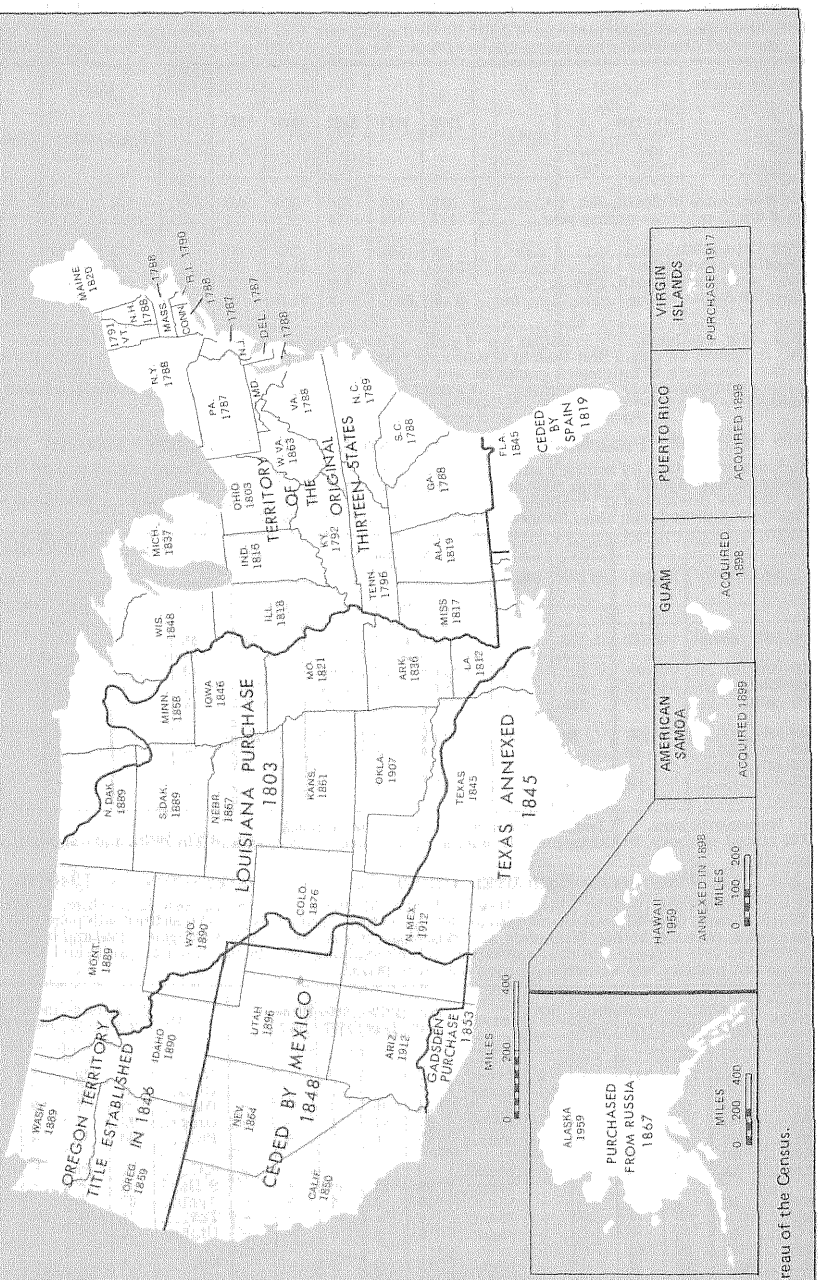
Figure 7.1 **Territorial Expansion of the United States and Acquisitions of Other Principal Areas**

(see table 339)



Source: U.S. Bureau of the Census.

Section 7

Geography and Environment

This section presents data on land and water areas, physical geography, and climate of the United States. Statistics on the quality of air and water, on environmental pollutants, and on expenditures for pollution abatement and control are also shown.

There are few publications other than those showing area measurements (issued irregularly by the Bureau of the Census) which present area and geography statistics of a national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey and National Oceanic and Atmospheric Administration (NOAA). Data on air and water quality and on types and sources of pollutants are compiled by various agencies under the general direction of the U.S. Council on Environmental Quality (CEQ); for details, see the annual report of CEQ, *Environmental Quality*.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940*, in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. In the 1950 and 1960 census reports, adjustments in selected area figures were made because changes in boundaries, development of water reservoirs, or improvements in the maps from which measurements are made had taken place. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports, Series GE-20*. The series consists of one report for each State and a U.S. summary. These reports include the same kinds of data as the 1940 report. Land areas of places with populations of 2,500 and over as of 1970 are shown in *Census of Population, 1970*, vol. 1, chapter A; data for counties are shown in the separate State reports.

Geography.—The Geological Survey, cooperating with State and local agencies, is responsible for topographic, geologic, and hydrologic maps; basic data on the quantity, quality, and movement of surface and ground water; and classification of Federal lands for mineral and waterpower potential. Data on water usage are published every five years in *Estimated Use of Water in the United States* (the most recent for 1975).

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as unincorporated places, the urbanized areas around large cities, county subdivisions, and census tracts.

Environment.—The CEQ is responsible for coordinating all environmental quality programs and for reviewing all other Federal programs affecting the environment. It

reports on its activities in its annual publication, *Environmental Quality*. The principal Federal agency responsible for research and enforcement activities related to pollution abatement and control is the Environmental Protection Agency (EPA). It is also responsible for establishing and monitoring national air quality standards.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. Non-Federal sampling stations for suspended particulates increased from approximately 800 in 1969 to over 4,000 in 1975. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Quality Emission Trends*.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. OMB collects and publishes figures annually on Federal funds spent for pollution abatement and control in *Special Analyses: Budget of the United States Government*. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business*. The U.S. Bureau of the Census collects data on State and local government and industry expenditures for water and air quality control. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances*. Industry data are reported periodically in *Current Industrial Reports*. CEQ publishes data in *Environmental Quality*.

Climate.—NOAA, through the National Weather Service and the Environmental Data Service, is responsible for data on climate. NOAA maintains about 11,500 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported on monthly, with an annual summary, in *Climatological Data: National Summary* and *Local Climatological Data*.

Nearly all weather stations have been moved several times in their history. Consequently, NOAA uses "normal" values of temperature and precipitation for comparative purposes rather than the daily, monthly, and yearly averages which have been derived from records accumulated at the different locations the stations may have had over the years. "Normal" values are obtained by adding the high and the low values recorded for a specified period of time and dividing by 2.

The base period for the normal values of temperature and precipitation is the 30-year period, 1941 through 1970. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the arithmetic averages of the monthly values for the 30 years. The annual normal temperature is obtained by dividing the sum of the monthly normals by 12.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1941 through 1970, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison with other nearby stations that have a continuous record for the 30-year period

to obtain the resultant adjustment factors. Normals were thereafter obtained by the method described above.

The heating degree-day normals are derived from the monthly mean temperatures, and computed to base 65°F. The heating degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65°F., there exist as many degree days as there are Fahrenheit degree differences in the temperature between the average temperature for the day and 65°F."

Conversion factors.—For information concerning factors for converting figures to the metric system, see page x.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

No. 339. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1970*, series J 1–2]

ACCESSION	Date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.
Total [1]	*1970*	*3,631,410*	*9,405,352*
United States [1]	(X)	3,618,467	9,371,829
Territory in 1790 [2]	(X)	888,685	2,301,694
Louisiana Purchase	1803	827,192	2,142,427
By treaty with Spain:			
Florida	1819	58,560	151,670
Other areas	1819	13,443	34,817
Texas	1845	390,143	1,010,470
Oregon	1846	285,580	739,652
Mexican Cession	1848	529,017	1,370,154
Gadsden Purchase	1853	29,640	76,768
Alaska [1]	1867	589,757	1,527,470
Hawaii	1898	6,450	16,706
Other:			
The Philippines [3]	*1898*	*115,600*	*299,404*
Puerto Rico	[4] 1899	3,435	8,897
Guam	[5] 1899	212	549
American Samoa	[6] 1900	76	197
Canal Zone [7]	1904	553	1,432
Corn Islands [8]	1914	4	10
Virgin Islands of the U.S.	1917	133	344
Trust Territory of the Pacific Islands [9]	1947	8,489	21,987
All other [10]	(X)	41	106

X Not applicable.

[1] Figure for Alaska corrected after 1970 Census of Population final reports were issued.

[2] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

[3] Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

[4] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [5] Acquired 1898; ratified 1899. [6] Acquired 1899; ratified 1900.

[7] Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

[8] Included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

[9] Under trusteeship. See table 3, footnotes 9 and 12.

[10] Comprises following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available.

Source: U.S. Bureau of the Census, unpublished data.

No. 340. Area of States and Other Areas: 1970

[One square mile = 2.59 square kilometers. See also *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to statehood	TOTAL AREA			LAND AREA [1]		WATER AREA [2]	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States [3]	(X)	(X)	**3,618,467**	**9,371,829**	**3,540,023**	**9,168,659**	**78,444**	**203,170**
New England	(X)	(X)	**66,608**	**172,515**	**62,951**	**163,043**	**3,657**	**9,472**
Maine	1820	39	33,215	86,027	30,920	80,083	2,295	5,944
New Hampshire	[4] 1788	44	9,304	24,097	9,027	23,380	277	717
Vermont	1791	43	9,609	24,887	9,267	24,002	342	886
Massachusetts	[4] 1788	45	8,257	21,386	7,826	20,269	431	1,116
Rhode Island	[4] 1790	50	1,214	3,144	1,049	2,717	165	427
Connecticut	[4] 1788	48	5,009	12,973	4,862	12,593	147	381
Middle Atlantic	(X)	(X)	**102,745**	**266,110**	**100,318**	**259,824**	**2,427**	**6,286**
New York	[4] 1788	30	49,576	128,402	47,831	123,882	1,745	4,520
New Jersey	[4] 1787	46	7,836	20,295	7,521	19,479	315	816
Pennsylvania	[4] 1787	33	45,333	117,412	44,966	116,462	367	951
East North Central	(X)	(X)	**246,283**	**643,053**	**244,101**	**632,222**	**4,182**	**10,831**
Ohio	1803	35	41,222	106,765	40,975	106,125	247	640
Indiana	1816	38	36,291	93,994	36,097	93,491	194	502
Illinois	1818	24	56,400	146,076	55,748	144,387	652	1,689
Michigan	1837	23	58,216	150,779	56,817	147,156	1,399	3,623
Wisconsin	1848	26	56,154	145,439	54,464	141,062	1,690	4,377
West North Central	(X)	(X)	**517,247**	**1,339,670**	**507,723**	**1,315,003**	**9,524**	**24,667**
Minnesota	1858	12	84,068	217,736	79,289	205,359	4,779	12,378
Iowa	1846	25	56,290	145,791	55,941	144,887	349	904
Missouri	1821	19	69,686	180,487	68,995	178,697	691	1,790
North Dakota	1889	17	70,665	183,022	69,273	179,417	1,392	3,605
South Dakota	1889	16	77,047	199,552	75,955	196,723	1,092	2,828
Nebraska	1867	15	77,227	200,018	76,483	198,091	744	1,927
Kansas	1861	14	82,264	213,064	81,787	211,828	477	1,235
South Atlantic	(X)	(X)	**278,776**	**722,030**	**266,970**	**691,452**	**11,806**	**30,578**
Delaware	[4] 1787	49	2,057	5,328	1,982	5,133	75	194
Maryland	[4] 1788	42	10,577	27,394	9,891	25,618	686	1,777
District of Columbia	(X)	(X)	67	174	61	158	6	16
Virginia	[4] 1788	36	40,817	105,716	39,780	103,030	1,037	2,686
West Virginia	1863	41	24,181	62,629	24,070	62,341	111	287
North Carolina	[4] 1789	28	52,586	136,198	48,798	126,387	3,788	9,811
South Carolina	[4] 1788	40	31,055	80,432	30,225	78,283	830	2,150
Georgia	[4] 1788	21	58,876	152,489	58,073	150,409	803	2,080
Florida	1845	22	58,560	151,670	54,090	140,093	4,470	11,577
East South Central	(X)	(X)	**181,964**	**471,287**	**178,982**	**463,563**	**2,982**	**7,723**
Kentucky	1792	37	40,395	104,623	39,650	102,694	745	1,930
Tennessee	1796	34	42,244	109,412	41,328	107,040	916	2,372
Alabama	1819	29	51,609	133,667	50,708	131,334	901	2,334
Mississippi	1817	32	47,716	123,584	47,296	122,497	420	1,088
West South Central	(X)	(X)	**438,884**	**1,136,710**	**427,791**	**1,107,979**	**11,093**	**28,731**
Arkansas	1836	27	53,104	137,539	51,945	134,538	1,159	3,002
Louisiana	1812	31	48,523	125,675	44,930	116,369	3,593	9,306
Oklahoma	1907	18	69,919	181,090	68,782	178,145	1,137	2,945
Texas	1845	2	267,338	692,405	262,134	678,927	5,204	13,478
Mountain	(X)	(X)	**863,887**	**2,237,467**	**856,047**	**2,217,162**	**7,840**	**20,306**
Montana	1889	4	147,138	381,087	145,587	377,070	1,551	4,017
Idaho	1890	13	83,557	216,413	82,677	214,133	880	2,279
Wyoming	1890	9	97,914	253,597	97,203	251,756	711	1,841
Colorado	1876	8	104,247	270,000	103,766	268,754	481	1,246
New Mexico	1912	5	121,666	315,115	121,412	314,457	254	658
Arizona	1912	6	113,909	295,024	113,417	293,750	492	1,274
Utah	1896	11	84,916	219,932	82,096	212,629	2,820	7,304
Nevada	1864	7	110,540	286,299	109,889	284,613	651	1,686
Pacific [3]	(X)	(X)	**920,073**	**2,382,989**	**895,140**	**2,318,413**	**24,933**	**64,576**
Washington	1889	20	68,192	176,617	66,570	172,416	1,622	4,201
Oregon	1859	10	96,981	251,181	96,184	249,117	797	2,064
California	1850	3	158,693	411,015	156,361	404,975	2,332	6,040
Alaska [3]	1959	1	589,757	1,527,470	569,600	1,475,264	20,157	52,206
Hawaii	1959	47	6,450	16,706	6,425	16,641	25	65
Other areas:								
Puerto Rico	(X)	(X)	3,435	8,897	3,421	8,860	14	36
American Samoa	(X)	(X)	76	197	76	197	–	–
Canal Zone [5]	(X)	(X)	553	1,432	362	938	191	495
Guam	(X)	(X)	212	549	209	541	3	8
Trust Ter. of Pacific Is. [6]	(X)	(X)	8,489	21,987	717	1,857	7,772	20,129
Virgin Islands of U.S.	(X)	(X)	133	344	132	342	1	3

– Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Figures for Alaska corrected after 1970 Census of Population final reports were issued. [4] Year of ratification of Constitution; one of the original 13 States. [5] See table 3, footnote 8. [6] See table 3, footnotes 9 and 12.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *Area Measurement Reports*, series GE-20, No. 1.

