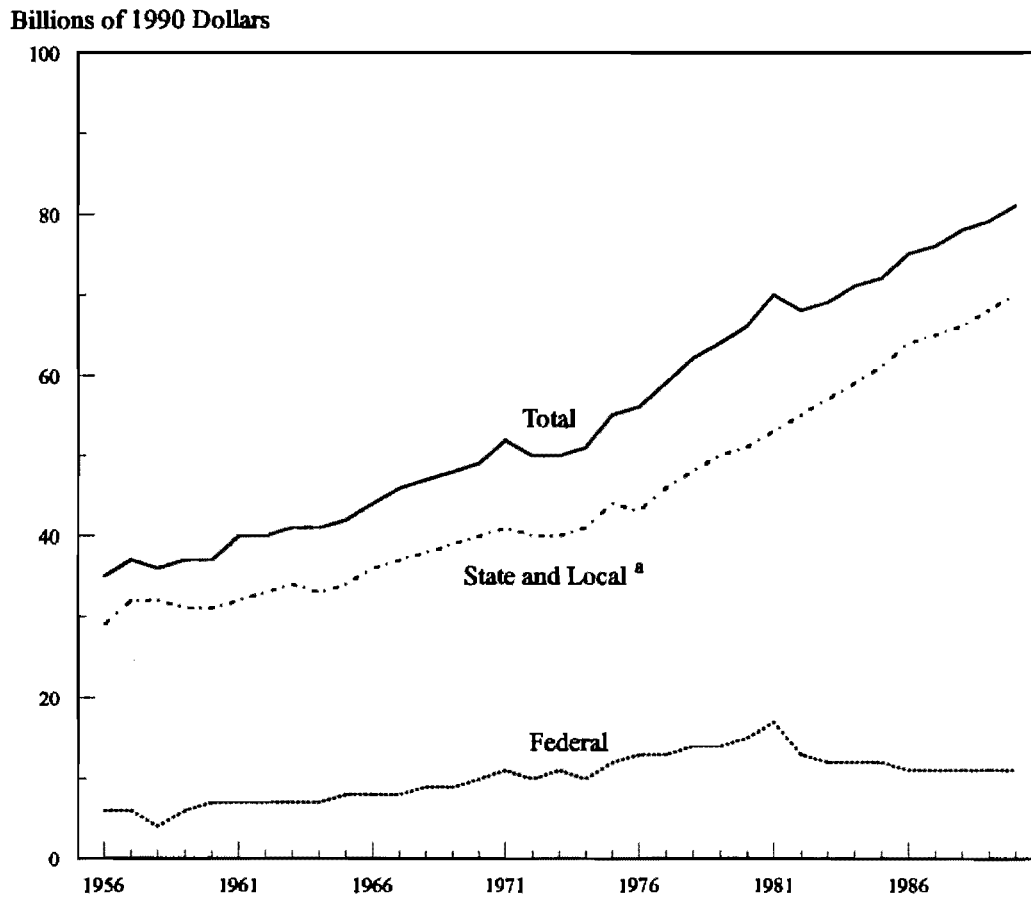
Figure 5.
Public Capital Spending for Infrastructure, 1956-1990



SOURCE: Congressional Budget Office.

a. State and local spending is net of federal grants and loans.

Figure 6.
Public Noncapital Spending for Infrastructure, 1956-1990



SOURCE: Congressional Budget Office.

a. State and local spending is net of federal grants and loans.

TABLE 4. BUDGET AUTHORITY FOR FEDERAL INFRASTRUCTURE PROGRAMS, 1993-1998 (In millions of nominal dollars)

	1993	1994	1995	1996	1997	1998	Total 1994-1998
All Types							
President's Budget	50,753	48,985	50,921	51,827	53,421	54,902	260,055
CBO Baseline	48,003	48,862	49,289	50,313	53,043	54,437	255,945
Difference							
Dollars	2,750	122	1,631	1,514	378	465	4,111
Percentage	5.7	0.3	3.3	3.0	0.7	0.9	1.6
Highways							
President's Budget	21,439	21,321	21,348	21,380	21,449	21,979	107,478
CBO Baseline	21,430	21,624	21,581	21,568	21,594	22,087	108,454
Difference							
Dollars	9	-302	-233	-188	-145	-108	-976
Percentage	0	-1.4	-1.1	-0.9	-0.7	-0.5	-0.9
Transit							
President's Budget	4,604	4,667	5,040	5,153	6,225	6,355	27,440
CBO Baseline	3,867	3,992	3,918	3,842	5,893	6,040	23,685
Difference							
Dollars	736	675	1,122	1,311	332	315	3,755
Percentage	19.0	16.9	28.6	34.1	5.6	5.2	15.9
Rail							
President's Budget	1,198	1,071	1,210	1,250	1,297	1,415	6,244
CBO Baseline	1,013	1,097	1,123	1,174	1,201	1,233	5,828
Difference							
Dollars	184	-25	87	76	96	182	416
Percentage	18.2	-2.3	7.7	6.5	8.0	14.8	7.1
Aviation							
President's Budget	10,466	10,863	11,100	11,508	11,845	12,152	57,468
CBO Baseline	10,461	10,838	11,184	11,520	11,867	12,226	57,636
Difference							
Dollars	5	26	-84	-12	-22	-74	-167
Percentage	0	0.2	-0.8	-0.1	-0.2	-0.6	-0.3

TABLE 4. CONTINUED

	1993	1994	1995	1996	1997	1998	Total 1994-1998
Water Transportation and Resources							
President's Budget	8,639	8,724	9,167	9,486	9,573	9,939	46,888
CBO Baseline	7,832	7,925	8,119	8,821	9,057	9,332	43,254
Difference							
Dollars	807	799	1,048	665	516	607	3,635
Percentage	10.3	10.1	12.9	7.5	5.7	6.5	8.4
Water Supply and Wastewater Treatment							
President's Budget	4,408	2,338	3,056	3,050	3,031	3,062	14,537
CBO Baseline	3,400	3,387	3,364	3,388	3,431	3,518	17,088
Difference							
Dollars	1,009	-1,049	-308	-338	-399	-457	-2,551
Percentage	29.7	-31.0	-9.2	-10.0	-11.6	-13.0	-14.9

SOURCE: Congressional Budget Office.

budget authority for more than 95 percent of all federal infrastructure programs would increase in nominal terms--at an average annual rate of between 0.5 percent and 6.7 percent.

Compared with CBO's baseline projections for budget authority, the President's proposal for all federal infrastructure spending in 1994 would constitute a 0.3 percent increase.⁷ For 1994 through 1998, the cumulative effect of the requested budget authority for all programs is 1.6 percent higher than the CBO baseline, for a net increase of \$4.1 billion. Relative to the baseline, the President's budget would increase spending authority for transit, rail, and water transportation and resources, with transit receiving the largest increases over the 1994-1998 period (the total rise would be \$3.8 billion). Authority over the period for highways and aviation would be cut by 0.9

7. CBO's baseline projections show the likely path of spending if current laws remain unchanged. For many infrastructure programs, the baseline primarily shows the amount of spending that would need to occur to keep pace with inflation. Therefore, the baseline does not project budget outcomes but instead provides an inflation-adjusted benchmark with which different policies can be compared.

All CBO baseline references are to the March 1993 baseline.

percent and 0.3 percent, respectively, and water supply and wastewater treatment would be cut by 14.9 percent.

Although budget authority is usually a good indicator of program direction, it does not properly measure proposals for changes in spending in many categories of infrastructure; proposed changes in outlays must also be considered (see Box 1). An examination of outlays and budget authority for federal infrastructure programs relative to CBO's baseline shows that outlays would increase more than budget authority.⁸ Under the President's 1994

Box 1.

Comparing Budget Authority and Outlays

In most cases, budget authority is a more accurate indicator of spending change than are outlays because authority measures the resources that are committed in a given year. In contrast, outlays may reflect resources committed in prior 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 funding intent, 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. The amount of contract authority that may be obligated in any one year is controlled by annual obligation ceilings. Increases in outlays for these programs are a direct result of increases in annual obligation ceilings rather than the level of budget authority. Therefore, outlays must be considered along with budget authority to show the direction of any change in spending for a program.

8. Transportation trust funds, such as Federal-Aid Highways, account for more than half of highway, transit, and rail spending and about 25 percent of aviation spending.

budget proposals, federal outlays would rise from \$45.4 billion in 1993 to \$48.2 billion in 1994, a 6.2 percent increase (see Table 5). Throughout the 1994-1998 period, outlays would grow at an average annual rate of 3.0 percent.

Outlays in the President's budget for 1994 through 1998 are higher than CBO's baseline for every category of spending except water supply and wastewater treatment (see Table 5). Compared with the baseline, the President's budget would increase total outlays by \$17.7 billion, a 7.5 percent increase over the five-year period. The greatest cumulative increases in spending under the President's proposal would be in the categories of transit (\$3.5 billion, or 18.8 percent, above CBO baseline levels) and rail (\$945 million, or 17.8 percent, above baseline levels).

Highways

The President's budget calls for \$21.3 billion in budget authority for highways in 1994, a decrease of 0.5 percent from \$21.4 billion in 1993. Relative to CBO's baseline, highway programs would be cut a total of \$976 million over the 1994-1998 period. But because many highway programs are funded through transportation trust funds for which the obligation ceilings would be increased, outlays would reflect actual changes in spending whereas budget authority (which has not been adjusted to show obligation ceilings) would not.

Outlays for highways under the President's proposal would increase 12.0 percent in 1994 to \$20.5 billion (from \$18.3 billion in 1993) and would grow at an annual rate of 2.9 percent. Although budget authority would be below baseline levels, outlays would be well above them--9.0 percent higher over the 1994-1998 period.

Mass Transit

In 1994, budget authority for mass transit would rise by 1.4 percent to \$4.7 billion. Between 1994 and 1998, the President's proposals would increase such authority by an average of 16.3 percent per year, the highest rate of growth of any category of infrastructure. By 1996, for example, authority for mass transit would be \$5.2 billion, or 34.1 percent above the CBO baseline.

TABLE 5. OUTLAYS FOR FEDERAL INFRASTRUCTURE PROGRAMS, 1993-1998
(In millions of nominal dollars)

	1993	1994	1995	1996	1997	1998	Total 1994-1998
All Types							
President's Budget	45,375	48,210	49,373	50,266	51,294	52,510	251,653
CBO Baseline	43,821	44,474	45,152	46,831	48,136	49,398	233,991
Difference							
Dollars	1,554	3,736	4,221	3,435	3,159	3,112	17,662
Percentage	3.5	8.4	9.3	7.3	6.6	6.3	7.5
Highways							
President's Budget	18,304	20,497	20,429	20,683	20,906	21,152	103,667
CBO Baseline	18,069	18,483	18,477	18,897	19,365	19,844	95,066
Difference							
Dollars	235	2,015	1,952	1,785	1,541	1,308	8,601
Percentage	1.3	10.9	10.6	9.4	8.0	6.6	9.0
Transit							
President's Budget	3,714	3,950	4,165	4,358	4,836	5,095	22,404
CBO Baseline	3,378	3,458	3,592	3,747	3,923	4,136	18,856
Difference							
Dollars	336	492	573	612	914	958	3,548
Percentage	9.9	14.2	16.0	16.3	23.3	23.2	18.8
Rail							
President's Budget	830	1,148	1,247	1,222	1,284	1,359	6,260
CBO Baseline	905	1,044	1,057	1,044	1,071	1,098	5,314
Difference							
Dollars	-75	104	190	178	213	260	945
Percentage	-8.3	10.0	17.9	17.1	19.9	23.7	17.8
Aviation							
President's Budget	10,081	10,306	11,004	11,181	11,565	11,920	55,975
CBO Baseline	9,960	10,224	10,619	10,997	11,363	11,708	54,911
Difference							
Dollars	121	82	385	183	203	212	1,065
Percentage	1.2	0.8	3.6	1.7	1.8	1.8	1.9

TABLE 5. CONTINUED

	1993	1994	1995	1996	1997	1998	Total 1994-1998
Water Transportation and Resources							
President's Budget	9,358	9,082	9,222	9,646	9,705	9,944	47,598
CBO Baseline	8,467	8,190	8,261	8,936	9,139	9,263	43,790
Difference							
Dollars	891	891	961	709	567	680	3,809
Percentage	10.5	10.9	11.6	7.9	6.2	7.3	8.7
Water Supply and Wastewater Treatment							
President's Budget	3,089	3,227	3,306	3,177	2,998	3,041	15,748
CBO Baseline	3,043	3,075	3,146	3,209	3,276	3,348	16,054
Difference							
Dollars	46	152	161	-33	-278	-308	-306
Percentage	1.5	5.0	5.1	-1.0	-8.5	-9.2	-1.9

SOURCE: Congressional Budget Office.