No. 341. Coastline of the United States, by States

[One mile = 1.609 kilometers]

STATE	General coastline [1]		Tidal shoreline [2]	
	Statute miles	Kilometers	Statute miles	Kilometers
U.S.	**12,383**	**19,924**	**88,633**	**142,610**
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**
Conn.	–	–	618	994
Del.	28	45	381	613
Fla.	580	933	3,331	5,360
Ga.	100	161	2,344	3,771
Maine	228	367	3,478	5,596
Md.	31	50	3,190	5,133
Mass.	192	309	1,519	2,444
N.H.	13	21	131	211
N.J.	130	209	1,792	2,883
N.Y.	127	204	1,850	2,977
N.C.	301	484	3,375	5,430
Pa.	–	–	89	143
R.I.	40	64	384	618
S.C.	187	301	2,876	4,627
Va.	112	180	3,315	5,334
Gulf coast	**1,631**	**2,624**	**17,141**	**27,580**
Ala.	53	85	607	977
Fla.	770	1,239	5,095	8,198
La.	397	639	7,721	12,423
Miss.	44	71	359	578
Tex.	367	591	3,359	5,405
Pacific coast	**7,623**	**12,265**	**40,298**	**64,839**
Alaska	5,580	8,978	31,383	50,495
Calif.	840	1,352	3,427	5,514
Hawaii	750	1,207	1,052	1,693
Oreg.	296	476	1,410	2,269
Wash.	157	253	3,026	4,869
Arctic coast, Alaska	**1,060**	**1,706**	**2,521**	**4,056**

– Represents zero.

[1] Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point.

[2] Figures obtained in 1939–1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

No. 342. Water Area, Other Than Inland Water—States

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 340. One square mile = 2.59 square kilometers]

BODY OF WATER	Area	
	Sq. mi.	Sq. km.
Total	**74,364**	**192,603**
Atlantic coastal water	2,298	5,952
Florida	37	96
Georgia	48	124
Maine	1,102	2,854
Massachusetts	959	2,484
Rhode Island	14	36
South Carolina	138	357
Chesapeake Bay	3,237	8,384
Maryland	1,726	4,470
Virginia	1,511	3,913
Delaware Bay	665	1,722
Delaware	350	907
New Jersey	315	816
Lake Erie	5,002	12,955
Michigan	216	559
New York	594	1,538
Ohio	3,457	8,954
Pennsylvania	735	1,904
Straits of Georgia and Juan de Fuca:		
Washington	1,610	4,170
Lake Huron: Michigan	8,975	23,245
Long Island Sound	1,299	3,364
Connecticut	573	1,484
New York	726	1,880
Gulf of Mexico coastal water	3,837	9,938
Alabama	560	1,450
Florida	1,698	4,398
Louisiana	1,016	2,631
Mississippi	556	1,440
Texas	7	18
Lake Michigan	22,178	57,441
Illinois	1,526	3,952
Indiana	228	591
Michigan	13,037	33,766
Wisconsin	7,387	19,132
New York Harbor	92	238
New Jersey	69	179
New York	23	60
Lake Ontario: New York	3,033	7,855
Pacific coastal water	343	888
California	69	179
Oregon	48	124
Washington	226	585
Puget Sound: Washington	561	1,453
Lake St. Clair: Michigan	116	300
Lake Superior	21,118	54,696
Michigan	16,231	42,038
Minnesota	2,212	5,729
Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940.*

No. 343. Extreme and Mean Elevations—States and Other Areas

[One foot = .305 meter]

State or other area	Highest point: Name	Highest point: Elevation, Feet	Highest point: Elevation, Meters	Lowest point: Name	Lowest point: Elevation, Feet	Lowest point: Elevation, Meters	Approximate mean elevation, Feet	Approximate mean elevation, Meters
U.S.	**Mt. McKinley (Alaska)**	**20,320**	**6,198**	**Death Valley (Calif.)**	**−282**	**−86**	**2,500**	**763**
Ala.	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
Alaska	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
Ariz.	Humphreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
Ark.	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
Calif.	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
Colo.	Mount Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
Conn.	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(1)	(1)	500	753
Del.	Ebright Road, New Castle Co.	442	135	Atlantic Ocean	(1)	(1)	60	18
D.C.	Tenleytown	410	125	Potomac River	1	(Z)	150	46
Fla.	Sec. 30, T6N, R20W, Walton County [2]	345	105	Atlantic Ocean	(1)	(1)	100	31
Ga.	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
Hawaii	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
Idaho	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
Ill.	Charles Mound	1,235	377	Mississippi River	279	85	600	183
Ind.	Franklin Twp., Wayne Co.	1,257	383	Ohio River	320	98	700	214
Iowa	Sec. 29, T100N, R41W, Osceola County [2]	1,670	509	Mississippi River	480	146	1,100	336
Kans.	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
Ky.	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
La.	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
Maine	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
Md.	Backbone Mountain, near Kempton, W.Va.	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
Mass.	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
Mich.	Mount Curwood	1,980	604	Lake Erie	572	174	900	275
Minn.	Eagle Mountain, Cook Co.	2,301	702	Lake Superior	602	184	1,200	366
Miss.	Woodall Mountain, near Iuka	806	246	Gulf of Mexico	(1)	(1)	300	92
Mo.	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
Mont.	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
Nebr.	Johnson Twp., Kimball Co., T12N, R59W [2]	5,426	1,665	Southeast corner of State	840	256	2,600	793
Nev.	Boundary Peak	13,143	4,008	Colorado River	470	143	5,500	1,678
N.H.	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
N.J.	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
N.Mex.	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
N.Y.	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
N.C.	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
N.Dak.	White Butte, Slope Co.	3,506	1,069	Red River	750	229	1,900	580
Ohio	Campbell Hill	1,550	473	Ohio River	433	132	850	259
Okla.	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
Oreg.	Mount Hood	11,235	3,427	Pacific Ocean	(1)	(1)	3,300	1,007
Pa.	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
R.I.	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
S.C.	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
S.Dak.	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
Tenn.	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
Tex.	Guadalupe Peak	8,751	2,669	Gulf of Mexico	(1)	(1)	1,700	519
Utah	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
Vt.	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
Va.	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
Wash.	Mount Rainier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
W.Va.	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
Wis.	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	314
Wyo.	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
P.Rico	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
C.Zone	Cerro Galera	1,205	368	Atlantic Ocean	(1)	(1)	280	85
Guam	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
V.Is.	Crown Mountain	1,556	475	Atlantic Ocean	(1)	(1)	750	229

Z Less than .5 meter.
[1] Sea level. [2] "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.
Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1973.

No. 344. Lengths of Principal Rivers

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (*a*) original headwater of named river where name applies to entire length of channel, or (*b*) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile = 1.609 kilometers]

River/outflow	Length		River/outflow	Length	
	Miles	Kilometers		Miles	Kilometers
Arkansas/Mississippi River	1,450	2,333	Missouri-Red Rock/Mississippi River	2,564	4,125
Brazos/Gulf of Mexico	1,309	2,106	Mobile-Alabama-Coosa/Mobile Bay	639	1,028
Canadian/Arkansas River	906	1,458	North Canadian/Canadian River	784	1,261
Cimarron/Arkansas River	698	1,123	North Platte/Platte River	680	1,094
Colorado (U.S.-Mex.)/Gulf of Calif.	1,450	2,333			
Colorado (Texas)/Matagorda Bay	894	1,438	Ohio/Mississippi River	981	1,578
Columbia/Pacific Ocean	1,214	1,953	Ohio-Allegheny/Mississippi River	1,306	2,101
Columbia, Upper/to mouth of Snake River	890	1,432	Ouachita/Red River	605	973
Cumberland/Ohio River	687	1,105	Pecos/Rio Grande	926	1,490
Gila/Colorado River	630	1,014	Red (Okla.-Tex.-La.)/Mississippi River	1,222	1,966
Green (Utah-Wyo.)/Colorado River	730	1,175	Rio Grande/Gulf of Mexico	1,885	3,033
James (N.Dak.-S.Dak.)/Missouri River	710	1,142	St. Lawrence/Lake Ontario	800	1,287
Kuskokwim/Kuskokwim Bay	800	1,287	Snake/Columbia River	1,000	1,609
Milk/Missouri River	625	1,006	Tanana/Yukon River	800	1,287
			Tennessee/Ohio River	652	1,049
Mississippi/Mouth of SW Pass	2,348	3,778	Tennessee-French Broad/Ohio River	869	1,398
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	Trinity/Trinity Bay	715	1,150
Mississippi-Missouri-Red Rock/mouth of SW Pass	3,741	6,019	Washita/Red River	626	1,007
Missouri/Mississippi River	2,315	3,725	White (Ark.-Mo.)/Mississippi River	685	1,102
			Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

No. 345. Areas of Selected Natural Lakes

[Comprises lakes with surface area of 150 square miles or more. One square mile = 2.59 square kilometers]

Lake and location	Area		Lake and location	Area	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Becharof (Alaska)	458	1,186	Lake of the Woods (Minn. and Canada)	1,485	3,846
Champlain (N.Y., Vt., and Canada)	490	1,269	Leech (Minn.)	176	456
Flathead (Montana)	197	510	Mille Lacs (Minn.)	207	536
Great Salt [1] (Utah)	[2] 1,685	[2] 4,365	Naknek (Alaska)	242	627
Iliamna (Alaska)	1,000	2,590	Okeechobee (Fla.)	700	1,813
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada)	9,940	25,745	Pontchartrain [1] (La.)	625	1,619
Lake Huron (Mich. and Canada)	23,010	59,596	Pyramid [1] (Nev.)	[2] 172	[2] 445
Lake Michigan (Ill., Ind., Mich., and Wis.)	22,400	58,016	Rainy (Minn. and Canada)	345	894
Lake Ontario (N.Y. and Canada)	7,540	19,529	Red Lake, Upper and Lower (Minn.)	451	1,168
Lake Superior (Mich., Minn., Wis., and Canada)	31,820	82,414	St. Clair (Mich. and Canada)	460	1,191
			Salton Sea [1] (Calif.)	[2] 374	[2] 969
			Tahoe (Calif. and Nev.)	193	500
			Teshekpuk (Alaska)	315	816
			Winnebago (Wis.)	215	557

[1] Salty. [2] Variable. Estimated from elevation of water surface as of December 1976.

Source: U.S. Geological Survey, *Principal Lakes of the United States*, Circular 476.

No. 346. Estimated Daily Water Use: 1940 to 1975, and Projections to 2000

[Daily average. 1940–1960 not strictly comparable to later years due to differences in estimation procedures. Prior to 1960, excludes Alaska and Hawaii. One gallon=3.785 liters. See also *Historical Statistics, Colonial Times to 1970*, series J 92–103]

Year	Total water use [1]		Irrigation [2]		Public water utilities [3]		Self-supplied uses: Rural domestic [4]		Self-supplied uses: Industrial and miscellaneous [5]		Self-supplied uses: Steam electric utilities [1]	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
GALLONS (bil.)												
1940	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	.02
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	.05
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	.10
1965	269.62	48.57	110.85	30.04	23.74	5.96	4.08	3.86	46.41	8.63	84.54	.08
1970	377.50	63.18	130.00	46.80	27.03	6.65	4.50	3.61	46.00	6.00	170.00	.12
1975	337.55	82.14	158.23	56.30	26.36	10.70	3.98	3.90	60.08	9.77	88.90	1.47
1985	329.35	80.14	165.76	54.93	29.63	10.44	4.52	3.81	34.58	9.53	94.86	1.43
2000	306.03	74.47	153.54	51.04	34.17	9.70	4.91	3.54	33.36	8.86	80.05	1.33
LITERS (bil.)												
1940	516.39	85.39	268.85	42.47	38.23	10.67	11.73	9.99	109.77	22.18	87.81	.08
1950	767.22	133.19	378.50	74.94	53.37	14.31	17.41	15.48	144.21	28.27	173.73	.19
1960	1,222.18	220.17	510.98	133.38	83.27	21.50	22.71	21.12	231.64	43.79	373.58	.38
1965	1,020.51	183.84	419.57	113.70	89.86	22.56	15.44	14.61	175.66	32.66	319.98	.30
1970	1,428.95	239.14	492.05	177.14	102.31	25.17	17.03	13.66	174.11	22.71	643.45	.45
1975	1,277.63	310.90	598.90	213.10	99.77	40.50	15.06	14.76	227.41	36.98	336.49	5.56
1985	1,246.59	303.33	627.40	207.91	112.15	39.52	17.11	14.42	130.88	36.07	359.05	5.41
2000	1,158.32	281.87	581.15	193.19	129.33	36.71	18.58	13.40	126.27	33.54	302.99	5.03

[1] Beginning 1975, decline in water use reflects the increasing use of recycled treated effluents and cooling water by industrial water users and steam electric utilities.
[2] Total take, including delivery losses but not including reservoir evaporation.
[3] Includes domestic central and commercial water withdrawals.
[4] Rural farm and nonfarm household and garden use, and water for farm stock and dairies.
[5] For 1940–1960, includes manufacturing and mineral industries, rural commercial industries, air-conditioning, resorts, hotels, motels, military and other State and Federal agencies, and other miscellaneous uses; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and other miscellaneous uses.

Source: U.S. Bureau of Domestic Business Development, 1940–1960 based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, 1960; 1965, *National Assessment of the Water Resources Council*, 1968; 1970, U.S. Geological Survey Circular 676, *Estimated Use of Water in the United States in 1970:* thereafter U.S. Water Resources Council preliminary reports of the second *National Assessment by the Water Resources Council.*

No. 347. Status of Authorized Federal Water Projects of the Corps of Engineers and Bureau of Reclamation: 1979

[**In millions of dollars, except number of projects.** For year ending **Sept. 30**]

Status	Number of projects	Estimated Federal cost [1]	Allocation through 1978	1979 budget allocations	Balance to complete
CORPS OF ENGINEERS					
Total	**4,377**	**55,257**	**27,490**	**1,296**	**19,659**
Construction not started	251	10,810	147	21	10,642
Active underway	235	21,235	11,244	1,212	8,779
Completed projects	3,454	15,858	15,858	–	–
Deferred projects	123	1,679	40	–	–
Inactive projects	278	5,256	83	–	–
Other	36	419	118	63	238
BUREAU OF RECLAMATION					
Total	**256**	**17,072**	**7,577**	**479**	**9,016**
Construction not started	17	1,147	26	5	1,116
Active underway	69	13,277	5,628	462	7,187
Completed projects	158	1,831	1,831	–	–
Inactive projects	10	627	44	–	583
Other	2	190	48	12	130

– Represents zero. [1] Gross cost, excluding reimbursements, revenues, and contributions by other parties.

Source: U.S. Corps of Engineers, *Civil Works Summary—Active Authorized Backlog, Fiscal Year 1979*, and U.S. Bureau of Reclamation, unpublished data.

No. 348. Water Withdrawn Per Day—States and Puerto Rico: 1970 and 1975

[Quantities are given to two significant figures; therefore, figures do not add to totals. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

State	Water withdrawn 1970 Per capita [1]	Water withdrawn 1970 Total	Water withdrawn 1975 Per capita [1]	Water withdrawn 1975 Total	Water withdrawn 1975 Surface	Fresh water consumed,[2] 1975
	Gal.	*Bil. gal.*	*Gal.*	*Bil. gal.*	*Bil. gal.*	*Mil. gal.*
Total	**1,800**	**370.0**	**1,900**	**420.0**	**330**	**96,000**
Ala	1,900	6.7	2,600	9.1	9	260
Alaska	830	.3	500	.2	(Z)	6
Ariz	3,900	6.8	3,500	7.8	3	5,900
Ark	1,600	3.0	2,400	5.1	3	2,200
Calif	2,400	48.0	2,400	51.0	31	23,000
Colo	6,000	13.0	4,000	10.0	7	5,300
Conn	1,200	3.5	850	2.7	3	160
Del	2,200	1.2	3,600	2.1	2	39
D.C	1,700	1.3	400	.3	(Z)	18
Fla	2,300	15.0	2,200	18.0	15	2,300
Ga	1,200	5.3	1,200	5.9	5	390
Hawaii	3,500	2.7	3,100	2.5	2	560
Idaho	22,000	16.0	21,000	17.0	12	4,900
Ill	1,400	16.0	1,200	13.0	12	200
Ind	1,700	8.6	2,100	11.0	11	370
Iowa	750	2.1	1,200	3.5	3	220
Kans	1,700	3.8	2,500	5.8	1	4,100
Ky	1,400	4.5	860	2.9	3	180
La	2,500	9.1	3,100	12.0	10	3,200
Maine	760	.8	1,100	1.2	1	41
Md	1,300	5.2	1,800	7.4	7	110
Mass	740	4.2	1,500	8.8	8	110
Mich	1,500	13.0	1,600	15.0	14	310
Minn	900	3.4	1,000	4.0	3	270
Miss	950	2.1	910	2.1	1	530
Mo	750	3.5	860	4.1	4	400
Mont	12,000	8.0	17,000	12.0	11	2,800
Nebr	4,100	6.0	5,700	8.7	3	6,000
Nev	6,700	3.3	5,800	3.5	3	1,600
N.H	940	.7	1,200	1.0	1	21
N.J	870	6.3	890	6.6	6	440
N. Mex	3,100	3.2	2,800	3.2	2	1,600
N.Y	970	18.0	1,200	24.0	23	740
N.C	1,200	5.9	1,100	6.0	6	490
N. Dak	1,000	.7	1,400	.9	1	240
Ohio	1,700	18.0	1,500	16.0	15	510
Okla	590	1.5	690	2.3	1	1,200
Oreg	2,800	5.9	3,300	6.9	6	3,200
Pa	1,700	20.0	1,500	18.0	17	830
R.I	490	.5	520	.5	(Z)	14
S.C	1,300	3.4	2,100	5.8	6	280
S.D	910	.6	800	.6	(Z)	300
Tenn	1,600	6.4	1,800	7.6	7	270
Tex	2,400	27.0	2,300	29.0	18	13,000
Utah	4,000	4.2	3,400	4.1	3	2,400
Vt	250	.1	700	.3	(Z)	110
Va	1,200	5.5	1,500	7.5	7	71
Wash	2,100	7.2	2,100	7.2	7	2,500
W.Va	3,300	5.8	3,400	6.2	6	66
Wis	1,400	6.3	710	3.2	3	240
Wyo	17,000	5.8	17,000	7.2	7	2,100
P.R.[3]	1,100	3.0	1,300	4.2	4	250

Z Less than 500 million. [1] Based on population as of July 1. [2] Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. [3] Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1975*, Circular 765.

No. 349. Percent of Population Using Fluoridated Water—States and Puerto Rico: 1975

[**Fluoridation status as of December 31, 1975; population estimates as of July 1, 1973.** Includes both natural and adjusted fluoridation. Based on information supplied by State health departments]

State	Population, 1973, (1,000)	Percent using fluoridated water, 1975	State	Population, 1973, (1,000)	Percent using fluoridated water, 1975	State	Population, 1973, (1,000)	Percent using fluoridated water, 1975	State or other area	Population, 1973, (1,000)	Percent using fluoridated water, 1975
U.S	**209,819**	**49.4**	Idaho	775	33.5	Mont	729	26.6	S.C	2,723	53.4
Ala	3,545	31.5	Ill	11,176	86.2	Nebr	1,532	46.1	S. Dak	681	61.5
Alaska	330	47.2	Ind	5,304	61.1	Nev	551	2.7	Tenn	4,094	67.0
Ariz	2,073	31.2	Iowa	2,862	61.9	N.H	794	13.2	Tex	11,828	52.8
Ark	2,034	38.3	Kans	2,264	95.7	N.J	7,325	21.4	Utah	1,150	2.3
Calif	20,651	22.0	Ky	3,328	51.4	N. Mex	1,099	63.8	Vt	465	36.9
Colo	2,467	83.8	La	3,745	23.2	N.Y	18,213	66.1	Va	4,843	51.3
Conn	3,079	79.4	Maine	1,038	40.6	N.C	5,302	45.4	Wash	3,431	39.8
Del	572	39.5	Md	4,073	68.1	N. Dak	635	50.7	W. Va	1,788	50.7
D.C	733	98.4	Mass	5,799	21.6	Ohio	10,743	41.4	Wis	4,539	62.2
Fla	7,745	35.8	Mich	9,061	76.1	Okla	2,668	63.3	Wyo	352	21.0
Ga	4,818	41.5	Minn	3,890	71.5	Oreg	2,219	10.7	P.R	2,950	81.4
Hawaii	841	6.4	Miss	2,317	24.6	Pa	11,861	46.2			
			Mo	4,767	40.4	R.I	967	66.8			

Source: U.S. Center for Disease Control, Atlanta, Ga., *Fluoridation Census, 1975*.

No. 350. Federal Outlays for the Environment, by Activity: 1973 to 1978

[In millions of dollars. Through 1976, for years ending June 30, except as noted; thereafter, for years ending Sept. 30]

ACTIVITY	1973	1974	1975	1976	1976, TQ [1]	1977	1978
Total	**3,701**	**4,909**	**5,995**	**7,481**	**2,298**	**9,212**	**11,024**
Annual percent change	28.9	32.6	22.1	24.8	(x)	23.1	19.7
Protection and enhancement	820	870	1,128	1,294	405	1,498	2,106
Aid to State and local governments	248	333	403	392	122	426	650
City recreation	69	93	110	98	49	205	306
Preservation and protection [2]	19	25	(z)	2	1	–	(z)
Noncity general recreation	84	121	151	142	35	145	182
Sport fish and wildlife	66	68	90	85	23	7	8
Historic preservation and rehabilitation	9	11	11	14	5	47	75
Other	1	15	41	50	10	22	79
Direct Federal activities	571	537	725	902	283	1,073	1,456
City recreation	46	108	145	139	36	113	172
Preservation and protection [2]	155	151	164	245	85	303	417
Noncity general recreation	172	128	189	264	94	325	380
Sport fish and wildlife	110	62	128	160	41	163	219
Historic preservation and rehabilitation	53	41	60	39	14	73	102
Other	36	48	39	55	14	95	166
Understanding, describing, and predicting	956	1,065	1,296	1,651	459	1,885	2,170
Observe and predict weather, ocean conditions, and disturbances [3]	452	484	595	661	187	709	712
Locate and describe natural resources	250	260	351	423	104	490	706
Physical environment surveys	103	115	146	155	37	199	209
Weather modification activities	17	22	24	17	8	20	17
Research on environmental impact on people	66	96	57	227	75	261	291
Ecological and other basic environmental research	66	89	125	169	49	206	234
Pollution abatement and control	1,925	2,974	3,571	4,536	1,434	5,829	6,748

– Represents zero. X Not applicable. Z Less than $500,000.
[1] Transition quarter, July–Sept. [2] Unique natural areas and endangered species. [3] Includes earthquakes.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 351. Federal Funds for Pollution Abatement and Control—Summary: 1974 to 1978

[In millions of dollars. Through 1975, for years ending June 30; thereafter, for years ending Sept. 30. except as noted. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government. Outlays refer to the issuance of checks or disbursements of cash by the Government to liquidate obligations. Outlays during any fiscal year may be payments of obligations incurred in prior years or in same year:

MEDIA OR POLLUTANT	OBLIGATIONS					AGENCY	OUTLAYS				
	1974	1975	1976 [1]	1977	1978, est.		1974	1975	1976 [1]	1977	1978, est.
Total	**4,333**	**6,103**	**7,536**	**10,029**	**6,432**	**Total**	**2,974**	**3,571**	**5,970**	**5,829**	**6,748**
Water	3,465	5,179	6,128	8,693	5,044	EPA [4]	2,032	2,530	4,226	4,365	5,115
Air	490	348	419	416	409	Dept. of Energy [5]	(x)	(x)	(x)	242	281
Land	40	57	150	94	114	Dept. of Defense	240	355	580	482	425
Other [2]	338	519	840	825	864	Dept. of Agriculture [6]	123	143	223	193	200
Selected pollutants: [3]						Dept. of Interior	41	53	89	87	116
						Dept. of Commerce [6]	58	52	77	107	182
Radiation	121	160	144	97	110	Dept. of Transportation	59	80	92	120	141
Noise	61	50	56	60	69	National Aeronautics and Space Admin.	23	75	87	79	79
Pesticides	64	59	79	75	88	Other [5]	398	283	596	154	209
Solid wastes	109	174	123	108	143						

X Not applicable. [1] Covers 15 months ending Sept. 30. [2] Includes more than one of media shown above and funds not assigned to specific media for: Pollution abatement and control in living things; research into pollution sources and effects; radiation research and control; standards-setting and development; technical support; personnel, contruction, and administrative costs. [3] Funds for "Selected pollutants" included in "media" breakdown above. [4] Environmental Protection Agency. [5] Dept. of Energy succeeded the Federal Energy Administration (FEA), the Energy Research and Development Admin. (ERDA), and parts of several other agencies beginning in 1977. Funds for predecessor agencies are included in "Other." [6] Includes expenditures for water and sewer programs.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 352. National Expenditures for Pollution Abatement and Control, 1972 to 1976, and by Media, 1975 and 1976

[**In millions of dollars.** Excludes agricultural business, real estate operators, private medical, legal, educational, and cultural services, and nonprofit organizations. Minus sign (−) denotes deductions for costs recovered which represent the value of reclaimed materials or engergy reused in production, or revenues received from the sale of these items]

TYPE	1972	1973	1974	1975, prel.				1976, prel.			
				Total [1]	Air	Water	Solid waste	Total [1]	Air	Water	Solid waste
Total expenditures	18,699	22,412	26,214	30,942	13,059	13,306	4,800	34,679	14,536	15,104	5,318
Percent Government of total	29.4	27.9	28.7	28.6	4.1	46.9	34.3	28.2	4.2	45.5	33.1
Pollution abatement	17,511	21,021	24,628	29,192	12,272	12,863	4,726	32,769	13,710	14,603	5,253
Personal consumption	1,604	2,158	2,746	3,675	3,675	–	–	4,430	4,430	–	–
Durable goods	473	669	685	1,349	1,349	–	–	1,815	1,815	–	–
Nondurable goods and services	1,131	1,489	2,061	2,326	2,326	–	–	2,615	2,615	–	–
Business	11,075	13,434	15,346	17,823	8,380	7,002	3,135	19,867	9,024	8,157	3,540
On capital account	5,709	7,024	7,345	8,416	4,575	3,422	420	9,004	4,571	3,981	452
On current account	5,365	6,410	8,001	9,407	3,805	3,580	2,715	10,863	4,452	4,177	3,088
Private	4,634	5,537	6,906	8,177	3,727	1,735	2,715	9,549	4,375	2,087	3,088
Govt. enterprise	1,147	1,343	1,633	1,923	78	1,845	–	2,168	78	2,090	–
Costs recovered	−415	−470	−538	−694	–	–	–	−855	–	–	–
Government	4,832	5,429	6,536	7,694	217	5,861	1,591	8,472	256	6,446	1,713
Federal	143	207	298	435	88	273	50	473	105	260	52
State and local	1,335	1,456	1,613	1,822	1	280	1,541	1,979	1	315	1,661
Govt. enterprise fixed capital	3,355	3,767	4,624	5,437	128	5,309	–	6,021	150	5,871	–
Regulation and monitoring	367	490	598	646	204	279	33	716	214	324	27
Federal	200	278	349	375	66	153	26	387	69	151	21
State and local	167	212	249	271	138	126	6	328	145	173	6
Research and development	822	902	988	1,104	583	164	42	1,194	612	177	39
Private	518	568	606	607	466	67	21	618	475	74	20
Federal	205	269	344	450	109	78	15	531	131	85	14
State and local	99	65	39	47	8	19	6	45	6	18	4

– Represents zero. [1] Includes expenditures for abatement and control of noise, radiation, and pesticide pollution, and unallocated business expenditures, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1978.