Growth rates of outlays for transit are also among the highest of any infrastructure category relative to baseline levels. Under the President's budget, outlays would grow at an average rate of 6.5 percent, with expenditures peaking in 1998 at \$5.1 billion. Mass transit outlays over the five-year period would be \$22.4 billion.

Rail

Although budget authority for this category would fall to \$1.1 billion in 1994 from \$1.2 billion in 1993 (a 10.6 percent decrease), it would rise to \$1.4 billion by 1998. The budget authority proposed by the President would be 2.3 percent below the CBO baseline in 1994, but by 1998 it would be above baseline levels by 14.8 percent.

Rail outlays, which have been sporadic throughout the past decade, would rise from 1994 through 1998. Under the President's budget, outlays would rise at an average annual rate of 10.4 percent, a rate higher than that for any other category of infrastructure except transit. In addition, the rail outlays that the President proposes would be above CBO baseline levels by \$945 million, or 17.8 percent, over the five-year period.

Aviation

Under the President's budget, growth in both budget authority and outlays for this category of infrastructure is comparable: they increase at average annual rates of 3.0 percent and 3.4 percent, respectively. Compared with CBO baseline levels, the President's budget authority is lower on average by approximately 0.3 percent each year. However, outlays for aviation would be above baseline levels, increasing cumulative spending by \$1.9 billion over the 1994-1998 period.

Water Transportation and Resources

The President's budget would increase budget authority in 1994 for water transportation and resources to \$8.7 billion from \$8.6 billion in 1993. Relative to the CBO baseline, budget authority under the President's proposal would be greater by 8.4 percent for the 1994-1998 period.

Outlays actually would fall in 1994 by 3.0 percent, but the President's budget calls for \$891 million more than the baseline estimate for that year. Overall, outlays under the President's budget for 1994 through 1998 would be \$3.8 billion (8.7 percent) above the CBO baseline.

Water Supply and Wastewater Treatment

Under the President's budget, budget authority would fall further for these two categories than for any other set of infrastructure programs--from \$4.4 billion in 1993 to \$2.3 billion in 1994, a decrease of 47.0 percent. Over the 1994-1998 period, budget authority for water supply and wastewater treatment would fall by \$2.6 billion, or 14.9 percent below CBO's baseline levels. Furthermore, the President's proposal relative to the baseline lowers authority in any given year by between 9.2 percent and 31.0 percent.

Similarly, spending for water supply and treatment would fall over the budget period, but not as drastically. Even though outlays under the President's plan would increase in 1994 to \$3.2 billion, over the 1994-1998 period they would fall at an average annual rate of 0.3 percent, ending at \$3.0 billion in 1998. Compared with the CBO baseline, a cumulative spending cut of \$306 million would occur.

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 this 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 6). This percentage was largest in 1965 (6.3 percent), with capital investment more than three times that of noncapital investment. By 1992, federal spending was 3.0 percent of the total budget, with capital spending only a little more than twice that of noncapital spending. In 1993, CBO estimates that federal investment in infrastructure will rise to 3.1 percent of the total federal budget.

Another comparison that analysts find useful is that of federal spending for infrastructure and gross domestic product.⁹ Throughout the 1960s and 1970s, federal spending for infrastructure averaged 1 percent of GDP (see Table 7). In 1980, total federal spending for infrastructure was 1.2 percent of GDP, the highest it has ever been. Since 1980, this ratio has declined steadily, reaching 0.67 percent in 1989. From 1990 to 1992, however, federal investment increased relative to GDP, and in 1993, federal spending as a percentage of GDP is again estimated to rise, but only by 0.04 percent.

CONCLUSION

Public infrastructure outlays have risen in real terms throughout most of the 1956-1990 period. Since the end of the 1980s, state and local governments have contributed approximately 75 percent of those outlays, and that trend is upheld by current patterns of spending. In 1992, the total federal share of spending for infrastructure, adjusted for inflation, was \$39.9 billion, a real increase of 6.9 percent over 1991 levels. The mix between capital and noncapital outlays remained about the same--70 percent capital investment, 30 percent noncapital investment. If the contributions of state and local governments remain at their historical levels, total public spending for infrastructure should also increase.

9. 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 6. FEDERAL SPENDING FOR INFRASTRUCTURE AS A PERCENTAGE OF ALL FEDERAL SPENDING, 1956-1993

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	2.98	2.02	0.96
1993 ^a	3.08	2.10	0.98

SOURCE: Congressional Budget Office.

a. Values for 1993 are estimated.

Based on the President's budget for 1994, budget authority for federal infrastructure programs would fall in 1994 (in nominal terms) by 3.5 percent (from \$50.8 billion in 1993 to \$49.0 billion in 1994). However, budget authority can be expected to rise (in nominal terms) by an average of 1.6 percent per year over the 1994-1998 period. Relative to the CBO baseline, federal infrastructure programs would receive a cumulative increase of \$4.1 billion over the five-year period, most of which would be attributable to higher levels of support for transit and water transportation and resources.

Outlays can also be expected to increase. In 1993, federal spending for infrastructure is expected to increase (in real terms) to \$43.0 billion, a 7.9 percent increase over 1992 levels. Under the President's budget, spending for all types of infrastructure would total \$251.7 billion (in nominal terms) from 1994 through 1998, with increases in all categories except wastewater treatment. Relative to the CBO baseline, those increases would represent a 7.5 percent rise, or a difference of \$17.7 billion between the President's budget and the CBO baseline over the five years. Most of the increase in spending during the 1994-1998 period would occur in three categories of infrastructure: highways, transit, and water transportation and resources. Overall, the changes in federal outlays would be front-loaded, with relatively more spending occurring in 1993 and 1994 compared with later years.

In short, under the President's proposals for both budget authority and outlays, spending for infrastructure (after accounting for inflation) would rise in total and for most programs during the 1994-1998 period.

TABLE 7. FEDERAL SPENDING FOR INFRASTRUCTURE AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT, 1956-1993

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	0.34
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	0.68	0.48	0.20
1992	0.70	0.48	0.23
1993 ^a	0.74	0.50	0.23

SOURCE: Congressional Budget Office.

a. Values for 1993 are estimated.

APPENDIX: SOURCES AND DEFINITIONS FOR INFRASTRUCTURE DATA

The Congressional Budget Office's infrastructure data base lists total public outlays for 1956 through 1990 by type of infrastructure and type of spending. The data base shows outlays by state and local governments for 1956 through 1990 and outlays by the federal government for 1956 through 1992. In addition, it provides estimates of federal spending for infrastructure for 1993 and for 1994 through 1998. 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 these 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 these 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 (ICC) handles cases for both rail and motor carriers. In the absence of better 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 1992, the deflators reflect the Bureau of Economic Analysis's (BEA's) benchmark revision of the national income and product accounts in

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.

December 1991 and the three-year revision of data (1989 through 1991) in July 1992. Because the latest BEA revision affected the 1990 data, the 1990 constant dollar variable-weighted deflators have changed. Thus, compared with the data presented in CBO's 1992 "Trends in Public Infrastructure" paper, the nominal dollar series (Tables A-1 through A-7) in this paper have not changed, but all 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 this 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 this 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 1993 through 1998, CBO's deflator estimates are based on continuing trends in each individual deflator relative to the gross domestic product deflator.

Sources for Federal Spending Data

Most of the data for the 1980-1992 period have simply been assembled from an Office of Management and Budget (OMB) data base that divides federal spending into the categories described above. The OMB data base 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 1993 through 1998 have been assembled from OMB data, unpublished CBO data, and the 1994 budget. They have been sorted into the same categories as the pre-1993 data, thus making the series comparable from 1956 through 1998.

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, 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 was 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.

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

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

reflect federal fiscal years. The adjustment assigns 25 percent of the spending in each state and local fiscal year to the preceding federal 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. This procedure will reduce the error caused by the inexact match between the two types of fiscal years.

TABLE A-1. INFRASTRUCTURE SPENDING BY FEDERAL, STATE, AND LOCAL GOVERNMENTS, 1956-1990 (In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	11,600	12,890	13,960	15,825	15,879	17,008
Capital	6,898	7,742	8,673	9,793	9,464	10,082
Other	4,702	5,149	5,288	6,032	6,415	6,926
Highways	6,999	7,857	8,577	9,609	9,460	9,867
Capital	4,654	5,211	5,761	6,641	6,340	6,476
Other	2,345	2,646	2,816	2,968	3,120	3,391
Mass Transit	580	596	628	647	683	688
Capital	109	120	134	102	94	120
Other	471	476	494	545	589	568
Rail	8	11	14	13	10	11
Capital	0	0	0	0	0	0
Other	8	11	14	13	10	11
Aviation	334	431	548	748	856	1,081
Capital	129	192	307	337	356	467
Other	205	239	241	411	500	614
Water Transport ^a	620	552	611	677	744	862
Capital	143	173	251	209	193	297
Other	477	379	360	468	551	565
Water Resources ^a	898	1,102	1,178	1,521	1,342	1,505
Capital	562	653	809	918	871	1,006
Other	336	449	369	603	471	499
Water Supply	1,327	1,436	1,472	1,600	1,681	1,892
Capital	712	748	761	878	843	990
Other	615	688	711	722	838	902
Wastewater Treatment	835	906	933	1,011	1,103	1,103
Capital	589	644	649	708	767	726
Other	246	262	284	303	336	377

TABLE A-1. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	17,763	19,191	19,966	21,181	22,459	23,882
Capital	10,753	11,535	12,093	12,728	13,363	14,148
Other	7,010	7,656	7,873	8,453	9,095	9,735
Highways	10,422	11,220	11,730	12,300	12,813	13,974
Capital	6,998	7,521	7,974	8,342	8,617	9,460
Other	3,424	3,699	3,756	3,958	4,196	4,514
Mass Transit	704	820	873	1,043	1,029	1,197
Capital	90	162	155	242	216	324
Other	614	658	718	801	813	873
Rail	26	12	15	29	26	41
Capital	0	0	0	0	0	0
Other	26	12	15	29	26	41
Aviation	1,133	1,159	1,175	1,286	1,332	1,443
Capital	416	356	322	343	322	351
Other	718	802	854	942	1,010	1,092
Water Transport ^a	908	941	935	993	1,012	1,068
Capital	366	343	311	303	346	359
Other	542	599	625	689	666	708
Water Resources ^a	1,445	1,643	1,721	1,737	2,128	2,239
Capital	1,084	1,229	1,289	1,253	1,449	1,530
Other	361	414	432	485	679	709
Water Supply	1,852	1,932	2,001	2,227	2,411	2,286
Capital	913	905	948	1,138	1,211	1,055
Other	939	1,027	1,053	1,089	1,200	1,231
Wastewater Treatment	1,272	1,464	1,515	1,567	1,707	1,635
Capital	886	1,019	1,095	1,107	1,202	1,069
Other	386	445	420	460	505	566

TABLE A-1. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	25,194	27,009	28,878	32,601	35,283	36,782
Capital	14,662	15,563	16,078	18,099	19,568	19,705
Other	10,532	11,446	12,800	14,502	15,715	17,077
Highways	14,584	15,542	16,571	18,264	19,226	18,811
Capital	9,731	10,292	10,780	11,906	12,367	11,500
Other	4,852	5,250	5,791	6,358	6,859	7,312
Mass Transit	1,453	1,633	1,623	1,892	2,195	2,814
Capital	443	559	366	446	495	920
Other	1,010	1,074	1,257	1,446	1,700	1,894
Rail	28	29	30	119	152	187
Capital	0	0	0	0	0	0
Other	28	29	30	119	152	187
Aviation	1,523	1,824	2,294	2,807	3,079	3,346
Capital	386	569	804	898	1,141	1,343
Other	1,137	1,255	1,490	1,909	1,939	2,003
Water Transport ^a	1,246	1,317	1,339	1,530	1,615	1,807
Capital	478	482	425	502	523	623
Other	768	836	914	1,028	1,092	1,184
Water Resources ^a	2,211	2,105	2,034	2,336	2,478	2,659
Capital	1,420	1,230	1,117	1,357	1,482	1,456
Other	792	875	917	979	997	1,203
Water Supply	2,417	2,665	2,821	3,007	3,278	3,555
Capital	1,097	1,225	1,201	1,247	1,358	1,435
Other	1,320	1,440	1,620	1,760	1,920	2,120
Wastewater Treatment	1,732	1,895	2,167	2,646	3,259	3,604
Capital	1,107	1,207	1,385	1,744	2,202	2,428
Other	625	688	782	902	1,057	1,176

TABLE A-1. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	39,508	46,593	50,164	13,065	54,036	58,531
Capital	20,812	24,315	25,545	6,226	25,649	26,910
Other	18,696	22,279	24,618	6,839	28,387	31,621
Highways	20,195	22,847	24,235	5,880	23,691	25,923
Capital	12,210	13,712	14,271	3,159	12,705	13,641
Other	7,986	9,135	9,964	2,721	10,987	12,281
Mass Transit	3,031	4,003	4,272	1,346	5,445	5,618
Capital	926	1,203	1,339	420	1,613	1,460
Other	2,105	2,800	2,933	925	3,832	4,158
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	3,274	3,544	3,763	890	3,866	4,369
Capital	1,036	1,094	1,029	203	868	1,072
Other	2,238	2,451	2,735	686	2,998	3,297
Water Transport ^a	1,937	2,166	2,241	604	2,491	2,607
Capital	682	757	653	161	672	741
Other	1,254	1,409	1,588	443	1,819	1,867
Water Resources ^a	2,688	3,214	3,414	978	3,893	4,193
Capital	1,551	1,834	1,901	584	2,233	2,183
Other	1,137	1,380	1,513	394	1,660	2,009
Water Supply	4,083	4,797	5,220	1,399	5,711	6,323
Capital	1,743	2,111	2,208	512	2,071	2,281
Other	2,340	2,686	3,012	887	3,640	4,042
Wastewater Treatment	4,080	5,262	5,937	1,763	7,074	7,556
Capital	2,640	3,569	3,955	1,165	4,587	4,679
Other	1,440	1,693	1,982	598	2,488	2,877

TABLE A-1. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	67,785	77,764	84,757	85,749	90,490	96,527
Capital	32,619	38,088	38,429	37,481	38,683	41,152
Other	35,166	39,676	46,328	48,268	51,807	55,376
Highways	30,014	34,035	34,967	35,409	37,679	41,112
Capital	16,529	19,264	19,118	18,338	19,083	21,200
Other	13,484	14,771	15,850	17,071	18,595	19,912
Mass Transit	6,529	7,924	9,791	11,316	12,560	13,260
Capital	1,694	2,095	2,731	3,208	3,679	3,863
Other	4,835	5,829	7,061	8,109	8,881	9,397
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	4,853	5,693	6,118	6,089	6,704	7,346
Capital	1,317	1,720	1,760	1,742	1,888	2,183
Other	3,536	3,973	4,358	4,347	4,816	5,163
Water Transport ^a	3,040	3,480	3,856	4,082	4,390	4,370
Capital	947	1,199	1,288	1,188	1,296	1,161
Other	2,093	2,281	2,568	2,893	3,093	3,209
Water Resources ^a	4,901	5,656	5,728	5,539	5,749	5,992
Capital	2,400	2,827	2,728	2,936	2,865	3,063
Other	2,502	2,830	3,000	2,603	2,884	2,929
Water Supply	7,386	8,515	9,613	10,339	10,946	11,308
Capital	2,860	3,447	3,760	3,722	3,725	3,618
Other	4,526	5,068	5,853	6,617	7,221	7,689
Wastewater Treatment	9,070	10,200	11,042	10,914	11,308	11,683
Capital	5,782	6,432	6,664	5,893	5,771	5,729
Other	3,287	3,768	4,378	5,021	5,538	5,954

TABLE A-1. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	105,789	115,447	123,046	130,866	138,034	146,957
Capital	46,429	52,115	55,709	59,700	62,015	65,930
Other	59,360	63,332	67,337	71,166	76,019	81,027
Highways	46,363	50,369	53,439	56,571	59,104	62,230
Capital	24,634	27,181	29,125	31,927	33,047	34,320
Other	21,728	23,188	24,315	24,645	26,057	27,910
Mass Transit	13,852	14,697	15,562	16,293	17,142	18,291
Capital	3,830	3,904	4,095	4,106	4,683	5,511
Other	10,021	10,793	11,467	12,187	12,459	12,780
Rail	1,072	908	829	598	623	558
Capital	336	136	148	0	-6	-48
Other	736	772	681	598	629	606
Aviation	7,979	8,846	9,598	10,523	11,423	12,578
Capital	2,454	3,101	3,604	4,065	4,204	4,829
Other	5,524	5,744	5,993	6,458	7,219	7,749
Water Transport ^a	4,740	5,672	5,207	4,942	4,823	5,119
Capital	1,514	2,559	1,721	1,349	1,064	1,207
Other	3,226	3,112	3,486	3,593	3,759	3,912
Water Resources ^a	6,451	6,628	7,103	8,699	9,440	10,207
Capital	3,249	3,233	3,457	3,833	4,194	4,693
Other	3,202	3,395	3,645	4,866	5,247	5,514
Water Supply	12,919	14,660	16,106	16,757	18,140	19,437
Capital	4,403	5,355	6,028	6,132	6,497	6,959
Other	8,516	9,305	10,078	10,625	11,642	12,478
Wastewater Treatment	12,466	13,696	15,228	16,506	17,356	18,538
Capital	6,060	6,672	7,555	8,311	8,346	8,460
Other	6,407	7,024	7,674	8,195	9,010	10,077

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, 1956-1998
(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 Transport ^a	420	365	392	436	508	569
Capital	37	66	113	56	57	104
Other	383	299	279	380	451	465
Water Resources ^a	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

TABLE A--2. 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 Transport ^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

TABLE A-2. 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 Transport ^a	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 ^a	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

TABLE A-2. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	13,191	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 Transport^a	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^a	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

TABLE A-2. 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 Transport ^a	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 ^a	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

TABLE A-2. 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 Transport ^a	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 ^a	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

TABLE A-2. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	38,294	41,237	45,375	48,210	49,373	50,266
Capital	26,785	27,928	30,976	33,144	33,978	34,918
Other	11,509	13,309	14,399	15,067	15,396	15,347
Highways	14,862	15,793	18,304	20,497	20,429	20,683
Capital	14,267	15,080	17,468	19,543	19,475	19,690
Other	596	714	836	954	954	992
Mass Transit	3,912	3,667	3,714	3,950	4,165	4,358
Capital	3,218	2,763	2,796	2,995	3,314	3,624
Other	694	904	918	955	851	734
Rail	807	928	830	1,148	1,247	1,222
Capital	228	357	208	425	489	458
Other	579	571	622	723	758	764
Aviation	8,184	9,313	10,081	10,306	11,004	11,181
Capital	3,094	3,703	4,199	4,213	4,474	4,616
Other	5,090	5,610	5,881	6,093	6,530	6,564
Water Transport^a	3,148	3,539	3,844	4,019	4,079	4,179
Capital	265	358	427	415	411	425
Other	2,882	3,181	3,418	3,603	3,668	3,753
Water Resources^a	4,366	4,957	5,514	5,063	5,143	5,467
Capital	2,697	2,628	2,790	2,325	2,509	2,928
Other	1,669	2,330	2,724	2,738	2,634	2,539
Water Supply	407	402	425	430	441	503
Capital	407	402	425	430	441	503
Other	0	0	0	0	0	0
Wastewater Treatment	2,608	2,637	2,664	2,797	2,865	2,674
Capital	2,608	2,637	2,664	2,797	2,865	2,674
Other	0	0	0	0	0	0

TABLE A-2. CONTINUED

	1997	1998
All Categories	51,294	52,510
Capital	34,839	35,904
Other	16,456	16,606
Highways	20,906	21,152
Capital	19,901	20,132
Other	1,005	1,020
Mass Transit	4,836	5,095
Capital	3,126	3,379
Other	1,710	1,715
Rail	1,284	1,359
Capital	484	564
Other	800	795
Aviation	11,565	11,920
Capital	4,791	4,926
Other	6,775	6,994
Water Transport ^a	4,256	4,235
Capital	442	455
Other	3,814	3,781
Water Resources ^a	5,449	5,708
Capital	3,098	3,409
Other	2,351	2,300
Water Supply	451	488
Capital	451	488
Other	0	0
Wastewater Treatment	2,547	2,553
Capital	2,547	2,553
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

- 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-3. DIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1998
(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 Transport ^a	420	365	392	436	507	569
Capital	37	66	113	56	57	104
Other	383	299	279	380	450	465
Water Resources ^a	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

TABLE A-3. 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 Transport ^a	616	654	644	717	694	749
Capital	181	151	138	144	153	175
Other	435	504	507	572	541	573
Water Resources ^a	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

TABLE A-3. 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 Transport ^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

TABLE A-3. 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 Transport ^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

TABLE A-3. 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 Transport ^a	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 ^a	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

TABLE A-3. 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 Transport ^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 ^a	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

TABLE A-3. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	15,250	17,150	18,595	19,154	19,549	19,710
Capital	4,656	4,945	5,343	5,309	5,849	6,368
Other	10,595	12,204	13,252	13,845	13,699	13,342
Highways	428	544	630	695	665	658
Capital	53	42	41	21	13	1
Other	375	502	589	674	652	657
Mass Transit	40	49	56	55	-501	-893
Capital	0	0	0	0	0	0
Other	40	49	56	55	-501	-893
Rail	799	914	812	1,118	1,234	1,221
Capital	226	343	190	394	476	457
Other	574	571	622	723	758	764
Aviation	6,643	7,641	7,975	8,410	9,092	9,240
Capital	1,553	2,031	2,094	2,317	2,562	2,676
Other	5,090	5,610	5,881	6,093	6,530	6,564
Water Transport ^a	3,113	3,502	3,808	3,981	4,041	4,140
Capital	265	358	426	415	411	425
Other	2,847	3,144	3,382	3,566	3,630	3,715
Water Resources ^a	4,227	4,844	5,314	4,896	5,018	5,344
Capital	2,559	2,515	2,592	2,162	2,388	2,809
Other	1,669	2,329	2,722	2,734	2,630	2,535
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