No. 353. Governmental Expenditures for Water, Land, and Air Quality Control Activities: 1974 to 1976

[**In millions of dollars.** For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control and abatement of water pollution, land pollution caused by improper disposal of solid and hazardous wastes, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL			LAND QUALITY CONTROL [1]			AIR QUALITY CONTROL		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
Federal expenditures	2,106	2,552	3,139	50	62	98	231	213	242
Direct	246	377	456	45	55	94	195	179	189
Intergovernmental	1,860	2,175	2,682	5	7	4	36	34	53
State expenditures	636	751	939	81	105	108	72	95	157
Direct	212	316	326	66	89	87	64	86	148
Current operation	117	158	173	61	70	79	59	73	83
Capital outlay	95	157	153	5	19	8	5	14	65
Intergovernmental	424	436	613	16	16	21	7	9	10
Local expenditures, direct [1]	4,099	5,323	6,008	1,932	2,127	2,321	38	41	39
Current operation	1,446	1,695	1,988	1,181	1,845	2,086	33	38	38
Capital outlay	2,653	3,628	4,020	251	282	235	5	3	1

[1] Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2.

[2] Local data for water quality control represents sewerage; for land quality control, "sanitation other than sewerage" activities; and for air quality control, represents expenditures only for the 48 largest cities and the 58 largest counties.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances and Employment: Fiscal Year 1973–74* (GSS No. 76) and *Environmental Quality Control, Governmental Finances: Fiscal Year 1975–76* (GSS No. 86).

No. 354. Capital Expenditures by Business for Pollution Abatement, by Industry: 1974 to 1977

[Covers expenditures for new plant and equipment. See table 930 for final total capital outlays by business. Excludes expenditures of agricultural business and outlays charged to current account]

Industry	Pollution abatement expenditures (mil. dol.)							Percent of total capital outlays by business [1]				
	1974	1975	1976	1977				1974	1975	1976	1977	
				Total	Air	Water	Solid waste				Total	Air
All industries	**5,617**	**6,549**	**6,762**	**6,939**	**3,693**	**2,785**	**461**	**5.0**	**5.8**	**5.6**	**5.1**	**2.7**
Manufacturing	3,656	4,475	4,382	4,282	2,032	1,993	258	8.0	9.3	8.3	7.0	3.3
Durable goods	1,648	1,775	1,560	1,668	941	636	91	7.3	8.1	6.6	5.9	3.3
Primary metals	798	1,012	923	927	607	295	26	16.6	17.2	15.7	15.7	10.3
Electrical machinery	207	136	148	111	30	65	15	6.8	5.8	5.6	3.4	.9
Machinery, except electrical	77	83	80	104	51	49	5	1.8	1.8	1.6	1.8	.9
Transportation equip.	140	116	125	163	58	74	31	3.7	3.4	3.4	3.1	1.1
Stone, clay, and glass	191	198	103	149	107	39	4	12.9	14.3	6.1	7.3	5.2
Other	235	229	181	213	88	116	10	4.5	5.3	3.9	3.6	1.5
Nondurable goods	2,008	2,700	2,821	2,615	1,091	1,357	167	8.7	10.3	9.6	8.0	3.3
Food, incl. beverages	150	175	175	176	71	96	8	4.7	5.2	4.5	4.2	1.7
Textiles	28	31	37	35	11	23	1	3.3	4.6	4.4	3.8	1.2
Paper	491	489	511	468	188	256	23	19.3	16.8	14.7	13.8	5.5
Chemicals	469	684	765	701	249	414	38	8.3	10.9	11.4	10.2	3.6
Petroleum	796	1,239	1,275	1,167	531	546	90	10.1	11.8	10.9	8.2	3.7
Rubber	47	41	37	47	31	12	4	3.2	4.0	3.4	3.3	2.1
Other	28	41	23	21	9	9	2	1.8	2.8	1.4	1.2	.5
Nonmanufacturing	1,961	2,074	2,381	2,657	1,661	792	204	3.0	3.2	3.5	3.5	2.2
Mining	57	73	86	97	38	32	27	1.8	1.9	2.2	2.2	.9
Railroad	29	35	27	28	4	23	2	1.2	1.4	1.1	1.0	.1
Air transportation	7	11	16	14	12	1	1	.4	.6	1.2	.8	.7
Other transportation	46	41	38	23	11	10	2	2.3	1.4	1.1	1.0	.5
Public utilities	1,622	1,700	2,032	2,300	1,525	654	121	7.9	8.4	9.1	8.8	5.8
Communication, commercial, and other [2]	201	214	182	195	73	72	51	.6	.6	.5	.5	.2

[1] Based on industry totals (pollution abatement and total new plant and equipment expenditures) reported in source.
[2] Includes trade, service, construction, finance, and insurance.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1978.

No. 355. Solid Waste Generation, Resource Recovery, and Disposal by Type of Material: 1971 to 1976

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated]

Item and material	1971	1972	1973	1974	1975	1976
Gross waste generated	132.9	139.3	144.2	144.1	136.1	144.7
Per person per day ... lb.	3.52	3.65	3.75	3.70	3.40	3.68
Resources recovered	8.1	8.8	9.6	9.4	8.0	9.2
Per person per day ... lb.	.21	.23	.23	.23	.20	.23
Net waste disposed of	124.8	130.5	134.6	134.8	128.2	135.5
Per person per day ... lb.	3.31	3.42	3.52	3.48	3.20	3.45
Paper	39.1	42.5	44.2	43.4	37.2	42.3
Glass	12.0	12.7	13.2	12.9	13.3	13.5
Metal	11.8	12.1	12.4	13.0	12.2	12.2
Plastics	4.2	4.7	5.0	4.5	4.4	5.1
Food waste	22.0	22.2	22.4	22.6	22.8	23.0
Yard waste	24.1	24.5	25.0	25.5	26.0	26.6
Other [1]	11.5	11.7	12.3	12.9	12.2	12.8

[1] Includes rubber and leather, wood, textiles, and miscellaneous organics.

Source: U.S. Environmental Protection Agency, *Resource Recovery and Source Reduction*, annual.

No. 356. National Ambient Air Quality Stations—Total Stations Reporting, and Number Exceeding Air Quality Standards, by Pollutant: 1970 to 1976

["Exceeding" refers to the number of times when volume of pollution measured in air samples was greater than the standard. Minimal data consist of at least three 24-hour samples or 400 hourly values. Valid annual data records must contain at least five of the scheduled 24-hour samples or 75 percent of possible hourly values in all four quarters. See text, p. 204. μg/m³=micrograms of pollutant per cubic meter of air; mg/m³=milligrams of pollutant per cubic meter of air]

ITEM	1970	1972	1973	1974	1975	1976	
						Total	Exceeding by 50 percent
Suspended particulates:							
Stations reporting at least minimal data	1,283	2,972	3,762	4,270	4,177	4,205	(X)
Exceeding 24-hour secondary standard (150 μg/m³)	668	1,275	1,458	1,421	1,269	1,360	520
Exceeding 24-hour primary standard (260 μg/m³)	212	311	355	319	276	347	89
Stations with valid annual data	763	1,889	2,024	2,571	2,464	2,691	(X)
Exceeding annual secondary guide (60 μg/m³)	550	1,060	996	1,060	984	1,206	267
Exceeding annual primary standard (75 μg/m³)	385	626	521	537	453	595	106
Sulfur dioxide:							
Stations reporting at least minimal data	403	1,311	2,008	2,465	2,449	2,500	(X)
Exceeding 24-hour primary standard (365 μg/m³)	33	42	103	113	88	74	41
Exceeding 3-hour secondary standard (1,300 μg/m³)	13	26	52	76	54	44	25
Stations with valid annual data	184	588	716	1,398	1,374	1,552	(X)
Exceeding annual primary standard (80 μg/m³)	29	20	24	40	35	34	4
Carbon monoxide:							
Stations reporting at least minimal data	73	191	299	407	431	432	(X)
Exceeding 1-hour standard (40 mg/m³)	14	16	33	28	25	8	–
Exceeding 8-hour standard (10 mg/m³)	60	114	192	233	237	216	76
Total oxidants or ozone:							
Stations reporting at least minimal data	51	162	265	368	492	549	(X)
Exceeding 1-hour standard (160 μg/m³)	45	115	217	302	412	472	320
Nitrogen dioxide:							
Stations reporting valid annual data	28	47	67	773	892	1,123	(X)
Exceeding annual standard (100 μg/m³)	9	8	10	19	20	21	–

– Represents zero. X Not applicable.

No. 357. Air Pollutant Emissions, by Source: 1970 to 1976

[Estimates]

YEAR AND POLLUTANT	Total emissions (mil. tons)	CONTROLLABLE EMISSIONS (mil. tons)						Misc. uncontrollable (mil. tons)	PERCENT OF TOTAL		
		Transportation		Fuel combustion [1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion [1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970:											
Carbon monoxide	110.0	87.3	76.8	1.3	.2	8.8	6.7	5.8	79.4	1.2	8.0
Sulfur oxides	32.1	.8	.3	24.6	17.3	6.5	.1	.1	2.4	76.6	20.3
Hydrocarbons	32.7	13.9	12.2	1.7	.1	9.4	1.9	6.0	42.4	5.1	28.6
Particulates [2]	24.9	1.2	.8	7.8	4.5	13.7	1.2	1.0	4.9	31.4	54.9
Nitrogen oxides	22.5	9.3	6.9	12.0	5.6	.7	.3	.2	41.3	53.3	3.1
1974:											
Carbon monoxide	100.8	81.5	72.3	1.4	.3	9.0	3.5	5.3	80.9	1.4	9.0
Sulfur oxides	31.1	.9	.4	24.1	18.7	5.8	.1	.1	2.8	77.7	18.8
Hydrocarbons	31.5	12.5	10.8	1.7	.1	10.1	1.0	6.3	39.5	5.2	32.2
Particulates [2]	19.3	1.3	.3	6.2	4.2	10.4	.6	.9	6.9	32.0	53.7
Nitrogen oxides	24.9	10.6	8.0	13.1	6.8	.8	.2	.2	42.5	52.7	3.1
1975:											
Carbon monoxide	94.7	78.8	69.8	1.3	.3	7.8	3.2	3.5	83.2	1.4	8.3
Sulfur oxides	28.3	.9	.4	22.7	18.4	4.6	–	.1	3.1	80.2	16.3
Hydrocarbons	28.9	12.0	10.4	1.5	.1	9.4	.9	5.1	41.6	5.3	32.4
Particulates [2]	15.9	1.3	.9	5.8	4.3	7.6	.4	.7	8.3	36.8	47.9
Nitrogen oxides	24.5	10.9	8.4	12.3	6.7	.8	.2	.2	44.6	50.5	3.2
1976:											
Carbon monoxide	96.1	76.8	67.7	1.3	.3	8.6	3.1	6.3	80.0	1.4	8.9
Sulfur oxides	29.6	.9	.4	24.1	19.4	4.5	–	.1	3.0	81.4	15.2
Hydrocarbons	30.7	11.9	10.2	1.5	.1	10.4	.9	6.1	38.7	5.0	33.7
Particulates [2]	14.8	1.3	.9	5.1	3.5	6.9	.4	1.0	9.0	34.3	47.0
Nitrogen oxides	25.3	11.1	8.6	13.0	7.3	.8	.1	.3	43.9	51.3	3.0

– Represents zero. [1] Stationary. [2] See footnote 1, table 358.

Source of tables 356 and 357: U.S. Environmental Protection Agency, *National Air Quality and Emission Trends Report*, 1976.

No. 358. Air Pollutants—National Emission Estimates: 1970 to 1976

[One short ton=.907 metric ton]

Year	Short tons (mil.)					Metric tons (mil.)				
	Particulates [1]	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide	Particulates [1]	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide
1970	24.9	32.1	22.5	32.7	110.0	22.6	29.1	20.4	29.7	99.8
1971	23.6	30.7	23.5	32.3	110.4	21.4	27.9	21.3	29.3	100.2
1972	22.4	31.7	24.5	32.7	112.4	20.3	28.8	22.2	29.7	102.0
1973	21.9	32.7	25.2	32.8	108.3	19.9	29.7	22.9	29.8	98.3
1974	19.3	31.1	24.9	31.5	100.8	17.5	28.2	22.6	28.6	91.5
1975	15.9	28.3	24.5	28.9	94.7	14.4	25.7	22.2	26.2	85.9
1976	14.8	29.6	25.3	30.7	96.1	13.4	26.9	23.0	27.9	87.2

[1] Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report*, 1976.