TABLE A-3. CONTINUED

	1997	1998
All Categories	21,754	22,254
Capital	6,708	7,183
Other	15,046	15,071
Highways	656	665
Capital	1	c
Other	656	664
Mass Transit	693	582
Capital	0	0
Other	693	582
Rail	1,283	1,358
Capital	483	563
Other	800	795
Aviation	9,587	9,897
Capital	2,812	2,902
Other	6,775	6,994
Water Transport ^a	4,217	4,193
Capital	441	454
Other	3,776	3,739
Water Resources ^a	5,319	5,560
Capital	2,971	3,264
Other	2,347	2,296
Water Supply	0	0
Capital	0	0
Other	0	0
Wastewater Treatment	0	0
Capital	0	0
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

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-4. INDIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1998
(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 Transport ^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

TABLE A-4. 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 Transport^a	1	c	1	1	c	c
Capital	0	0	0	0	0	0
Other	1	c	1	1	c	c
Water Resources^a	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	0	13
Capital	0	0	0	0	0	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

TABLE A-4. 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 Transport ^a	c	c	c	c	3	5
Capital	0	0	0	0	0	0
Other	c	c	c	c	3	5
Water Resources ^a	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

TABLE A-4. 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 Transport^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

TABLE A-4. 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 Transport ^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

TABLE A-4. 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 Transport ^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

TABLE A-4. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	23,044	24,087	26,780	29,056	29,825	30,556
Capital	22,130	22,983	25,633	27,834	28,128	28,551
Other	915	1,105	1,146	1,221	1,696	2,005
Highways	14,434	15,249	17,674	19,803	19,765	20,025
Capital	14,213	15,038	17,426	19,522	19,462	19,689
Other	221	212	247	280	303	336
Mass Transit	3,872	3,618	3,658	3,895	4,666	5,251
Capital	3,218	2,763	2,796	2,995	3,314	3,624
Other	654	855	862	899	1,352	1,627
Rail	8	14	17	30	13	1
Capital	3	14	17	30	13	1
Other	5	0	0	0	0	0
Aviation	1,541	1,672	2,106	1,895	1,912	1,940
Capital	1,541	1,672	2,106	1,895	1,912	1,940
Other	0	0	0	0	0	0
Water Transport ^a	35	37	36	38	38	39
Capital	0	c	c	c	c	c
Other	35	36	35	37	37	39
Water Resources ^a	139	114	200	168	125	123
Capital	139	113	198	164	121	119
Other	0	1	1	4	4	4
Water Supply	407	402	425	430	441	503
Capital	407	402	425	430	441	503
Other	0	0	0	0	0	0
Wastewater Treatment	2,608	2,637	2,664	2,797	2,865	2,674
Capital	2,608	2,637	2,664	2,797	2,865	2,674
Other	0	0	0	0	0	0

TABLE A-4. CONTINUED

	1997	1998
All Categories	29,540	30,256
Capital	28,130	28,721
Other	1,410	1,535
Highways	20,250	20,488
Capital	19,900	20,132
Other	349	356
Mass Transit	4,144	4,512
Capital	3,126	3,379
Other	1,018	1,133
Rail	1	1
Capital	1	1
Other	0	0
Aviation	1,978	2,023
Capital	1,978	2,023
Other	0	0
Water Transport ^a	39	42
Capital	c	c
Other	39	42
Water Resources ^a	130	149
Capital	126	145
Other	4	4
Water Supply	451	488
Capital	451	488
Other	0	0
Wastewater Treatment	2,547	2,553
Capital	2,547	2,553
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

- 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-5. STATE AND LOCAL SPENDING FOR INFRASTRUCTURE,
NET OF FEDERAL GRANTS AND LOANS, 1956-1990
(In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	9,439	10,382	10,760	11,002	10,554	11,647
Capital	5,560	6,062	6,179	6,096	5,397	6,113
Other	3,879	4,320	4,581	4,906	5,157	5,535
Highways	6,223	6,862	7,049	6,979	6,486	7,221
Capital	3,925	4,261	4,250	4,040	3,413	3,866
Other	2,298	2,601	2,799	2,939	3,073	3,355
Mass Transit	580	596	628	647	683	688
Capital	109	120	134	102	94	120
Other	471	476	494	545	589	568
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	154	211	232	251	285	357
Capital	102	147	211	173	186	249
Other	52	64	21	78	99	108
Water Transport ^a	200	187	219	241	236	293
Capital	106	107	138	153	136	193
Other	94	80	81	88	100	100
Water Resources ^a	120	187	247	310	120	137
Capital	17	37	55	78	-1	13
Other	104	150	192	232	121	125
Water Supply	1,327	1,436	1,472	1,600	1,681	1,892
Capital	712	748	761	878	843	990
Other	615	688	711	722	838	902
Wastewater Treatment	835	904	914	975	1,063	1,059
Capital	589	642	630	672	727	682
Other	246	262	284	303	336	377

TABLE A-5. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	12,122	13,078	13,180	13,770	14,926	16,150
Capital	6,446	6,916	6,851	7,099	7,652	8,343
Other	5,675	6,162	6,329	6,671	7,274	7,807
Highways	7,574	8,127	8,020	8,203	8,769	9,904
Capital	4,209	4,495	4,333	4,326	4,619	5,460
Other	3,365	3,632	3,687	3,877	4,150	4,444
Mass Transit	703	816	867	1,031	1,008	1,152
Capital	90	160	150	231	200	282
Other	613	656	717	800	808	870
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	315	307	294	344	371	401
Capital	195	171	153	190	203	224
Other	120	136	141	154	168	177
Water Transport ^a	291	287	290	275	318	319
Capital	185	192	173	159	193	184
Other	106	95	117	116	125	135
Water Resources ^a	156	196	260	192	424	554
Capital	10	26	66	17	105	170
Other	146	171	195	174	319	384
Water Supply	1,852	1,932	2,001	2,227	2,411	2,273
Capital	913	905	948	1,138	1,211	1,042
Other	939	1,027	1,053	1,089	1,200	1,231
Wastewater Treatment	1,230	1,412	1,449	1,497	1,625	1,546
Capital	844	967	1,029	1,037	1,120	980
Other	386	445	420	460	505	566

TABLE A-5. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	17,035	18,651	20,054	22,174	24,366	24,772
Capital	8,645	9,558	9,940	10,995	12,104	11,594
Other	8,390	9,093	10,114	11,178	12,262	13,178
Highways	10,286	11,256	12,029	13,395	14,311	13,807
Capital	5,578	6,152	6,448	7,285	7,722	6,752
Other	4,708	5,104	5,581	6,110	6,589	7,055
Mass Transit	1,384	1,485	1,499	1,680	1,879	2,322
Capital	377	418	247	259	236	562
Other	1,007	1,067	1,252	1,421	1,643	1,760
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	439	618	886	1,000	1,172	1,187
Capital	251	382	608	673	801	779
Other	188	236	278	327	371	408
Water Transport ^a	406	461	444	504	521	596
Capital	264	292	258	303	305	347
Other	142	169	186	201	216	249
Water Resources ^a	568	514	520	567	530	439
Capital	167	124	104	110	63	30
Other	401	390	416	458	467	409
Water Supply	2,362	2,584	2,720	2,897	3,151	3,520
Capital	1,042	1,144	1,100	1,137	1,231	1,400
Other	1,320	1,440	1,620	1,760	1,920	2,120
Wastewater Treatment	1,591	1,733	1,957	2,131	2,803	2,901
Capital	966	1,045	1,175	1,229	1,746	1,725
Other	625	688	782	902	1,057	1,176

TABLE A-5. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	26,317	30,814	30,687	7,824	31,827	35,661
Capital	11,654	13,671	12,072	2,459	10,072	11,474
Other	14,664	17,143	18,615	5,365	21,755	24,187
Highways	15,390	17,789	17,523	4,073	17,296	19,530
Capital	7,730	9,020	7,952	1,488	6,634	7,698
Other	7,660	8,769	9,571	2,586	10,662	11,832
Mass Transit	2,441	2,897	2,780	1,007	3,445	3,441
Capital	423	339	393	155	306	102
Other	2,018	2,558	2,387	852	3,139	3,340
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,058	1,157	1,232	311	1,079	1,126
Capital	569	560	533	124	309	262
Other	489	597	699	187	771	864
Water Transport^a	621	736	700	189	750	820
Capital	350	419	350	88	342	378
Other	271	317	350	101	408	443
Water Resources^a	488	606	672	173	681	762
Capital	42	83	58	19	33	-28
Other	446	523	614	155	648	790
Water Supply	3,910	4,586	4,850	1,290	5,289	5,858
Capital	1,570	1,900	1,838	403	1,649	1,816
Other	2,340	2,686	3,012	887	3,640	4,042
Wastewater Treatment	2,433	3,211	3,309	785	3,317	4,119
Capital	993	1,518	1,327	187	830	1,242
Other	1,440	1,693	1,982	598	2,488	2,877

TABLE A-5. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	41,728	46,775	52,271	56,298	61,467	65,395
Capital	14,456	16,198	17,717	18,005	19,187	19,813
Other	27,272	30,577	34,554	38,293	42,280	45,582
Highways	22,430	24,396	25,453	27,125	28,470	30,301
Capital	9,441	10,177	10,191	10,535	10,300	10,816
Other	12,990	14,219	15,262	16,590	18,171	19,485
Mass Transit	3,987	4,617	5,878	7,387	8,801	9,448
Capital	-6	57	138	619	897	749
Other	3,993	4,560	5,740	6,767	7,905	8,699
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,498	1,970	2,304	2,563	2,703	2,930
Capital	516	812	953	1,044	1,056	1,135
Other	982	1,158	1,351	1,519	1,647	1,795
Water Transport ^a	1,071	1,251	1,475	1,394	1,421	1,360
Capital	575	687	833	703	684	618
Other	496	564	642	692	737	741
Water Resources ^a	1,048	1,434	1,596	1,591	1,845	1,921
Capital	50	192	265	478	647	700
Other	999	1,241	1,332	1,113	1,198	1,221
Water Supply	6,775	7,786	8,875	9,581	10,388	10,766
Capital	2,249	2,718	3,022	2,964	3,167	3,077
Other	4,526	5,068	5,853	6,617	7,221	7,689
Wastewater Treatment	4,985	5,464	6,763	6,750	8,025	8,769
Capital	1,697	1,696	2,385	1,729	2,487	2,815
Other	3,287	3,768	4,378	5,021	5,538	5,954

TABLE A-5. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	72,146	79,516	90,191	96,732	103,540	110,230
Capital	22,763	25,751	32,658	35,690	38,300	40,198
Other	49,383	53,765	57,533	61,041	65,240	70,032
Highways	33,252	35,950	40,471	42,335	45,373	47,646
Capital	11,951	13,214	16,691	18,222	19,823	20,327
Other	21,301	22,736	23,780	24,112	25,550	27,320
Mass Transit	10,425	11,298	12,209	12,977	13,549	14,461
Capital	1,410	1,175	1,543	1,711	2,016	2,369
Other	9,015	10,123	10,666	11,267	11,533	12,092
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	3,083	3,558	4,078	4,626	4,800	5,345
Capital	1,163	1,436	1,764	2,088	1,948	2,257
Other	1,920	2,122	2,314	2,538	2,853	3,088
Water Transport ^a	1,539	1,707	1,747	1,831	1,907	1,968
Capital	765	900	878	919	938	936
Other	774	808	869	913	969	1,032
Water Resources ^a	2,329	2,587	3,320	4,665	5,169	5,806
Capital	878	938	1,165	1,272	1,483	1,860
Other	1,451	1,650	2,155	3,393	3,686	3,946
Water Supply	12,323	14,141	16,092	16,478	17,888	18,996
Capital	3,808	4,835	6,014	5,853	6,245	6,517
Other	8,516	9,305	10,078	10,625	11,642	12,478
Wastewater Treatment	9,246	10,304	12,301	13,842	14,871	16,010
Capital	2,839	3,280	4,627	5,646	5,861	5,933
Other	6,407	7,024	7,674	8,195	9,010	10,077

SOURCE: Congressional Budget Office.