No. 359. Motor Vehicle Pollutant Emissions per Vehicle-Mile Traveled: 1970 to 1979

[In grams per mile. Estimated]

Pollutant and source	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
All vehicles:										
Carbon monoxide	86.9	83.9	81.6	80.0	79.0	77.0	74.3	71.4	68.3	65.2
Hydrocarbons	12.1	11.4	10.8	10.3	9.9	9.4	8.9	8.4	7.9	7.3
Nitrogen oxides	4.7	4.7	4.9	4.8	4.7	4.6	4.4	4.1	3.9	3.8
Automobiles:										
Carbon monoxide	76.7	73.9	71.9	70.5	69.7	67.7	64.8	61.5	58.0	54.5
Hydrocarbons	10.8	10.2	9.6	9.1	8.7	8.3	7.7	7.2	6.6	6.0
Nitrogen oxides	3.8	3.9	4.0	3.9	3.8	3.6	3.4	3.1	2.9	2.7

Source: U.S. Environmental Protection Agency, *Mobile Source Emission Factors*, Final Document, March 1978.

No. 360. Automobile Pollutant Emissions, 1957–1967, and Federal Emission Standards, 1970–1981

[In grams per mile]

Period	Hydrocarbons	Carbon monoxide	Nitrogen oxides	Period	Hydrocarbons	Carbon monoxide	Nitrogen oxides
1957–1967 average	8.7	87	(NA)	1975–79 standards	1.5	15.0	[2] 2
1970–1971 standards	4.1	34	(X)	1980 standards	.41	7.0	2
1972–1974 standards	3.0	28	[1] 3	1981 standards	.41	3.4	1

NA Not available. X Not applicable. [1] Effective with 1973 model cars.
[2] Effective with 1977 model cars.

Source: U.S. Environmental Protection Agency, unpublished data.

No. 361. Major Oil Spills from Tankers and Barges in U.S. Waters: 1972 to 1977

[Covers spills larger than 50,000 gallons, within 200 miles of U.S. coastline. Summer=April through September; winter=October through March]

Item	1972–73	1973–74	1974–75	1975–76	1976–77
Number of spills, total	12	23	22	16	15
Summer	2	8	7	4	5
Winter	10	15	15	12	10
Oil spilled ... 1,000 gal.	5,294	5,182	7,331	9,251	11,516
Summer	1,998	1,614	1,909	1,259	972
Winter	3,296	3,568	5,422	7,992	10,544

Source: U.S. Council on Environmental Quality, *Major Oil Spills from Tankers, Barges, and Other Vessels in U.S. Waters—Analysis of Recent Trends and Patterns*, 1977.

No. 362. Polluting Discharges Reported in U.S. Waters: 1970 to 1976

[One gallon = 3.785 liters]

ITEM	Number of incidents	VOLUME		ITEM	Number of incidents	VOLUME	
		Gallons (1,000)	Liters (1,000)			Gallons (1,000)	Liters (1,000)
1970, total discharges	3,711	15,253	57,733	1976—Continued			
1971, total discharges	8,736	8,840	33,459	Marine facilities	560	377	1,426
1972, total discharges	9,931	18,806	71,181	Onshore/offshore	432	371	1,404
1973, total discharges	13,328	24,315	92,032	Land vehicles	464	614	2,323
1974, total discharges	13,966	16,916	64,027	Land facilities	182	443	1,676
1975, total discharges	12,057	14,967	56,653	Other and unknown	4,379	227	860
1976, total discharges	**12,655**	**33,852**	**128,129**	Type of pollutant:			
Vessel	3,296	11,192	42,362	Crude oil	2,667	4,991	18,890
Tank ship	623	8,930	33,800	Diesel oil	2,063	1,100	4,164
Tank barge	976	1,953	7,394	Other oil	5,930	17,035	64,477
Other	1,697	309	1,168	Other and unknown	1,995	10,726	40,598
Nontransportation facilities	3,121	16,469	62,336	Location:			
Onshore	708	6,435	24,355	Atlantic Coast	2,627	8,876	33,596
Offshore	1,358	275	1,040	Gulf Coast	4,482	7,640	28,916
Other	1,055	9,760	36,941	Pacific Coast	2,237	1,443	5,462
Pipelines	653	4,530	17,146	Great Lakes	973	8,757	33,145
				Inland	2,336	7,136	27,010

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, 1976.

No. 363. Synthetic Organic Pesticides—Production and Sales: 1960 to 1976

[Includes a small quantity of soil conditioners. Minus sign (–) denotes decrease]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976 [1]
Production, total ... mil. lb.	648	877	1,034	1,158	1,289	1,417	1,609	1,364
Average annual change [2] ... percent	(NA)	6.2	3.3	5.8	11.3	9.9	13.5	–15.2
Value [3] ... mil. dol.	307	577	1,058	1,345	1,493	1,985	2,918	2,880
Average annual change [2] ... percent	(NA)	13.5	12.9	12.8	11.0	33.0	47.0	–1.3
Sales, total [4] ... mil. lb.	570	764	881	1,022	1,199	1,365	1,317	1,193
Average annual change [2] ... percent	(NA)	6.0	2.9	7.7	17.3	13.9	–3.5	–9.5
Value [3] ... mil. dol.	262	497	870	1,092	1,344	1,815	2,359	2,410
Average annual change [2] ... percent	(NA)	13.7	11.9	12.0	23.1	35.1	29.9	2.2

NA Not available. [1] Preliminary. [2] From previous year shown. [3] Unit value at manufacturers' level multiplied by quantity produced. [4] As reported by U.S. International Trade Commission.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1977.

No. 364. Tornadoes, Floods, and Tropical Cyclones: 1946 to 1976

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946–1955	1956–1965	1966–1975	1970	1971	1972	1973	1974	1975	1976
Tornadoes, number [1]	2,969	6,572	8,030	653	888	741	1,102	947	920	835
Lives lost, total	1,751	924	1,172	72	156	27	87	361	60	44
Most in a single tornado	169	44	58	26	58	6	7	34	9	5
With property loss of $500,000 and over	130	191	428	30	35	29	76	107	42	47
Floods:										
Lives lost	808	557	1,528	135	74	540	105	121	114	187
Property loss ... mil. dol.	3,350	2,721	10,225	225	288	3,449	859	576	1,051	[2] 1,000
North Atlantic tropical cyclones and hurricanes: [3]										
Number reaching U.S. coast	40	33	25	4	5	3	1	1	1	2
Hurricanes only	21	14	13	1	3	1	–	1	1	1
Lives lost in U.S.	495	692	504	11	8	121	5	1	21	9

– Represents zero. [1] A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, characterized usually by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." [2] Preliminary estimate. [3] Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatological Data: National Summary*. Monthly with annual summary.

No. 365. Ground Elevation of Weather Stations and Occurrence of Freeze—Selected Cities

[Date of freeze based on 30-year period, 1931-1960, except as indicated]

State and station		Ground elevation (feet)	Occurrence of freeze, 32° F. (0° C.)				Mean number of days minimum temperature 32° F. or less	Length of record (yr.) [1]
			Spring date		Fall date			
			Mean	Latest	Mean	Earliest		
Ala.	Mobile [2]	211	Feb. 17	Mar. 20	Dec. 12	Nov. 14	20	10
Alaska	Juneau	12	May 13	June 7	Sept. 25	Aug. 24	152	29
Ariz.	Phoenix	1,117	Feb. 2	Mar. 14	Dec. 6	Nov. 5	15	12
Ark.	Little Rock	257	Mar. 17	Apr. 14	Nov. 10	Oct. 22	65	12
Calif.	Los Angeles	97	Jan. 1	Jan. 21	Dec. 30	Dec. 9	–	32
	Sacramento	17	Feb. 2	Apr. 8	Dec. 7	Nov. 4	20	12
	San Francisco	8	Jan. 17	Mar. 3	Dec. 22	Nov. 25	–	36
Colo.	Denver [2]	5,283	May 2	May 28	Oct. 14	Sept. 18	166	12
Conn.	Hartford [2]	169	Apr. 22	May 10	Oct. 19	Sept. 27	139	13
Del.	Wilmington [2]	74	Apr. 18	May 9	Oct. 26	Sept. 27	103	25
D.C.	Washington [2]	10	Apr. 10	May 12	Oct. 28	Oct. 2	80	12
Fla.	Jacksonville [2]	24	Feb. 6	Mar. 14	Dec. 16	Nov. 9	11	31
	Miami [2]	7	(3)	Feb. 6	(3)	(3)	–	8
Ga.	Atlanta	1,010	Mar. 19	Mar. 29	Nov. 10	Oct. 28	60	12
Hawaii	Honolulu [2]	7	(4)	(4)	(4)	(4)	(4)	15
Idaho	Boise [2]	2,838	Apr. 29	May 23	Oct. 16	Sept. 20	126	33
Ill.	Chicago	607	Apr. 19	May 4	Oct. 28	Oct. 7	120	9
	Peoria	652	Apr. 22	May 13	Oct. 20	Sept. 25	134	13
Ind.	Indianapolis [2]	792	Apr. 17	May 11	Oct. 27	Oct. 1	122	13
Iowa	Des Moines	938	Apr. 19	May 11	Oct. 22	Sept. 28	140	11
Kans.	Wichita [2]	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27	114	19
Ky.	Louisville [2]	477	Apr. 1	Apr. 19	Nov. 7	Oct. 15	95	12
La.	New Orleans [2]	4	Feb. 15	Mar. 20	Dec. 3	Nov. 13	12	26
Maine	Portland [2]	43	Apr. 29	May 30	Oct. 15	Sept. 17	161	32
Md.	Baltimore [2]	148	Mar. 28	Apr. 16	Nov. 17	Oct. 20	101	22
Mass.	Boston	15	Apr. 5	Apr. 15	Nov. 8	Oct. 22	103	8
Mich.	Detroit	619	Apr. 24	May 12	Oct. 22	Sept. 29	125	39
	Sault Ste. Marie	721	May 19	June 21	Sept. 28	Aug. 22	179	31
Minn.	Duluth [2]	1,428	May 13	June 1	Oct. 3	Sept. 13	188	11
	Minneapolis [2]	834	Apr. 30	May 24	Oct. 13	Sept. 18	160	13
Miss.	Jackson [2]	310	Mar. 10	Apr. 13	Nov. 13	Oct. 17	50	9
Mo.	Kansas City	742	Apr. 6	Apr. 20	Oct. 30	Oct. 6	99	11
	St. Louis	535	Apr. 9	Apr. 25	Nov. 1	Oct. 7	108	12
Mont.	Great Falls [2]	3,662	May 14	June 8	Sept. 26	Sept. 7	155	11
Nebr.	Omaha [2]	977	Apr. 14	May 11	Oct. 19	Sept. 24	139	9
Nev.	Reno [2]	4,404	May 14	June 25	Oct. 2	Aug. 30	188	9
N.H.	Concord [2]	342	May 11	May 26	Sept. 30	Sept. 13	174	7
N.J.	Atlantic City	64	Mar. 31	Apr. 13	Nov. 11	Oct. 22	115	8
N. Mex.	Albuquerque [2]	5,311	Apr. 16	May 18	Oct. 29	Oct. 11	120	12
N.Y.	Albany [2]	275	Apr. 27	May 20	Oct. 13	Sept. 23	159	7
	Buffalo [2]	705	Apr. 30	May 24	Oct. 25	Sept. 23	138	12
	New York [2]	132	Apr. 7	Apr. 24	Nov. 12	Oct. 19	82	59
N.C.	Charlotte [2]	736	Mar. 21	Apr. 16	Nov. 15	Oct. 15	74	12
	Raleigh [2]	434	Mar. 24	Apr. 25	Nov. 16	Oct. 24	85	8
N. Dak.	Bismarck [2]	1,647	May 11	June 2	Sept. 24	Sept. 6	186	13
Ohio	Cincinnati [2]	761	Apr. 15	May 25	Oct. 25	Sept. 28	99	57
	Cleveland [2]	777	Apr. 21	May 14	Nov. 2	Sept. 29	127	12
	Columbus [2]	812	Apr. 17	May 9	Oct. 30	Oct. 7	124	13
Okla.	Oklahoma City [2]	1,285	Mar. 28	Apr. 17	Nov. 7	Oct. 14	82	7
Oreg.	Portland	21	Feb. 22	May 2	Dec. 3	Oct. 14	44	32
Pa.	Philadelphia [2]	5	Mar. 30	Apr. 20	Nov. 17	Oct. 19	104	13
	Pittsburgh [2]	1,137	Apr. 16	May 4	Nov. 3	Oct. 10	126	13
R.I.	Providence [2]	51	Apr. 13	Apr. 24	Oct. 27	Oct. 3	127	9
S.C.	Columbia [2]	213	Mar. 14	Apr. 13	Nov. 21	Nov. 1	65	6
S. Dak.	Sioux Falls [2]	1,418	May 5	May 29	Oct. 3	Sept. 12	172	9
Tenn.	Memphis [2]	258	Mar. 20	Apr. 15	Nov. 12	Oct. 17	60	31
	Nashville [2]	590	Mar. 28	Apr. 19	Nov. 7	Oct. 17	81	7
Tex.	Dallas	481	Mar. 18	Apr. 13	Nov. 12	Oct. 27	35	13
	El Paso	3,918	Mar. 14	Mar. 29	Nov. 12	Nov. 1	61	12
	Houston	96	Feb. 12	Mar. 27	Dec. 4	Nov. 3	22	3
Utah	Salt Lake City [2]	4,220	Apr. 12	Apr. 30	Nov. 1	Sept. 25	137	13
Vt.	Burlington [2]	332	May 8	May 27	Oct. 3	Sept. 13	168	8
Va.	Norfolk [2]	22	Mar. 18	Apr. 14	Nov. 27	Nov. 7	55	24
	Richmond [2]	164	Apr. 2	Apr. 20	Nov. 8	Oct. 21	85	43
Wash.	Seattle	400	Feb. 23	Apr. 2	Nov. 30	Oct. 19	32	13
	Spokane	2,536	Apr. 21	May 14	Oct. 8	Sept. 19	140	13
W. Va.	Charleston [2]	939	Apr. 18	May 11	Oct. 28	Sept. 29	100	25
Wis.	Milwaukee [2]	672	Apr. 20	May 9	Oct. 25	Sept. 24	149	12
Wyo.	Cheyenne [2]	6,126	May 20	June 18	Sept. 27	Sept. 5	173	13
P.R.	San Juan [2]	13	(4)	(4)	(4)	(4)	(4)	17

– Represents zero. [1] Period ending in 1972. [2] Period of record 1921-1950. [3] When frequency of occurrence in either spring or fall is 1 year in 10, or less, mean dates are not given. [4] 32° F. never recorded.

Source: U.S. National Oceanic and Atmospheric Administration, *Climates of the States*.

No. 366. Normal Daily Mean Temperature—Selected Cities

[**In Fahrenheit degrees.** Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 110–136 and J 164–267, for related data]

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	51.2	54.0	59.4	67.9	74.8	80.3	81.6	81.5	77.5	68.9	58.5	52.9	67.4
Alaska Juneau	23.5	28.0	31.9	38.9	46.8	53.2	55.7	54.3	49.2	41.8	32.5	27.3	40.3
Ariz. Phoenix	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Ark. Little Rock	39.5	42.9	50.3	61.7	69.8	78.1	81.4	80.6	73.3	62.4	50.3	41.6	61.0
Calif. Los Angeles	54.5	55.6	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	61.7
Sacramento	45.1	49.8	53.0	58.3	64.3	70.5	75.2	74.1	71.5	63.3	53.0	45.8	60.3
San Francisco	48.3	51.2	53.0	55.3	58.3	61.6	62.5	63.0	64.1	61.0	55.3	49.7	56.9
Colo. Denver	29.9	32.8	37.0	47.5	57.0	66.0	73.0	71.6	62.8	52.0	39.4	32.6	50.1
Conn. Hartford	24.8	26.8	35.6	47.7	58.3	67.8	72.7	70.4	62.8	52.6	41.3	28.2	49.1
Del. Wilmington	32.0	33.6	41.6	52.3	62.4	71.4	75.8	74.1	67.9	57.2	45.7	34.7	54.0
D.C. Washington	35.6	37.3	45.1	56.4	66.2	74.6	78.7	77.1	70.6	59.8	48.0	37.4	57.3
Fla. Jacksonville	54.6	56.3	61.2	68.1	74.3	79.2	81.0	81.0	78.2	70.5	61.2	55.4	68.4
Miami	67.2	67.8	71.3	75.0	78.0	81.0	82.3	82.9	81.7	77.8	72.2	68.3	75.5
Ga. Atlanta	42.4	45.0	51.1	61.1	69.1	75.6	78.0	77.5	72.3	62.4	51.4	43.5	60.8
Hawaii Honolulu	72.3	72.3	73.0	74.8	76.9	78.9	80.1	80.7	80.4	78.9	76.5	73.7	76.6
Idaho Boise	29.0	35.5	41.1	49.0	57.4	64.8	74.5	72.2	63.1	52.1	39.8	32.1	50.9
Ill. Chicago	22.9	26.1	35.7	48.8	58.4	68.1	71.9	71.1	63.7	53.8	39.2	27.1	48.9
Peoria	23.8	27.7	37.3	51.3	61.5	71.3	75.1	73.5	65.5	55.0	39.9	28.0	50.8
Ind. Indianapolis	27.9	30.7	39.7	52.3	62.2	71.7	75.0	73.2	66.3	55.7	41.7	30.9	52.3
Iowa Des Moines	19.4	24.2	33.9	49.5	60.9	70.5	75.1	73.3	64.3	54.3	37.8	25.0	49.0
Kans. Wichita	31.3	36.3	43.6	56.6	66.1	75.8	80.7	79.7	70.6	59.6	44.8	34.5	56.6
Ky. Louisville	33.3	35.8	44.0	55.9	64.8	73.3	76.9	75.9	69.1	58.1	45.0	35.6	55.6
La. New Orleans	52.9	55.6	60.7	68.6	75.1	80.4	81.9	81.9	78.2	69.8	60.1	54.8	68.3
Maine Portland	21.5	22.9	31.8	42.7	52.7	62.2	68.0	66.4	58.7	49.1	38.6	25.7	45.0
Md. Baltimore	33.4	34.8	42.8	53.8	63.7	72.4	76.6	74.9	68.5	57.4	46.1	35.3	55.0
Mass. Boston	29.2	30.4	38.1	48.6	58.6	68.0	73.3	71.3	64.5	55.4	45.2	33.0	51.3
Mich. Detroit	25.5	26.9	35.4	48.1	58.4	69.1	73.3	71.9	64.5	54.3	41.1	29.6	49.9
Sault Ste. Marie	14.2	15.2	24.0	38.2	49.0	58.7	63.8	63.2	55.3	46.2	32.8	20.1	40.0
Minn. Duluth	8.5	12.1	23.5	38.6	49.4	59.0	65.6	64.1	54.4	45.3	28.4	14.4	38.6
Minneapolis-St. Paul	12.2	16.5	28.3	45.1	57.1	66.9	71.9	70.2	60.0	50.0	32.4	18.6	44.1
Miss. Jackson	47.1	49.8	56.1	65.7	72.7	79.4	81.7	81.2	76.0	65.8	55.3	48.9	65.0
Mo. Kansas City	27.8	33.1	41.2	55.0	65.0	73.9	78.8	77.4	68.8	58.6	43.6	32.3	54.5
St. Louis	31.3	35.1	43.3	56.5	65.8	74.9	78.6	77.2	69.6	59.1	45.0	34.6	55.9
Mont. Great Falls	20.5	26.6	30.5	43.4	53.3	60.8	69.3	67.4	57.3	48.3	34.6	26.5	44.9
Nebr. Omaha	22.6	28.0	37.1	52.3	63.0	72.2	77.2	75.6	66.3	55.9	40.0	28.0	51.5
Nev. Reno	31.9	37.1	40.3	46.8	54.6	61.5	69.3	66.9	60.2	50.3	40.1	33.0	49.4
N.H. Concord	20.6	22.6	32.3	44.2	55.1	64.7	69.7	67.2	59.5	49.3	38.0	24.8	45.6
N.J. Atlantic City	32.7	33.9	41.1	51.7	61.6	70.3	75.1	73.4	67.1	56.7	46.0	35.1	53.7
N. Mex. Albuquerque	35.2	40.0	45.8	55.8	65.3	74.6	78.7	76.6	70.1	58.2	44.5	36.2	56.8
N.Y. Albany	21.5	23.5	33.4	46.9	57.7	67.5	72.0	69.6	61.9	51.4	39.6	25.9	47.6
Buffalo	23.7	24.4	32.1	44.9	55.1	65.7	70.1	68.4	61.6	51.5	39.8	27.9	47.1
New York [1]	32.2	33.4	41.1	52.1	62.3	71.6	76.6	74.9	68.4	58.7	47.4	35.5	54.5
N.C. Charlotte	42.1	44.0	50.6	60.8	68.8	75.9	78.5	77.7	72.0	61.7	51.0	42.5	60.5
Raleigh	40.5	42.2	49.2	59.5	67.4	74.4	77.5	76.5	70.6	60.2	50.0	41.2	59.1
N. Dak. Bismarck	8.2	13.5	25.1	43.0	54.4	63.8	70.8	69.2	57.5	46.8	28.9	15.6	41.4
Ohio Cincinnati	31.1	33.3	41.7	53.9	63.2	72.1	75.6	74.4	67.8	56.8	43.8	33.7	54.0
Cleveland	26.9	27.9	36.1	48.3	58.3	67.9	71.4	70.0	63.9	53.8	41.6	30.3	49.7
Columbus	28.4	30.3	39.2	51.2	61.1	70.4	73.6	71.9	65.2	54.2	41.7	30.7	51.5
Okla. Oklahoma City	36.8	41.3	48.2	60.4	68.3	76.8	81.5	81.1	73.0	62.4	49.2	40.0	59.9
Oreg. Portland	38.1	42.8	45.7	50.6	56.7	62.0	67.1	66.6	62.2	53.8	45.3	40.7	52.6
Pa. Philadelphia	32.3	33.9	41.9	52.9	63.2	72.3	76.8	74.8	68.1	57.4	46.2	35.2	54.6
Pittsburgh	28.1	29.3	38.1	50.2	59.8	68.6	71.9	70.2	63.8	53.2	41.3	30.5	50.4
R.I. Providence	28.4	29.4	36.9	47.3	56.9	66.4	72.1	70.4	63.4	53.7	43.3	31.5	50.0
S.C. Columbia	45.4	47.6	54.2	64.1	72.1	78.8	81.2	80.2	74.5	64.2	53.8	46.0	63.5
S. Dak. Sioux Falls	14.2	19.4	30.0	46.1	57.7	67.6	73.3	71.8	60.9	50.2	33.1	20.0	45.4
Tenn. Memphis	40.5	43.8	51.0	62.5	70.9	78.6	81.6	80.4	73.6	63.0	50.9	42.7	61.6
Nashville	38.3	41.0	48.7	60.1	68.5	76.6	79.6	78.5	72.0	60.9	48.4	40.4	59.4
Tex. Dallas-Fort Worth	44.8	48.7	55.0	65.2	72.5	80.6	84.8	84.9	77.7	67.6	55.8	47.9	65.5
El Paso	43.6	48.4	54.6	63.9	72.2	80.3	82.3	80.5	74.2	64.0	51.6	44.4	63.4
Houston	52.1	55.3	60.8	69.4	75.8	81.1	83.3	83.4	79.2	70.9	61.1	54.6	68.9
Utah Salt Lake City	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Vt. Burlington	16.8	18.6	29.1	43.0	54.8	65.2	69.8	67.4	59.3	48.8	37.0	22.6	44.4
Va. Norfolk	40.5	41.4	48.1	57.8	66.7	74.5	78.3	76.9	71.8	61.7	51.6	42.3	59.3
Richmond	37.5	39.4	46.9	57.8	66.5	74.2	77.9	76.3	70.0	59.3	49.0	39.0	57.8
Wash. Seattle-Tacoma	38.2	42.3	44.1	48.7	54.9	59.8	64.5	63.8	59.6	52.2	44.6	40.5	51.1
Spokane	25.4	32.2	37.5	46.1	54.7	61.5	69.7	68.0	59.6	47.8	35.5	29.0	47.3
W.Va. Charleston	34.5	36.5	44.5	55.9	64.5	72.0	75.0	73.6	67.5	57.0	45.4	36.2	55.2
Wis. Milwaukee	19.4	22.5	31.4	44.7	54.2	64.5	69.9	69.2	61.1	51.0	36.5	24.2	45.7
Wyo. Cheyenne	26.6	29.0	31.6	42.7	52.4	61.3	69.1	67.6	58.2	47.9	35.5	29.2	45.9
P.R. San Juan	75.4	75.3	76.3	77.5	79.2	80.5	80.9	81.3	81.1	80.6	78.7	76.8	78.6

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 367. Normal Daily Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