NOTE: n.a. = not applicable.

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, 1956-1990 (In millions of nominal dollars)

	1956	1957	1958	1959	1960	1961
All Categories	10,200	11,373	12,358	13,732	13,627	14,412
Capital	6,321	7,048	7,769	8,813	8,455	8,864
Other	3,880	4,325	4,589	4,919	5,172	5,548
Highways	6,952	7,816	8,567	9,592	9,428	9,844
Capital	4,654	5,211	5,761	6,641	6,340	6,476
Other	2,298	2,605	2,806	2,951	3,088	3,368
Mass Transit	580	596	628	647	683	688
Capital	109	120	134	102	94	120
Other	471	476	494	545	589	568
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	171	232	275	308	342	422
Capital	119	168	254	230	243	314
Other	52	64	21	78	99	108
Water Transport ^a	200	187	219	241	237	293
Capital	106	107	138	153	136	193
Other	94	80	81	88	101	100
Water Resources ^a	135	200	264	333	153	170
Capital	32	50	72	101	32	45
Other	104	150	192	232	121	125
Water Supply	1,327	1,436	1,472	1,600	1,681	1,892
Capital	712	748	761	878	843	990
Other	615	688	711	722	838	902
Wastewater Treatment	835	906	933	1,011	1,103	1,103
Capital	589	644	649	708	767	726
Other	246	262	284	303	336	377

TABLE A-6. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	15,044	16,281	17,027	18,011	19,173	20,478
Capital	9,354	10,087	10,671	11,307	11,851	12,606
Other	5,690	6,194	6,357	6,704	7,321	7,872
Highways	10,357	11,150	11,664	12,221	12,770	13,933
Capital	6,978	7,503	7,959	8,324	8,598	9,444
Other	3,379	3,647	3,705	3,897	4,172	4,489
Mass Transit	703	818	872	1,042	1,024	1,194
Capital	90	162	155	242	216	324
Other	613	656	717	800	808	870
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	373	359	359	415	425	465
Capital	253	223	218	261	257	288
Other	120	136	141	154	168	177
Water Transport ^a	292	287	291	276	318	319
Capital	185	192	173	159	193	184
Other	107	95	118	117	125	135
Water Resources ^a	195	271	325	263	518	646
Capital	49	83	123	76	174	242
Other	146	188	203	187	343	404
Water Supply	1,852	1,932	2,001	2,227	2,411	2,286
Capital	913	905	948	1,138	1,211	1,055
Other	939	1,027	1,053	1,089	1,200	1,231
Wastewater Treatment	1,272	1,464	1,515	1,567	1,707	1,635
Capital	886	1,019	1,095	1,107	1,202	1,069
Other	386	445	420	460	505	566

TABLE A-6. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	21,652	23,384	25,064	27,831	30,129	31,023
Capital	13,184	14,230	14,841	16,544	17,763	17,727
Other	8,468	9,154	10,222	11,287	12,367	13,295
Highways	14,483	15,418	16,427	18,095	19,021	18,615
Capital	9,716	10,273	10,762	11,888	12,340	11,459
Other	4,767	5,145	5,665	6,207	6,681	7,156
Mass Transit	1,451	1,627	1,619	1,870	2,142	2,689
Capital	443	559	366	446	495	920
Other	1,008	1,068	1,253	1,424	1,647	1,769
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	514	722	969	1,061	1,277	1,419
Capital	326	486	691	734	906	1,011
Other	188	236	278	327	371	408
Water Transport^a	406	461	444	504	524	601
Capital	264	292	258	303	305	347
Other	142	169	186	201	219	254
Water Resources^a	649	596	617	648	628	540
Capital	231	188	178	182	157	127
Other	418	408	438	466	472	412
Water Supply	2,417	2,665	2,821	3,007	3,278	3,555
Capital	1,097	1,225	1,201	1,247	1,358	1,435
Other	1,320	1,440	1,620	1,760	1,920	2,120
Wastewater Treatment	1,732	1,895	2,167	2,646	3,259	3,604
Capital	1,107	1,207	1,385	1,744	2,202	2,428
Other	625	688	782	902	1,057	1,176

TABLE A-6. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	33,598	39,255	42,287	10,995	44,591	48,464
Capital	18,776	21,989	23,048	5,524	22,083	23,330
Other	14,822	17,266	19,239	5,471	22,507	25,134
Highways	19,948	22,528	23,907	5,764	23,445	25,567
Capital	12,154	13,646	14,209	3,139	12,640	13,565
Other	7,794	8,882	9,698	2,626	10,805	12,002
Mass Transit	2,960	3,761	4,212	1,337	5,351	5,563
Capital	926	1,203	1,339	420	1,613	1,460
Other	2,034	2,558	2,873	917	3,738	4,103
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,301	1,449	1,501	337	1,414	1,689
Capital	812	852	802	150	644	824
Other	489	597	699	187	771	864
Water Transport^a	625	741	705	190	757	827
Capital	350	419	350	88	342	378
Other	275	322	355	102	415	449
Water Resources^a	601	717	805	206	839	940
Capital	151	189	185	52	188	143
Other	450	528	620	155	651	797
Water Supply	4,083	4,797	5,220	1,399	5,711	6,323
Capital	1,743	2,111	2,208	512	2,071	2,281
Other	2,340	2,686	3,012	887	3,640	4,042
Wastewater Treatment	4,080	5,262	5,937	1,763	7,074	7,556
Capital	2,640	3,569	3,955	1,165	4,587	4,679
Other	1,440	1,693	1,982	598	2,488	2,877

TABLE A-6. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	56,923	65,539	70,894	73,608	78,703	84,113
Capital	28,639	33,528	34,818	33,858	35,219	37,732
Other	28,284	32,012	36,076	39,750	43,484	46,380
Highways	29,659	33,634	34,582	35,053	37,346	40,811
Capital	16,459	19,183	19,045	18,290	19,038	21,176
Other	13,200	14,451	15,537	16,763	18,308	19,635
Mass Transit	6,479	7,846	9,707	11,234	12,510	13,197
Capital	1,694	2,095	2,731	3,208	3,679	3,863
Other	4,785	5,751	6,976	8,026	8,831	9,334
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	2,055	2,561	2,773	2,901	3,156	3,624
Capital	1,072	1,403	1,422	1,382	1,509	1,829
Other	982	1,158	1,351	1,519	1,647	1,795
Water Transport ^a	1,076	1,253	1,475	1,394	1,426	1,370
Capital	575	687	833	703	684	618
Other	501	567	642	692	742	752
Water Resources ^a	1,200	1,530	1,702	1,773	2,012	2,119
Capital	198	281	363	659	814	898
Other	1,002	1,249	1,339	1,113	1,198	1,221
Water Supply	7,386	8,515	9,613	10,339	10,946	11,308
Capital	2,860	3,447	3,760	3,722	3,725	3,618
Other	4,526	5,068	5,853	6,617	7,221	7,689
Wastewater Treatment	9,070	10,200	11,042	10,914	11,308	11,683
Capital	5,782	6,432	6,664	5,893	5,771	5,729
Other	3,287	3,768	4,378	5,021	5,538	5,954

TABLE A-6. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	93,243	102,032	110,163	117,835	124,589	132,558
Capital	42,737	47,446	51,682	55,718	58,185	61,641
Other	50,506	54,586	58,482	62,117	66,405	70,917
Highways	46,084	50,076	53,055	56,239	58,835	61,821
Capital	24,627	27,170	29,104	31,915	33,033	34,290
Other	21,457	22,906	23,951	24,324	25,802	27,531
Mass Transit	13,799	14,653	15,514	16,204	17,099	18,249
Capital	3,830	3,904	4,095	4,106	4,683	5,511
Other	9,969	10,749	11,419	12,098	12,416	12,738
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	3,872	4,412	4,995	5,451	5,935	6,565
Capital	1,952	2,290	2,681	2,914	3,082	3,477
Other	1,920	2,122	2,314	2,538	2,853	3,088
Water Transport ^a	1,551	1,730	1,768	1,862	1,935	1,994
Capital	765	900	878	919	938	936
Other	786	830	891	943	996	1,058
Water Resources ^a	2,551	2,805	3,497	4,816	5,291	5,955
Capital	1,100	1,155	1,342	1,423	1,605	2,009
Other	1,451	1,650	2,155	3,393	3,686	3,946
Water Supply	12,919	14,660	16,106	16,757	18,140	19,437
Capital	4,403	5,355	6,028	6,132	6,497	6,959
Other	8,516	9,305	10,078	10,625	11,642	12,478
Wastewater Treatment	12,466	13,696	15,228	16,506	17,356	18,538
Capital	6,060	6,672	7,555	8,311	8,346	8,460
Other	6,407	7,024	7,674	8,195	9,010	10,077

SOURCE: Congressional Budget Office.

NOTE: n.a. = not applicable.

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

b. Transition quarter.

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

	1956	1957	1958	1959	1960	1961
All Categories	66,892	71,836	73,967	78,022	76,534	81,329
Capital	32,318	34,462	37,778	40,941	39,105	41,611
Other	34,574	37,374	36,188	37,081	37,429	39,719
Highways	39,465	42,851	44,831	46,564	44,965	46,815
Capital	21,954	23,366	25,309	27,990	26,426	26,992
Other	17,511	19,485	19,522	18,575	18,540	19,823
Mass Transit	4,038	4,049	4,014	3,843	3,896	3,823
Capital	514	538	589	430	392	500
Other	3,524	3,511	3,426	3,413	3,504	3,323
Rail	51	70	84	71	54	55
Capital	0	0	0	0	0	0
Other	51	70	84	71	54	55
Aviation	2,026	2,487	2,848	3,751	4,184	5,194
Capital	605	854	1,331	1,386	1,447	1,894
Other	1,421	1,633	1,517	2,365	2,737	3,300
Water Transport ^a	3,944	3,326	3,364	3,555	3,800	4,235
Capital	660	752	1,062	862	785	1,203
Other	3,283	2,575	2,302	2,693	3,015	3,033
Water Resources ^a	4,789	5,804	5,731	7,136	5,941	6,572
Capital	2,447	2,710	3,293	3,590	3,345	3,869
Other	2,342	3,093	2,437	3,546	2,596	2,703
Water Supply	7,960	8,429	8,274	8,222	8,499	9,403
Capital	3,359	3,354	3,343	3,700	3,514	4,126
Other	4,602	5,075	4,930	4,521	4,985	5,277
Wastewater Treatment	4,619	4,820	4,821	4,881	5,196	5,231
Capital	2,778	2,888	2,851	2,984	3,197	3,026
Other	1,841	1,933	1,969	1,897	1,999	2,206

TABLE A-7. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	82,446	85,192	86,861	90,444	93,027	95,769
Capital	42,766	44,043	46,135	47,997	49,439	50,055
Other	39,680	41,149	40,726	42,447	43,588	45,714
Highways	47,848	49,243	50,492	51,999	52,662	55,359
Capital	28,120	29,006	30,708	31,738	32,168	33,761
Other	19,728	20,237	19,783	20,260	20,494	21,597
Mass Transit	3,902	4,230	4,383	5,025	4,777	5,335
Capital	362	625	597	921	807	1,157
Other	3,540	3,605	3,786	4,104	3,970	4,179
Rail	133	58	72	135	117	175
Capital	0	0	0	0	0	0
Other	133	58	72	135	117	175
Aviation	5,415	5,365	5,336	5,710	5,710	6,026
Capital	1,619	1,333	1,206	1,282	1,182	1,235
Other	3,797	4,033	4,129	4,429	4,528	4,792
Water Transport ^a	4,291	4,280	4,183	4,352	4,239	4,351
Capital	1,414	1,274	1,154	1,109	1,247	1,232
Other	2,877	3,006	3,029	3,243	2,992	3,119
Water Resources ^a	5,982	6,529	6,759	6,737	8,181	8,339
Capital	4,021	4,384	4,600	4,404	5,027	5,089
Other	1,961	2,145	2,159	2,333	3,155	3,250
Water Supply	9,086	9,117	9,205	9,914	10,386	9,659
Capital	3,670	3,491	3,651	4,331	4,522	3,766
Other	5,417	5,627	5,553	5,583	5,864	5,893
Wastewater Treatment	5,788	6,369	6,433	6,571	6,956	6,525
Capital	3,561	3,931	4,218	4,213	4,488	3,816
Other	2,227	2,438	2,215	2,358	2,468	2,709

TABLE A-7. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	97,161	99,230	99,959	105,999	106,939	104,430
Capital	50,389	51,725	50,662	54,361	56,495	54,103
Other	46,772	47,505	49,297	51,638	50,444	50,327
Highways	55,653	56,626	56,885	59,101	58,401	53,551
Capital	33,714	34,439	34,176	36,006	35,978	31,645
Other	21,938	22,186	22,709	23,095	22,423	21,905
Mass Transit	6,109	6,416	6,097	6,605	6,996	8,185
Capital	1,535	1,871	1,161	1,349	1,440	2,532
Other	4,574	4,545	4,937	5,256	5,556	5,653
Rail	113	109	107	392	450	514
Capital	0	0	0	0	0	0
Other	113	109	107	392	450	514
Aviation	6,044	6,768	7,901	9,054	9,118	9,296
Capital	1,321	1,881	2,520	2,675	3,261	3,675
Other	4,723	4,887	5,381	6,379	5,857	5,621
Water Transport ^a	4,794	4,819	4,613	4,914	4,771	5,022
Capital	1,596	1,561	1,304	1,470	1,469	1,697
Other	3,198	3,258	3,308	3,444	3,302	3,325
Water Resources ^a	8,003	7,342	6,716	7,195	7,087	7,339
Capital	4,585	3,833	3,301	3,815	3,988	3,922
Other	3,418	3,509	3,415	3,379	3,100	3,416
Water Supply	9,780	10,197	10,174	10,180	10,244	10,312
Capital	3,801	4,100	3,808	3,772	3,951	3,949
Other	5,979	6,098	6,366	6,408	6,293	6,363
Wastewater Treatment	6,666	6,953	7,465	8,559	9,871	10,211
Capital	3,836	4,040	4,392	5,275	6,407	6,682
Other	2,831	2,913	3,073	3,284	3,464	3,529

TABLE A-7. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	102,681	105,786	106,557	27,426	107,493	107,996
Capital	51,399	50,357	50,463	12,146	48,174	46,380
Other	51,282	55,429	56,094	15,280	59,320	61,616
Highways	52,342	51,574	51,355	12,347	47,246	47,750
Capital	30,113	28,391	28,275	6,183	23,971	23,543
Other	22,229	23,183	23,080	6,164	23,275	24,207
Mass Transit	8,140	9,555	9,451	2,923	11,157	10,721
Capital	2,284	2,491	2,653	823	3,043	2,519
Other	5,856	7,064	6,798	2,100	8,114	8,201
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	8,416	8,034	7,972	1,861	7,645	8,054
Capital	2,562	2,266	2,024	395	1,624	1,846
Other	5,854	5,768	5,948	1,467	6,022	6,208
Water Transport^a	4,976	4,880	4,720	1,254	4,893	4,781
Capital	1,695	1,568	1,276	310	1,247	1,272
Other	3,281	3,312	3,444	944	3,646	3,509
Water Resources^a	6,894	7,105	6,997	1,960	7,452	7,548
Capital	3,876	3,807	3,660	1,109	4,084	3,731
Other	3,018	3,297	3,337	851	3,368	3,817
Water Supply	10,825	11,206	11,368	3,016	11,627	11,915
Capital	4,299	4,371	4,375	1,002	3,907	3,937
Other	6,526	6,835	6,993	2,014	7,720	7,979
Wastewater Treatment	10,527	11,698	12,438	3,639	13,931	13,755
Capital	6,511	7,389	7,837	2,281	8,655	8,076
Other	4,016	4,308	4,601	1,358	5,276	5,678

TABLE A-7. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	113,697	116,961	118,019	113,610	115,471	119,322
Capital	49,739	51,071	48,140	45,523	46,386	48,343
Other	63,958	65,891	69,879	68,086	69,085	70,978
Highways	49,909	50,626	48,297	46,743	48,085	50,589
Capital	25,117	25,866	23,948	22,373	22,993	25,011
Other	24,792	24,760	24,349	24,370	25,092	25,578
Mass Transit	11,469	12,588	14,275	15,496	16,426	16,630
Capital	2,573	2,813	3,421	3,914	4,434	4,557
Other	8,895	9,775	10,855	11,582	11,993	12,073
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	8,232	8,718	8,495	8,016	8,411	9,124
Capital	2,013	2,304	2,205	2,105	2,250	2,554
Other	6,219	6,414	6,291	5,911	6,161	6,570
Water Transport ^a	5,128	5,274	5,299	5,322	5,444	5,413
Capital	1,456	1,601	1,614	1,422	1,522	1,337
Other	3,672	3,673	3,685	3,900	3,922	4,077
Water Resources ^a	8,181	8,360	7,806	7,011	7,030	7,213
Capital	3,745	3,754	3,419	3,450	3,318	3,482
Other	4,435	4,606	4,388	3,562	3,712	3,731
Water Supply	12,677	13,134	13,718	14,000	14,244	14,148
Capital	4,345	4,629	4,710	4,542	4,489	4,269
Other	8,332	8,505	9,008	9,459	9,755	9,879
Wastewater Treatment	14,837	14,960	15,085	14,368	14,435	14,409
Capital	8,785	8,637	8,347	7,191	6,954	6,759
Other	6,052	6,323	6,737	7,178	7,481	7,650

TABLE A-7. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	124,761	131,947	137,018	140,586	142,659	146,957
Capital	52,412	57,431	60,704	63,001	63,340	65,930
Other	72,349	74,516	76,313	77,585	79,319	81,027
Highways	54,507	57,386	59,386	60,504	60,906	62,230
Capital	27,869	29,977	31,774	33,690	33,739	34,320
Other	26,637	27,409	27,612	26,815	27,167	27,910
Mass Transit	16,622	17,067	17,492	17,591	17,771	18,291
Capital	4,333	4,306	4,467	4,333	4,781	5,511
Other	12,289	12,762	13,025	13,259	12,990	12,780
Rail	1,236	1,028	919	662	653	558
Capital	371	149	159	0	-6	-48
Other	865	879	760	662	660	606
Aviation	9,350	10,049	10,650	11,390	11,855	12,578
Capital	2,761	3,412	3,916	4,290	4,300	4,829
Other	6,589	6,637	6,735	7,099	7,555	7,749
Water Transport ^a	5,520	6,389	5,771	5,383	5,025	5,119
Capital	1,690	2,807	1,862	1,424	1,087	1,207
Other	3,830	3,582	3,909	3,959	3,938	3,912
Water Resources ^a	7,446	7,485	7,845	9,368	9,780	10,207
Capital	3,609	3,546	3,734	4,047	4,300	4,693
Other	3,837	3,939	4,111	5,321	5,481	5,514
Water Supply	15,427	16,910	18,024	18,028	18,771	19,437
Capital	4,982	5,906	6,576	6,471	6,633	6,959
Other	10,445	11,004	11,448	11,558	12,137	12,478
Wastewater Treatment	14,714	15,664	16,959	17,684	17,914	18,538
Capital	6,855	7,359	8,242	8,770	8,521	8,460
Other	7,858	8,306	8,717	8,915	9,394	10,077

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, 1956-1998
(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 Transport ^a	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 ^a	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

TABLE A-8. 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 Transport ^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

TABLE A-8. 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 Transport ^a	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 ^a	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

TABLE A-8. 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 Transport^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

TABLE A-8. 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 Transport ^a	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 ^a	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

TABLE A-8. 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 Transport ^a	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 ^a	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

TABLE A-8. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	37,297	39,859	43,006	45,106	45,631	45,941
Capital	26,368	27,714	30,284	32,085	32,642	33,309
Other	10,929	12,145	12,721	13,022	12,990	12,632
Highways	14,580	15,550	17,648	19,597	19,346	19,396
Capital	14,013	14,895	16,903	18,764	18,533	18,571
Other	567	655	745	832	813	825
Mass Transit	3,826	3,575	3,545	3,730	3,920	4,086
Capital	3,161	2,729	2,705	2,876	3,153	3,418
Other	665	846	840	855	767	668
Rail	776	881	760	1,050	1,127	1,084
Capital	227	362	212	427	490	459
Other	549	520	548	623	637	625
Aviation	7,888	8,817	9,365	9,408	9,874	9,879
Capital	3,059	3,711	4,186	4,160	4,393	4,512
Other	4,829	5,106	5,179	5,248	5,482	5,367
Water Transport ^a	2,999	3,259	3,449	3,524	3,493	3,497
Capital	264	363	438	419	413	426
Other	2,735	2,896	3,011	3,105	3,080	3,071
Water Resources ^a	4,266	4,782	5,250	4,698	4,725	5,004
Capital	2,682	2,662	2,852	2,340	2,514	2,927
Other	1,583	2,121	2,399	2,359	2,211	2,076
Water Supply	400	397	411	413	420	474
Capital	400	397	411	413	420	474
Other	0	0	0	0	0	0
Wastewater Treatment	2,562	2,605	2,578	2,685	2,726	2,522
Capital	2,562	2,605	2,578	2,685	2,726	2,522
Other	0	0	0	0	0	0

TABLE A-8. CONTINUED

	1997	1998
All Categories	46,160	46,701
Capital	32,990	33,738
Other	13,170	12,962
Highways	19,411	19,440
Capital	18,596	18,631
Other	816	809
Mass Transit	4,329	4,513
Capital	2,921	3,127
Other	1,408	1,385
Rail	1,121	1,179
Capital	483	562
Other	637	617
Aviation	10,055	10,194
Capital	4,659	4,765
Other	5,396	5,429
Water Transport ^a	3,481	3,390
Capital	441	453
Other	3,040	2,937
Water Resources ^a	4,961	5,172
Capital	3,088	3,386
Other	1,873	1,785
Water Supply	422	452
Capital	422	452
Other	0	0
Wastewater Treatment	2,380	2,362
Capital	2,380	2,362
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

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-9. DIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1998
(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 Transport ^a	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 ^a	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

TABLE A-9. 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 Transport ^a	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 ^a	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

TABLE A-9. 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 Transport ^a	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 ^a	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

TABLE A-9. 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 Transport^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

TABLE A-9. 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 Transport ^a	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 ^a	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

TABLE A-9. 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	-23	-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 Transport ^a	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 ^a	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

TABLE A-9. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	14,685	16,124	17,152	17,286	17,375	17,290
Capital	4,633	5,015	5,483	5,360	5,875	6,382
Other	10,052	11,109	11,669	11,926	11,500	10,909
Highways	409	499	561	602	560	538
Capital	53	43	42	21	13	1
Other	356	457	518	581	547	537
Mass Transit	38	44	49	47	-420	-730
Capital	0	0	0	0	0	0
Other	38	44	49	47	-420	-730
Rail	769	867	743	1,021	1,115	1,083
Capital	225	348	195	398	478	458
Other	544	520	548	623	637	625
Aviation	6,375	7,166	7,327	7,588	8,055	8,049
Capital	1,545	2,059	2,148	2,340	2,573	2,682
Other	4,829	5,106	5,179	5,248	5,482	5,367
Water Transport ^a	2,966	3,225	3,416	3,490	3,460	3,463
Capital	264	363	437	419	412	426
Other	2,702	2,862	2,978	3,071	3,048	3,037
Water Resources ^a	4,129	4,670	5,057	4,538	4,607	4,888
Capital	2,546	2,550	2,660	2,183	2,399	2,815
Other	1,583	2,120	2,397	2,355	2,208	2,073
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