State and station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	61.1	64.1	69.5	78.0	85.0	89.8	90.5	90.6	86.5	79.7	69.5	63.0	77.3
Alaska Juneau	29.1	33.9	38.2	46.5	55.4	62.0	63.6	62.3	56.1	47.2	37.3	32.0	47.0
Ariz. Phoenix	64.8	69.3	74.5	83.6	92.9	101.5	104.8	102.2	98.4	87.6	74.7	66.4	85.1
Ark. Little Rock	50.1	53.8	61.8	73.5	81.4	89.3	92.6	92.6	85.8	76.0	62.4	52.1	72.6
Calif. Los Angeles	63.5	64.1	64.3	65.9	68.4	70.3	74.8	75.8	75.7	72.9	69.6	66.5	69.2
Sacramento	53.0	59.1	64.1	71.3	78.8	86.4	92.9	91.3	87.7	77.1	63.6	53.3	73.2
San Francisco	55.3	58.6	61.0	63.5	66.6	70.2	70.9	71.6	73.6	70.3	63.3	56.5	65.1
Colo. Denver	43.5	46.2	50.1	61.0	70.3	80.1	87.4	85.8	77.7	66.8	53.3	46.2	64.0
Conn. Hartford	33.4	35.7	44.6	58.9	70.3	79.5	84.1	81.9	74.5	64.3	50.6	36.8	59.6
Del. Wilmington	40.2	42.2	51.1	63.0	73.1	81.6	85.5	83.9	78.2	67.8	55.2	43.0	63.7
D.C. Washington	43.5	46.0	55.0	67.1	76.6	84.6	88.2	86.6	80.2	69.8	57.2	45.2	66.7
Fla. Jacksonville	64.6	66.9	72.2	79.0	84.6	88.3	90.0	89.7	86.0	79.2	71.4	65.6	78.1
Miami	75.6	76.6	79.5	82.7	85.3	88.0	89.1	89.9	88.3	84.6	79.9	76.6	83.0
Ga. Atlanta	51.4	54.5	61.1	71.4	79.0	84.6	86.5	86.4	81.2	72.5	61.9	52.7	70.3
Hawaii Honolulu	79.3	79.2	79.7	81.4	83.6	85.6	86.8	87.4	87.4	85.8	83.2	80.3	83.3
Idaho Boise	36.5	43.8	51.6	61.4	70.6	78.3	90.5	87.6	77.6	64.7	48.9	39.1	62.6
Ill. Chicago	31.1	34.3	44.6	59.4	69.7	79.1	83.1	82.3	75.4	65.5	48.3	35.0	59.0
Peoria	31.9	36.0	46.5	61.7	72.3	81.7	85.5	84.0	76.4	65.9	48.7	35.7	60.5
Ind. Indianapolis	36.0	39.3	49.0	62.8	72.9	82.3	85.4	84.0	77.7	67.0	50.5	38.7	62.2
Iowa Des Moines	27.5	32.5	42.5	59.7	70.9	79.8	84.9	83.2	74.6	64.9	46.4	32.8	58.3
Kans. Wichita	41.4	47.1	55.0	68.1	77.1	86.5	91.7	91.0	81.9	71.3	55.8	44.3	67.6
Ky. Louisville	42.0	45.0	54.0	66.9	75.6	83.7	87.3	86.8	80.5	70.3	54.9	44.1	65.9
La. New Orleans	62.3	65.1	70.4	78.4	84.9	89.6	90.4	90.6	86.6	79.9	70.3	64.2	77.7
Maine Portland	31.2	33.3	40.8	52.8	63.6	73.2	79.1	77.6	69.9	60.2	47.5	34.9	55.3
Md. Baltimore	41.9	43.9	53.0	65.2	74.8	83.2	86.7	85.1	79.0	68.3	56.1	43.9	65.1
Mass. Boston	35.9	37.5	44.6	56.3	67.1	76.6	81.4	79.3	72.2	63.2	51.7	39.3	58.7
Mich. Detroit	31.7	33.7	43.1	57.6	68.5	79.1	83.1	81.6	74.2	63.4	47.7	35.4	58.3
Sault Ste. Marie	22.0	23.7	32.5	47.2	59.4	70.0	75.1	73.4	64.5	54.8	39.0	26.8	49.0
Minn. Duluth	17.6	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
Minneapolis-St. Paul	21.2	25.9	36.9	55.5	67.9	77.1	82.4	80.8	70.7	60.7	40.6	26.6	53.8
Miss. Jackson	58.4	61.7	68.7	78.2	85.0	91.0	92.7	92.6	88.0	80.1	68.5	60.5	77.1
Mo. Kansas City	36.2	41.9	50.5	64.8	74.3	82.6	88.0	86.7	78.8	68.9	52.7	40.4	63.7
St. Louis	39.9	44.2	53.0	67.0	76.0	84.9	88.4	87.2	80.1	69.8	54.1	42.7	65.6
Mont. Great Falls	29.3	35.9	40.4	54.5	65.0	72.1	83.7	81.8	70.0	59.4	43.4	34.7	55.9
Nebr. Omaha	32.7	38.5	47.7	64.4	74.4	83.1	88.6	87.2	78.6	69.1	50.9	37.8	62.8
Nev. Reno	45.4	51.1	56.0	64.0	72.2	80.4	91.1	89.0	81.8	70.0	56.3	46.4	67.0
N.H. Concord	31.3	33.8	42.4	56.7	68.6	77.7	82.6	80.1	72.4	62.3	47.9	34.6	57.5
N.J. Atlantic City	41.4	42.9	50.7	62.3	72.4	80.8	84.7	83.0	77.3	67.5	55.9	44.2	63.6
N. Mex. Albuquerque	46.9	52.6	59.2	70.1	79.9	89.5	92.2	89.7	83.4	71.7	57.1	47.5	70.0
N.Y. Albany	30.4	32.7	42.6	58.0	69.7	79.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
Buffalo	29.8	31.0	39.0	53.3	64.3	75.1	79.5	77.6	70.8	60.2	46.1	33.6	55.0
New York [1]	38.5	40.2	48.4	60.7	71.4	80.5	85.2	83.4	76.8	66.8	54.0	41.4	62.3
N.C. Charlotte	52.1	54.9	62.2	72.7	80.2	86.4	88.3	87.4	82.0	73.1	62.4	52.5	71.2
Raleigh	51.0	53.2	61.0	72.2	79.4	85.6	87.7	86.8	81.5	72.4	62.1	51.9	70.4
N. Dak. Bismarck	19.1	24.5	35.4	54.8	67.1	75.8	84.3	83.5	71.3	60.3	39.4	26.0	53.5
Ohio Cincinnati	39.7	42.7	51.8	65.0	74.4	83.2	86.5	85.8	79.7	68.5	53.2	42.0	64.4
Cleveland	33.4	35.0	44.1	58.0	68.4	78.2	81.6	80.4	74.2	63.6	48.8	36.4	58.5
Columbus	36.4	39.2	49.3	62.8	72.9	81.9	84.8	83.7	77.6	66.4	50.9	38.7	62.1
Okla. Oklahoma City	47.6	52.6	59.8	71.6	78.7	87.0	92.6	92.5	84.7	74.2	60.9	50.7	71.1
Oreg. Portland	43.6	50.1	54.3	60.3	67.0	72.1	79.0	78.1	73.9	62.9	52.1	46.0	61.6
Pa. Philadelphia	40.1	42.2	51.2	63.5	74.1	83.0	86.8	84.8	78.4	67.9	55.5	43.2	64.2
Pittsburgh	35.3	37.3	47.2	60.9	70.8	79.5	82.5	80.9	74.9	63.9	49.3	37.3	60.0
R.I. Providence	36.2	37.6	44.7	56.7	66.8	76.3	81.1	79.8	73.1	63.9	52.0	39.6	59.0
S.C. Columbia	56.9	59.7	66.5	76.9	84.5	90.3	92.0	91.0	85.4	77.1	66.9	57.9	75.4
S. Dak. Sioux Falls	24.6	29.7	39.7	57.8	69.7	78.9	85.1	83.8	73.0	62.7	43.5	29.6	56.5
Tenn. Memphis	49.4	53.1	60.8	72.7	81.2	88.7	91.6	90.6	84.3	74.9	61.5	51.7	71.7
Nashville	47.6	50.9	59.2	71.3	79.8	87.5	90.2	89.2	83.5	73.2	59.0	49.6	70.1
Tex. Dallas-Fort Worth	55.7	59.8	66.6	76.3	82.8	90.8	95.5	96.1	88.5	79.2	67.5	58.7	76.5
El Paso	57.0	62.5	68.9	78.5	87.2	94.9	94.6	92.8	87.4	78.5	66.1	57.8	77.2
Houston	62.6	66.0	71.8	79.4	85.9	91.3	93.8	94.3	90.1	83.5	73.0	65.8	79.8
Utah Salt Lake City	37.4	43.4	50.8	61.8	72.4	81.3	92.8	90.2	80.3	66.4	50.0	39.0	63.8
Vt. Burlington	25.9	28.2	38.0	53.3	66.1	76.5	81.0	78.3	70.0	58.7	44.3	30.3	54.2
Va. Norfolk	48.8	50.0	57.3	67.7	76.2	83.5	86.6	84.9	79.6	70.1	60.5	50.6	68.0
Richmond	47.4	49.9	58.2	70.3	78.4	85.4	88.2	86.6	80.9	71.2	60.6	49.1	68.8
Wash. Seattle-Tacoma	43.4	48.5	51.5	57.0	64.1	69.0	75.1	73.8	68.7	59.4	50.4	45.4	58.8
Spokane	31.1	39.0	46.2	57.0	66.5	73.6	84.3	81.9	72.5	58.1	41.8	33.9	57.2
W. Va. Charleston	43.6	46.2	55.2	67.9	76.6	83.4	85.6	84.4	79.0	69.1	55.8	45.2	66.0
Wis. Milwaukee	27.3	30.3	39.4	54.6	65.0	75.3	80.4	79.7	71.5	61.4	44.4	31.5	55.1
Wyo. Cheyenne	38.2	40.7	43.5	55.4	65.1	74.4	83.7	81.9	72.8	61.8	47.5	40.3	58.8
P.R. San Juan	81.9	82.1	83.6	84.4	85.6	87.0	87.0	87.5	87.6	87.4	85.0	83.1	85.2

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 368. Normal Daily Minimum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

State and station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	41.3	43.9	49.2	57.7	64.5	70.7	72.6	72.3	68.4	58.0	47.5	42.8	57.4
Alaska Juneau	17.8	22.1	25.6	31.3	38.2	44.4	47.7	46.2	42.3	36.4	27.6	22.5	33.5
Ariz. Phoenix	37.6	40.8	44.8	51.8	59.6	67.7	77.5	76.0	69.1	56.8	44.8	38.5	55.4
Ark. Little Rock	28.9	31.9	38.7	49.9	58.1	66.8	70.1	68.6	60.8	48.7	38.1	31.1	49.3
Calif. Los Angeles	45.4	47.0	48.6	51.7	55.3	58.6	62.1	63.2	61.6	57.5	51.3	47.3	54.1
Sacramento	37.1	40.4	41.9	45.3	49.8	54.6	57.5	56.9	55.3	49.5	42.4	38.3	47.4
San Francisco	41.2	43.8	44.9	47.0	49.9	53.0	54.0	54.3	54.5	51.6	47.2	42.9	48.7
Colo. Denver	16.2	19.4	23.8	33.9	43.6	51.9	58.6	57.4	47.8	37.2	25.4	18.9	36.2
Conn. Hartford	16.1	17.9	26.6	36.5	46.2	56.0	61.2	58.9	51.0	40.8	31.9	19.6	38.6
Del. Wilmington	23.8	24.9	32.0	41.5	51.6	61.1	66.1	64.3	57.6	46.5	36.2	26.3	44.3
D.C. Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.8	29.5	47.8
Fla. Jacksonville	44.5	45.7	50.1	57.1	63.9	70.0	72.0	72.3	70.4	61.7	51.0	45.1	58.7
Miami	58.7	59.0	63.0	67.3	70.7	73.9	75.5	75.8	75.0	71.0	64.5	60.0	67.9
Ga. Atlanta	33.4	35.5	41.1	50.7	59.2	66.6	69.4	68.6	63.4	52.3	40.8	34.3	51.3
Hawaii Honolulu	65.3	65.3	66.3	68.1	70.2	72.2	73.4	74.0	73.4	72.0	69.8	67.1	69.8
Idaho Boise	21.4	27.2	30.5	36.5	44.1	51.2	58.5	56.7	48.5	39.4	30.7	25.0	39.1
Ill. Chicago	14.7	17.8	26.7	38.2	47.0	57.0	60.7	59.9	52.0	42.0	30.1	19.2	38.8
Peoria	15.7	19.3	28.1	40.8	50.7	60.9	64.6	62.9	54.6	44.0	31.1	20.3	41.1
Ind. Indianapolis	19.7	22.1	30.3	41.8	51.5	61.1	64.6	62.4	54.9	44.3	32.8	23.1	42.4
Iowa Des Moines	11.3	15.8	25.2	39.2	50.9	61.1	65.3	63.4	54.0	43.6	29.2	17.2	39.7
Kans. Wichita	21.2	25.4	32.1	45.1	55.0	65.0	69.6	68.3	59.2	47.9	33.8	24.6	45.6
Ky. Louisville	24.5	26.5	34.0	44.8	53.9	62.9	66.4	64.9	57.7	45.9	35.1	27.1	45.3
La. New Orleans	43.5	46.0	50.9	58.8	65.3	71.2	73.3	73.1	69.7	59.6	49.8	45.3	58.9
Maine Portland	11.7	12.5	22.8	32.5	41.7	51.1	56.9	55.2	47.4	38.0	29.7	16.4	34.7
Md. Baltimore	24.9	25.7	32.5	42.4	52.5	61.6	66.5	64.7	57.9	46.4	36.0	26.6	44.8
Mass. Boston	22.5	23.3	31.5	40.8	50.1	59.3	65.1	63.3	56.7	47.5	38.7	26.6	43.8
Mich. Detroit	19.2	20.1	27.6	38.6	48.3	59.1	63.4	62.1	54.8	45.2	34.4	23.8	41.4
Sault Ste. Marie	6.4	6.7	15.5	29.2	38.5	47.3	52.5	52.9	46.1	37.6	26.5	13.3	31.0
Minn. Duluth	−.6	2.0	14.4	29.3	38.8	48.3	54.7	53.7	44.8	36.2	21.4	6.3	29.1
Minneapolis-St. Paul	3.2	7.1	19.6	34.7	46.3	56.7	61.4	59.6	49.3	39.2	24.2	10.6	34.3
Miss. Jackson	35.8	37.8	43.4	53.1	60.4	67.7	70.6	69.8	64.0	51.5	42.0	37.3	52.8
Mo. Kansas City	19.3	24.2	31.8	45.1	55.7	65.2	69.6	68.1	58.8	48.3	34.5	24.1	45.3
St. Louis	22.6	26.0	33.5	46.0	55.5	64.8	68.8	67.1	59.1	48.4	35.9	26.5	46.2
Mont. Great Falls	11.6	17.2	20.6	32.3	41.5	49.5	54.9	53.0	44.6	37.1	25.7	18.2	33.8
Nebr. Omaha	12.4	17.4	26.4	40.1	51.5	61.3	65.8	64.0	54.0	42.6	29.1	18.1	40.2
Nev. Reno	18.3	23.0	24.6	29.6	37.0	42.5	47.4	44.8	38.6	30.5	23.9	19.6	31.7
N.H. Concord	9.9	11.3	22.1	31.7	41.5	51.6	56.7	54.2	46.5	36.3	28.1	14.9	33.7
N.J. Atlantic City	24.0	24.9	31.5	41.0	50.7	59.7	65.4	63.8	56.8	45.9	36.1	26.0	43.8
N. Mex. Albuquerque	23.5	27.4	32.3	41.4	50.7	59.7	65.2	63.4	56.7	44.7	31.8	24.9	43.5
N.Y. Albany	12.5	14.3	24.2	35.7	45.7	55.6	60.1	57.8	50.1	40.0	31.1	17.7	37.1
Buffalo	17.6	17.7	25.2	36.4	45.9	56.3	60.7	59.1	52.3	42.7	33.5	22.2	39.1
New York [1]	25.9	26.5	33.7	43.5	53.1	62.6	68.0	66.4	59.9	50.6	40.8	29.5	46.7
N.C. Charlotte	32.1	33.1	39.0	48.9	57.4	65.3	68.7	67.9	61.9	50.3	39.6	32.4	49.7
Raleigh	30.0	31.1	37.4	46.7	55.4	63.1	67.2	66.2	59.7	48.0	37.8	30.5	47.8
N. Dak. Bismarck	−2.8	2.4	14.7	31.1	41.7	51.8	57.3	54.9	43.7	33.2	18.3	5.2	29.3
Ohio Cincinnati	22.4	23.8	31.6	42.7	51.9	61.0	64.6	63.0	55.9	45.0	34.3	25.3	43.5
Cleveland	20.3	20.8	28.1	38.5	48.1	57.5	61.2	59.6	53.5	43.9	34.4	24.1	40.8
Columbus	20.4	21.4	29.1	39.5	49.3	58.9	62.4	60.1	52.7	42.0	32.4	22.7	40.9
Okla. Oklahoma City	26.0	30.0	36.5	49.1	57.9	66.6	70.4	69.6	61.3	50.6	37.4	29.2	48.7
Oreg. Portland	32.5	35.5	37.0	40.8	46.3	51.8	55.2	55.0	50.5	44.7	38.5	35.3	43.6
Pa. Philadelphia	24.4	25.5	32.5	42.3	52.3	61.6	66.7	64.7	57.8	46.9	36.9	27.2	44.9
Pittsburgh	20.8	21.3	29.0	39.4	48.7	57.7	61.3	59.4	52.7	42.4	33.3	23.6	40.8
R.I. Providence	20.6	21.2	29.0	37.8	46.9	56.5	63.0	61.0	53.6	43.4	34.6	23.4	40.9
S.C. Columbia	33.9	35.5	41.9	51.3	59.6	67.2	70.3	69.4	63.5	51.3	40.6	34.1	51.5
S. Dak. Sioux Falls	3.7	9.0	20.2	34.4	45.7	56.3	61.5	59.8	48.7	37.6	22.7	10.4	34.2
Tenn. Memphis	31.6	34.4	41.1	52.3	60.6	68.5	71.5	70.1	62.8	51.1	40.3	33.7	51.5
Nashville	29.0	31.0	38.1	48.8	57.3	65.7	69.0	67.7	60.5	48.6	37.7	31.1	48.7
Tex. Dallas-Fort Worth	33.9	37.6	43.3	54.1	62.1	70.3	74.0	73.7	66.8	56.0	44.1	37.0	54.4
El Paso	30.2	34.3	40.3	49.3	57.2	65.7	69.9	68.2	61.0	49.5	37.0	30.9	49.5
Houston	41.5	44.6	49.8	59.3	65.6	70.9	72.8	72.4	68.2	58.3	49.1	43.4	58.0
Utah Salt Lake City	18.5	23.3	28.3	36.6	44.2	51.1	60.5	58.7	49.3	38.4	28.1	21.5	38.2
Vt. Burlington	7.6	8.9	20.1	32.6	43.5	53.9	58.5	56.4	48.6	38.8	29.7	14.8	34.5
Va. Norfolk	32.2	32.7	38.9	47.9	57.2	65.5	69.9	68.9	63.9	53.3	42.6	34.0	50.6
Richmond	27.6	28.8	35.5	45.2	54.5	62.9	67.5	65.9	59.0	47.4	37.3	28.8	46.7
Wash. Seattle-Tacoma	33.0	36.0	36.6	40.3	45.6	50.6	53.8	53.7	50.4	44.9	38.8	35.5	43.3
Spokane	19.6	25.3	28.8	35.2	42.8	49.4	55.1	54.0	46.7	37.5	29.2	24.0	37.3
W. Va. Charleston	25.3	26.8	33.8	43.8	52.3	60.6	64.3	62.8	55.9	44.8	35.0	27.2	44.4
Wis. Milwaukee	11.4	14.6	23.4	34.7	43.3	53.6	59.3	58.7	50.7	40.6	28.5	16.8	36.3
Wyo. Cheyenne	14.9	17.3	19.6	30.0	39.7	48.1	54.5	53.2	43.5	33.9	23.5	18.1	33.0
P.R. San Juan	68.8	68.4	68.9	70.6	72.8	74.0	74.8	75.1	74.6	73.7	72.3	70.5	72.0