TABLE A-9. CONTINUED

	1997	1998
All Categories	18,689	18,856
Capital	6,705	7,159
Other	11,984	11,698
Highways	523	516
Capital	1	c
Other	522	516
Mass Transit	552	452
Capital	0	0
Other	552	452
Rail	1,120	1,178
Capital	482	561
Other	637	617
Aviation	8,207	8,321
Capital	2,811	2,892
Other	5,396	5,429
Water Transport ^a	3,448	3,355
Capital	441	453
Other	3,007	2,902
Water Resources ^a	4,840	5,035
Capital	2,970	3,253
Other	1,870	1,782
Water Supply	0	0
Capital	0	0
Other	0	0
Wastewater Treatment	0	0
Capital	0	0
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

- 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-10. INDIRECT FEDERAL SPENDING FOR INFRASTRUCTURE, 1956-1998
(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 Transport ^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

TABLE A-10. 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 Transport ^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

TABLE A-10. 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 Transport ^a	2	2	2	2	9	14
Capital	0	0	0	0	0	0
Other	2	2	2	2	9	14
Water Resources ^a	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

TABLE A-10. 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 Transport^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

TABLE A-10. 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 Transport ^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

TABLE A-10. 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	23	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 Transport ^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

TABLE A-10. CONTINUED

	1991	1992	1993	1994	1995	1996
All Categories	22,612	23,735	25,853	27,820	28,256	28,650
Capital	21,735	22,700	24,801	26,724	26,767	26,927
Other	878	1,036	1,052	1,096	1,489	1,723
Highways	14,171	15,051	17,088	18,995	18,786	18,858
Capital	13,960	14,852	16,861	18,743	18,520	18,570
Other	212	199	227	252	266	288
Mass Transit	3,789	3,531	3,496	3,683	4,340	4,816
Capital	3,161	2,729	2,705	2,876	3,153	3,418
Other	627	802	791	807	1,187	1,398
Rail	7	14	17	29	12	1
Capital	2	14	17	29	12	1
Other	5	0	0	0	0	0
Aviation	1,513	1,652	2,037	1,820	1,820	1,830
Capital	1,513	1,652	2,037	1,820	1,820	1,830
Other	0	0	0	0	0	0
Water Transport ^a	34	34	33	34	33	33
Capital	0	c	c	c	c	c
Other	34	34	33	34	33	33
Water Resources ^a	136	112	193	161	119	116
Capital	136	111	192	157	115	112
Other	0	1	1	4	4	3
Water Supply	400	397	411	413	420	474
Capital	400	397	411	413	420	474
Other	0	0	0	0	0	0
Wastewater Treatment	2,562	2,605	2,578	2,685	2,726	2,522
Capital	2,562	2,605	2,578	2,685	2,726	2,522
Other	0	0	0	0	0	0

TABLE A-10. CONTINUED

	1997	1998
All Categories	27,471	27,844
Capital	26,285	26,580
Other	1,186	1,265
Highways	18,889	18,924
Capital	18,595	18,631
Other	294	293
Mass Transit	3,777	4,061
Capital	2,921	3,127
Other	856	933
Rail	1	1
Capital	1	1
Other	0	0
Aviation	1,849	1,873
Capital	1,849	1,873
Other	0	0
Water Transport ^a	33	35
Capital	c	c
Other	33	35
Water Resources ^a	121	137
Capital	118	134
Other	3	3
Water Supply	422	452
Capital	422	452
Other	0	0
Wastewater Treatment	2,380	2,362
Capital	2,380	2,362
Other	0	0

SOURCE: Congressional Budget Office.

NOTE: Values for 1993 through 1998 are estimated.

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

	1956	1957	1958	1959	1960	1961
All Categories	55,254	59,050	58,915	56,418	53,175	57,857
Capital	26,228	27,182	27,146	25,692	22,497	25,478
Other	29,026	31,868	31,769	30,725	30,678	32,379
Highways	35,710	38,292	38,081	35,432	32,509	35,743
Capital	18,516	19,107	18,671	17,027	14,226	16,113
Other	17,195	19,186	19,410	18,405	18,284	19,630
Mass Transit	4,038	4,049	4,014	3,843	3,896	3,823
Capital	514	538	589	430	392	500
Other	3,524	3,511	3,426	3,413	3,504	3,323
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	870	1,133	1,073	1,219	1,364	1,670
Capital	481	661	927	730	775	1,039
Other	389	472	146	488	589	632
Water Transport ^a	1,201	1,068	1,165	1,194	1,165	1,387
Capital	500	480	606	645	567	804
Other	701	588	559	549	598	582
Water Resources ^a	854	1,270	1,573	1,780	715	783
Capital	79	166	244	329	-5	53
Other	775	1,104	1,329	1,451	720	730
Water Supply	7,960	8,429	8,274	8,222	8,499	9,403
Capital	3,359	3,354	3,343	3,700	3,514	4,126
Other	4,602	5,075	4,930	4,521	4,985	5,277
Wastewater Treatment	4,619	4,809	4,735	4,728	5,028	5,048
Capital	2,778	2,877	2,766	2,831	3,029	2,842
Other	1,841	1,933	1,969	1,897	1,999	2,206

TABLE A-11. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	58,647	60,435	59,766	61,215	64,120	67,151
Capital	25,910	26,678	26,389	27,015	28,570	29,779
Other	32,737	33,757	33,378	34,201	35,550	37,371
Highways	36,329	37,240	36,133	36,340	37,526	40,765
Capital	16,918	17,339	16,689	16,462	17,246	19,489
Other	19,412	19,901	19,444	19,878	20,279	21,276
Mass Transit	3,897	4,211	4,359	4,980	4,695	5,171
Capital	361	617	578	879	747	1,007
Other	3,536	3,594	3,781	4,101	3,949	4,165
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,477	1,407	1,332	1,514	1,579	1,646
Capital	784	661	588	725	758	799
Other	692	745	744	790	821	847
Water Transport ^a	1,358	1,259	1,281	1,202	1,330	1,301
Capital	744	741	666	605	721	657
Other	614	518	615	597	609	644
Water Resources ^a	881	1,033	1,280	960	1,953	2,444
Capital	41	99	254	66	393	607
Other	840	934	1,026	894	1,560	1,837
Water Supply	9,086	9,117	9,205	9,914	10,386	9,614
Capital	3,670	3,491	3,651	4,331	4,521	3,721
Other	5,417	5,627	5,553	5,583	5,864	5,893
Wastewater Treatment	5,619	6,169	6,177	6,306	6,652	6,209
Capital	3,392	3,731	3,962	3,947	4,184	3,499
Other	2,227	2,438	2,215	2,358	2,468	2,709

TABLE A-11. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	67,955	70,493	71,264	73,955	75,409	71,456
Capital	29,956	31,987	31,517	33,256	35,219	31,908
Other	37,999	38,506	39,747	40,699	40,191	39,548
Highways	40,649	42,202	42,377	44,280	44,063	39,755
Capital	19,328	20,589	20,445	22,034	22,468	18,582
Other	21,321	21,613	21,932	22,246	21,594	21,173
Mass Transit	5,867	5,917	5,702	5,957	6,072	6,830
Capital	1,306	1,399	783	783	687	1,547
Other	4,561	4,518	4,919	5,174	5,385	5,283
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,722	2,279	3,020	3,225	3,545	3,367
Capital	871	1,280	1,927	2,034	2,329	2,143
Other	851	999	1,092	1,191	1,216	1,224
Water Transport ^a	1,556	1,691	1,547	1,647	1,596	1,703
Capital	915	977	818	916	887	955
Other	641	714	729	730	709	748
Water Resources ^a	2,393	2,065	1,964	1,998	1,714	1,309
Capital	578	415	329	331	184	82
Other	1,815	1,651	1,635	1,667	1,530	1,227
Water Supply	9,588	9,926	9,855	9,847	9,874	10,216
Capital	3,609	3,828	3,488	3,439	3,582	3,853
Other	5,979	6,098	6,366	6,408	6,293	6,363
Wastewater Treatment	6,179	6,412	6,799	7,001	8,545	8,276
Capital	3,349	3,499	3,726	3,717	5,081	4,747
Other	2,831	2,913	3,073	3,284	3,464	3,529

TABLE A-11. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	69,635	71,931	67,137	17,000	65,149	67,546
Capital	28,740	28,304	23,921	4,814	19,007	19,803
Other	40,895	43,627	43,216	12,186	46,142	47,743
Highways	40,426	40,992	37,977	8,786	35,133	36,641
Capital	19,064	18,676	15,757	2,912	12,519	13,287
Other	21,362	22,317	22,220	5,873	22,614	23,355
Mass Transit	6,671	7,212	6,320	2,239	7,234	6,768
Capital	1,043	702	779	304	577	176
Other	5,628	6,510	5,542	1,935	6,658	6,592
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	2,767	2,679	2,679	668	2,217	2,158
Capital	1,403	1,160	1,057	243	582	452
Other	1,364	1,519	1,623	425	1,635	1,706
Water Transport^a	1,618	1,674	1,506	401	1,511	1,526
Capital	863	868	694	171	645	652
Other	755	807	812	230	866	874
Water Resources^a	1,347	1,502	1,540	388	1,436	1,511
Capital	103	172	114	37	62	-49
Other	1,244	1,331	1,426	351	1,374	1,560
Water Supply	10,397	10,770	10,634	2,804	10,832	11,113
Capital	3,871	3,935	3,642	789	3,112	3,134
Other	6,526	6,835	6,993	2,014	7,720	7,979
Wastewater Treatment	6,466	7,452	7,231	1,724	6,842	7,823
Capital	2,450	3,143	2,630	366	1,566	2,144
Other	4,016	4,308	4,601	1,358	5,276	5,678

TABLE A-11. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	72,169	73,064	75,371	76,708	80,242	81,941
Capital	21,964	21,751	22,193	21,969	23,121	23,376
Other	50,205	51,313	53,178	54,739	57,121	58,565
Highways	38,257	37,527	36,254	36,569	36,961	37,795
Capital	14,343	13,665	12,765	12,855	12,411	12,761
Other	23,913	23,862	23,488	23,715	24,549	25,035
Mass Transit	7,341	7,729	9,006	10,430	11,760	12,061
Capital	-9	77	173	756	1,081	884
Other	7,351	7,653	8,833	9,674	10,679	11,177
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	2,592	3,034	3,273	3,445	3,498	3,646
Capital	784	1,091	1,194	1,274	1,273	1,339
Other	1,808	1,943	2,080	2,171	2,225	2,306
Water Transport ^a	1,786	1,869	2,031	1,846	1,820	1,682
Capital	874	922	1,043	857	824	729
Other	913	947	988	989	996	952
Water Resources ^a	1,914	2,341	2,381	2,175	2,398	2,395
Capital	76	258	332	584	780	826
Other	1,838	2,083	2,049	1,591	1,618	1,569
Water Supply	11,750	12,155	12,794	13,075	13,572	13,510
Capital	3,417	3,650	3,786	3,617	3,817	3,631
Other	8,332	8,505	9,008	9,459	9,755	9,879
Wastewater Treatment	8,631	8,601	9,725	9,287	10,479	10,971
Capital	2,579	2,278	2,988	2,109	2,997	3,321
Other	6,052	6,323	6,737	7,178	7,481	7,650

TABLE A-11. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	86,324	91,980	100,981	104,062	107,118	110,230
Capital	25,753	28,399	35,629	37,661	39,103	40,198
Other	60,571	63,580	65,352	66,400	68,015	70,032
Highways	39,648	41,459	45,221	45,458	46,875	47,646
Capital	13,521	14,573	18,209	19,229	20,238	20,327
Other	26,127	26,886	27,012	26,229	26,637	27,320
Mass Transit	12,652	13,267	13,799	14,061	14,082	14,461
Capital	1,595	1,296	1,684	1,805	2,058	2,369
Other	11,057	11,971	12,115	12,256	12,024	12,092
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	3,671	4,094	4,553	4,964	4,962	5,345
Capital	1,316	1,584	1,924	2,204	1,988	2,257
Other	2,355	2,509	2,629	2,760	2,974	3,088
Water Transport ^a	1,815	1,947	1,945	1,962	1,968	1,968
Capital	866	992	958	970	958	936
Other	949	955	987	993	1,010	1,032
Water Resources ^a	2,773	2,985	3,718	5,033	5,357	5,806
Capital	994	1,034	1,271	1,342	1,515	1,860
Other	1,780	1,951	2,447	3,691	3,842	3,946
Water Supply	14,753	16,337	18,009	17,735	18,514	18,996
Capital	4,308	5,333	6,561	6,177	6,376	6,517
Other	10,445	11,004	11,448	11,558	12,137	12,478
Wastewater Treatment	11,070	11,923	13,765	14,873	15,377	16,010
Capital	3,212	3,617	5,048	5,958	5,983	5,933
Other	7,858	8,306	8,717	8,915	9,394	10,077

SOURCE: Congressional Budget Office.

NOTE: n.a. = not applicable.

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, 1956-1990 (In millions of 1990 dollars)

	1956	1957	1958	1959	1960	1961
All Categories	58,844	63,504	65,952	67,946	66,008	69,401
Capital	29,816	31,605	34,132	37,144	35,239	36,945
Other	29,029	31,900	31,820	30,802	30,769	32,456
Highways	39,148	42,582	44,767	46,470	44,796	46,695
Capital	21,954	23,366	25,309	27,990	26,426	26,992
Other	17,195	19,215	19,458	18,480	18,371	19,703
Mass Transit	4,038	4,049	4,014	3,843	3,896	3,823
Capital	514	538	589	430	392	500
Other	3,524	3,511	3,426	3,413	3,504	3,323
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	950	1,225	1,261	1,458	1,602	1,941
Capital	561	753	1,116	969	1,013	1,309
Other	389	472	146	488	589	632
Water Transport ^a	1,203	1,070	1,168	1,196	1,168	1,389
Capital	500	480	606	645	567	804
Other	703	590	562	551	601	585
Water Resources ^a	924	1,329	1,646	1,876	851	918
Capital	149	225	318	425	132	188
Other	775	1,104	1,329	1,451	720	730
Water Supply	7,960	8,429	8,274	8,222	8,499	9,403
Capital	3,359	3,354	3,343	3,700	3,514	4,126
Other	4,602	5,075	4,930	4,521	4,985	5,277
Wastewater Treatment	4,619	4,820	4,821	4,881	5,196	5,231
Capital	2,778	2,888	2,851	2,984	3,197	3,026
Other	1,841	1,933	1,969	1,897	1,999	2,206

TABLE A-12. CONTINUED

	1962	1963	1964	1965	1966	1967
All Categories	70,421	72,841	74,623	77,397	80,030	82,680
Capital	37,598	38,909	41,100	43,027	44,251	44,997
Other	32,824	33,932	33,523	34,370	35,779	37,683
Highways	47,539	48,922	50,195	51,656	52,492	55,199
Capital	28,047	28,941	30,655	31,677	32,103	33,710
Other	19,491	19,981	19,539	19,979	20,389	21,489
Mass Transit	3,898	4,219	4,378	5,022	4,755	5,321
Capital	362	625	597	921	807	1,157
Other	3,536	3,594	3,781	4,101	3,949	4,165
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,709	1,605	1,583	1,783	1,781	1,875
Capital	1,017	860	840	993	960	1,028
Other	692	745	744	790	821	847
Water Transport ^a	1,361	1,261	1,289	1,205	1,332	1,303
Capital	744	741	666	605	721	657
Other	617	520	622	600	611	646
Water Resources ^a	1,041	1,348	1,541	1,247	2,329	2,798
Capital	197	321	472	288	651	864
Other	843	1,027	1,068	959	1,678	1,934
Water Supply	9,086	9,117	9,205	9,914	10,386	9,659
Capital	3,670	3,491	3,651	4,331	4,522	3,766
Other	5,417	5,627	5,553	5,583	5,864	5,893
Wastewater Treatment	5,788	6,369	6,433	6,571	6,956	6,525
Capital	3,561	3,931	4,218	4,213	4,488	3,816
Other	2,227	2,438	2,215	2,358	2,468	2,709

TABLE A-12. CONTINUED

	1968	1969	1970	1971	1972	1973
All Categories	84,035	86,386	87,230	91,132	92,216	88,689
Capital	45,680	47,624	47,058	50,038	51,684	48,787
Other	38,354	38,762	40,172	41,094	40,532	39,902
Highways	55,256	56,168	56,386	58,555	57,803	53,013
Capital	33,666	34,381	34,124	35,957	35,905	31,536
Other	21,591	21,786	22,262	22,599	21,897	21,477
Mass Transit	6,100	6,393	6,085	6,533	6,838	7,841
Capital	1,535	1,871	1,161	1,349	1,440	2,532
Other	4,565	4,522	4,924	5,185	5,398	5,309
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	1,981	2,626	3,283	3,411	3,852	4,007
Capital	1,130	1,627	2,191	2,220	2,636	2,782
Other	851	999	1,092	1,191	1,216	1,224
Water Transport ^a	1,558	1,693	1,549	1,648	1,605	1,717
Capital	915	977	818	916	887	955
Other	643	716	731	732	718	762
Water Resources ^a	2,693	2,356	2,288	2,246	2,002	1,589
Capital	799	628	565	549	456	351
Other	1,894	1,728	1,723	1,697	1,545	1,238
Water Supply	9,780	10,197	10,174	10,180	10,244	10,312
Capital	3,801	4,100	3,808	3,772	3,951	3,949
Other	5,979	6,098	6,366	6,408	6,293	6,363
Wastewater Treatment	6,666	6,953	7,465	8,559	9,871	10,211
Capital	3,836	4,040	4,392	5,275	6,407	6,682
Other	2,831	2,913	3,073	3,284	3,464	3,529

TABLE A-12. CONTINUED

	1974	1975	1976	TQ ^b	1977	1978
All Categories	87,642	89,467	90,336	23,243	89,410	89,879
Capital	46,306	45,527	45,671	10,816	41,673	40,267
Other	41,336	43,940	44,665	12,426	47,737	49,613
Highways	51,711	50,857	50,670	12,109	46,770	47,103
Capital	29,974	28,253	28,156	6,145	23,853	23,413
Other	21,736	22,603	22,514	5,964	22,917	23,690
Mass Transit	7,956	9,001	9,323	2,906	10,971	10,619
Capital	2,284	2,491	2,653	823	3,043	2,519
Other	5,673	6,510	6,670	2,083	7,928	8,099
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	3,366	3,283	3,212	718	2,849	3,129
Capital	2,003	1,764	1,589	293	1,214	1,423
Other	1,364	1,519	1,623	425	1,635	1,706
Water Transport^a	1,630	1,687	1,518	403	1,526	1,538
Capital	863	868	694	171	645	652
Other	767	819	824	232	881	887
Water Resources^a	1,628	1,736	1,807	452	1,736	1,820
Capital	373	391	367	101	356	247
Other	1,255	1,344	1,440	351	1,380	1,573
Water Supply	10,825	11,206	11,368	3,016	11,627	11,915
Capital	4,299	4,371	4,375	1,002	3,907	3,937
Other	6,526	6,835	6,993	2,014	7,720	7,979
Wastewater Treatment	10,527	11,698	12,438	3,639	13,931	13,755
Capital	6,511	7,389	7,837	2,281	8,655	8,076
Other	4,016	4,308	4,601	1,358	5,276	5,678

TABLE A-12. CONTINUED

	1979	1980	1981	1982	1983	1984
All Categories	95,581	98,742	99,135	98,135	101,188	104,107
Capital	43,513	45,021	43,614	41,313	42,440	44,517
Other	52,069	53,721	55,520	56,823	58,749	59,590
Highways	49,307	50,010	47,768	46,280	47,676	50,212
Capital	25,006	25,759	23,857	22,318	22,940	24,984
Other	24,300	24,251	23,911	23,962	24,735	25,227
Mass Transit	11,383	12,464	14,157	15,387	16,364	16,550
Capital	2,573	2,813	3,421	3,914	4,434	4,557
Other	8,809	9,651	10,736	11,473	11,931	11,993
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	3,437	3,827	3,861	3,858	4,044	4,464
Capital	1,629	1,884	1,781	1,687	1,819	2,158
Other	1,808	1,943	2,080	2,171	2,225	2,306
Water Transport ^a	1,795	1,873	2,031	1,846	1,827	1,696
Capital	874	922	1,043	857	824	729
Other	922	951	988	989	1,003	966
Water Resources ^a	2,145	2,474	2,515	2,396	2,599	2,629
Capital	300	377	455	805	981	1,060
Other	1,845	2,097	2,060	1,591	1,618	1,569
Water Supply	12,677	13,134	13,718	14,000	14,244	14,148
Capital	4,345	4,629	4,710	4,542	4,489	4,269
Other	8,332	8,505	9,008	9,459	9,755	9,879
Wastewater Treatment	14,837	14,960	15,085	14,368	14,435	14,409
Capital	8,785	8,637	8,347	7,191	6,954	6,759
Other	6,052	6,323	6,737	7,178	7,481	7,650

TABLE A-12. CONTINUED

	1985	1986	1987	1988	1989	1990
All Categories	110,299	116,877	122,813	126,366	128,633	132,558
Capital	48,351	52,326	56,384	58,795	59,403	61,641
Other	61,948	64,550	66,430	67,570	69,230	70,917
Highways	54,180	57,052	58,958	60,137	60,624	61,821
Capital	27,861	29,965	31,752	33,677	33,724	34,290
Other	26,318	27,087	27,206	26,460	26,900	27,531
Mass Transit	16,561	17,016	17,438	17,493	17,725	18,249
Capital	4,333	4,306	4,467	4,333	4,781	5,511
Other	12,227	12,711	12,971	13,160	12,944	12,738
Rail	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Capital	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Other	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Aviation	4,564	5,035	5,553	5,835	6,121	6,565
Capital	2,208	2,525	2,924	3,074	3,147	3,477
Other	2,355	2,509	2,629	2,760	2,974	3,088
Water Transport^a	1,830	1,974	1,969	1,996	1,997	1,994
Capital	866	992	958	970	958	936
Other	964	982	1,012	1,026	1,039	1,058
Water Resources^a	3,025	3,225	3,912	5,192	5,481	5,955
Capital	1,245	1,274	1,465	1,501	1,639	2,009
Other	1,780	1,951	2,447	3,691	3,842	3,946
Water Supply	15,427	16,910	18,024	18,028	18,771	19,437
Capital	4,982	5,906	6,576	6,471	6,633	6,959
Other	10,445	11,004	11,448	11,558	12,137	12,478
Wastewater Treatment	14,714	15,664	16,959	17,684	17,914	18,538
Capital	6,855	7,359	8,242	8,770	8,521	8,460
Other	7,858	8,306	8,717	8,915	9,394	10,077

SOURCE: Congressional Budget Office.

NOTE: n.a. = not applicable.

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

b. Transition quarter.