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 369. Highest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1977]

STATE AND STATION		Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	36	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska	Juneau	34	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz.	Phoenix	40	88	89	95	104	113	117	118	116	118	104	93	88	118
Ark.	Little Rock	36	83	83	91	92	98	104	107	108	106	97	86	80	108
Calif.	Los Angeles	42	88	92	88	95	97	100	97	98	110	106	101	94	110
	Sacramento	27	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco	50	72	78	85	88	96	106	104	98	103	95	85	75	106
Colo.	Denver	43	72	76	84	85	96	104	104	101	97	88	79	74	104
Conn.	Hartford	23	65	70	87	96	96	100	102	101	96	91	81	65	102
Del.	Wilmington	30	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C.	Washington	36	79	82	89	95	97	101	103	100	100	94	86	75	103
Fla.	Jacksonville	36	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	35	87	89	92	96	94	98	96	98	95	92	89	86	98
Ga.	Atlanta	29	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii	Honolulu	8	85	87	87	87	88	90	90	92	92	91	89	89	92
Idaho	Boise	38	63	69	78	92	98	109	111	110	102	91	73	65	111
Ill.	Chicago	19	61	71	80	87	93	97	98	96	99	91	77	67	99
	Peoria	38	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind.	Indianapolis	38	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa	Des Moines	38	62	73	83	90	98	101	105	102	101	95	76	69	105
Kans.	Wichita	25	75	84	89	96	100	106	113	110	103	95	80	83	113
Ky.	Louisville	30	77	77	85	91	95	102	105	101	104	92	84	73	105
La.	New Orleans	31	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine	Portland	37	64	64	86	85	92	97	99	103	95	88	74	62	103
Md.	Baltimore	27	75	76	85	94	98	100	102	102	99	92	83	74	102
Mass.	Boston	26	63	68	81	94	93	100	102	102	100	90	77	70	102
Mich.	Detroit	43	67	68	82	87	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	37	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn.	Duluth	36	52	55	78	88	90	93	97	97	95	86	69	55	97
	Minneapolis-St. Paul	39	58	59	83	92	95	100	104	102	98	89	75	67	104
Miss.	Jackson	14	82	84	88	92	99	103	102	99	98	91	88	81	103
Mo.	Kansas City	5	61	74	82	85	91	98	107	104	98	92	78	67	107
	St. Louis	20	76	85	88	92	92	98	106	105	100	94	81	76	106
Mont.	Great Falls	40	62	67	72	87	90	99	105	106	98	91	76	69	106
Nebr.	Omaha	42	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev.	Reno	36	70	74	83	88	95	101	104	103	101	91	77	70	104
N.H.	Concord	36	68	66	85	95	97	98	102	101	98	90	80	63	102
N.J.	Atlantic City	34	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex.	Albuquerque	38	69	75	85	89	95	105	104	100	98	87	77	72	105
N.Y.	Albany	31	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo	34	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York[1]	109	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C.	Charlotte	38	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	33	79	84	92	93	97	104	105	101	104	98	88	78	105
N. Dak.	Bismarck	38	54	68	81	92	98	100	109	109	105	95	75	62	109
Ohio	Cincinnati	16	69	73	82	89	93	97	100	102	98	88	80	70	102
	Cleveland	36	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus	38	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla.	Oklahoma City	24	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg.	Portland	37	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa.	Philadelphia	36	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	25	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I.	Providence	24	66	69	78	98	94	95	100	104	93	85	78	69	104
S.C.	Columbia	30	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak.	Sioux Falls	32	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn.	Memphis	36	78	81	85	91	99	104	106	105	103	95	85	79	106
	Nashville	38	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.	Dallas-Fort Worth	24	88	88	96	95	96	105	109	108	105	98	89	88	109
	El Paso	38	80	83	88	98	104	109	109	105	103	96	84	80	109
	Houston	8	84	84	90	89	94	99	101	101	97	93	88	83	101
Utah	Salt Lake City	49	61	69	78	85	93	104	107	103	98	89	75	67	107
Vt.	Burlington	34	63	60	84	91	93	96	99	101	94	85	75	62	101
Va.	Norfolk	29	78	81	85	97	97	101	103	102	98	95	86	79	103
	Richmond	48	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash.	Seattle-Tacoma	33	61	70	72	85	93	96	97	99	93	81	74	61	99
	Spokane	30	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va.	Charleston	30	79	78	87	91	93	98	102	100	102	92	85	80	102
Wis.	Milwaukee	37	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo.	Cheyenne	42	63	71	73	82	90	100	100	96	93	83	73	69	100
P.R.	San Juan	23	90	92	93	94	94	96	93	96	94	95	92	90	96

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 370. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1977]

State and station		Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	36	8	11	11	36	43	56	60	59	42	32	22	10	8
Alaska	Juneau	34	−22	−22	−15	6	25	31	36	27	23	12	−5	−21	−22
Ariz.	Phoenix	40	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark.	Little Rock	36	−4	−5	11	28	40	46	54	52	37	31	17	−1	−5
Calif.	Los Angeles	42	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	27	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	50	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.	Denver	43	−25	−30	−11	−2	22	30	43	41	20	3	−8	−18	−30
Conn.	Hartford	23	−26	−21	−6	9	28	37	44	36	30	18	12	−9	−26
Del.	Wilmington	30	−4	−4	9	22	32	41	50	46	36	24	14	3	−4
D.C.	Washington	36	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.	Jacksonville	36	19	19	25	35	45	56	61	64	50	36	21	12	12
	Miami	35	31	32	37	46	53	65	69	68	69	51	39	34	31
Ga.	Atlanta	29	−3	5	10	26	37	46	53	56	36	28	3	1	−3
Hawaii	Honolulu	8	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho	Boise	38	−17	−10	6	19	26	33	41	37	23	11	−3	−23	−23
Ill.	Chicago	19	−20	−17	−8	13	24	36	40	41	28	19	1	−17	−20
	Peoria	38	−25	−16	−10	17	25	39	47	43	26	19	−2	−18	−25
Ind.	Indianapolis	38	−20	−19	−6	16	28	39	44	41	28	17	−2	−15	−20
Iowa	Des Moines	38	−24	−20	−22	9	30	38	47	40	26	14	−3	−16	−24
Kans.	Wichita	25	−12	−6	−2	15	31	43	51	48	35	21	1	−5	−12
Ky.	Louisville	30	−20	−19	−1	24	31	42	50	49	33	23	−1	−9	−20
La.	New Orleans	31	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine	Portland	37	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
Md.	Baltimore	27	−7	−1	6	20	32	40	52	48	35	25	13	0	−7
Mass.	Boston	26	−12	−4	6	17	34	46	54	47	38	28	17	−4	−12
Mich.	Detroit	43	−13	−16	−1	14	30	38	42	43	32	24	5	−5	−16
	Sault Ste. Marie	37	−30	−28	−24	1	18	28	36	32	25	16	−10	−24	−30
Minn.	Duluth	36	−39	−32	−28	−5	17	27	36	33	22	8	−23	−33	−39
	Minneapolis-St. Paul	39	−34	−28	−32	2	18	34	43	39	26	15	−17	−24	−34
Miss.	Jackson	14	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo.	Kansas City	5	−13	−2	8	12	30	49	52	50	39	21	1	−11	−13
	St. Louis	20	−14	−5	−5	22	31	43	51	47	36	23	1	−10	−14
Mont.	Great Falls	40	−37	−35	−29	−6	15	31	40	35	23	−3	−23	−43	−43
Nebr.	Omaha	42	−22	−19	−16	5	27	39	44	43	30	13	−9	−15	−22
Nev.	Reno	36	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
N.H.	Concord	36	−30	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
N.J.	Atlantic City	34	−10	−7	7	12	25	37	46	40	32	23	11	−7	−10
N. Mex.	Albuquerque	38	−17	−5	8	19	28	42	54	52	37	25	−7	3	−17
N.Y.	Albany	31	−28	−21	−21	10	26	36	41	37	24	16	5	−22	−28
	Buffalo	34	−12	−20	−4	12	26	35	43	38	32	20	9	−4	−20
	New York [1]	109	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
N.C.	Charlotte	38	−3	5	10	24	32	45	53	53	39	24	11	2	−3
	Raleigh	33	−1	5	11	23	31	38	48	46	39	19	11	4	−1
N. Dak.	Bismarck	38	−44	−37	−31	−12	15	30	35	33	11	5	−29	−43	−44
Ohio	Cincinnati	16	−25	−10	7	17	27	39	47	43	33	16	1	−11	−25
	Cleveland	36	−19	−15	−5	10	25	31	41	41	32	22	3	−11	−19
	Columbus	38	−19	−13	−2	18	25	35	43	39	31	20	5	−10	−19
Okla.	Oklahoma City	24	−4	3	3	20	39	47	53	51	37	22	11	1	−4
Oreg.	Portland	37	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
Pa.	Philadelphia	36	−5	−4	7	24	28	44	51	45	35	25	15	1	−5
	Pittsburgh	25	−18	−9	−1	15	26	34	42	40	31	16	−1	−7	−18
R.I.	Providence	24	−13	−6	1	14	29	41	49	40	34	20	14	−5	−13
S.C.	Columbia	30	5	5	18	29	34	45	54	53	40	23	12	4	4
S. Dak.	Sioux Falls	32	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
Tenn.	Memphis	36	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	38	−15	−13	5	24	34	42	51	47	36	26	−1	−7	−15
Tex.	Dallas-Ft. Worth	24	4	12	17	30	41	51	59	56	46	29	20	10	4
	El Paso	38	−8	8	14	24	31	50	59	56	41	25	1	5	−8
	Houston	8	18	22	25	31	45	52	62	62	48	33	19	21	18
Utah	Salt Lake City	49	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
Vt.	Burlington	34	−30	−26	−20	2	24	33	39	35	25	15	−2	−23	−30
Va.	Norfolk	29	5	8	20	28	36	45	56	52	45	27	20	14	5
	Richmond	48	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
Wash.	Seattle-Tacoma	33	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	30	−19	−12	−3	17	24	34	38	35	25	13	−11	−25	−25
W. Va.	Charleston	30	−12	−6	7	19	26	33	46	41	34	17	6	−2	−12
Wis.	Milwaukee	37	−24	−19	−10	13	21	33	40	44	28	21	−5	−15	−24
Wyo.	Cheyenne	42	−27	−34	−21	−8	16	25	38	36	18	2	−13	−24	−34
P.R.	San Juan	23	61	62	60	64	66	69	69	70	69	67	66	63	60

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 371. Normal Monthly and Annual Precipitation—Selected Cities

[In inches. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	4.71	4.76	7.07	5.59	4.52	6.09	8.86	6.93	6.59	2.55	3.39	5.92	66.98
Alaska Juneau	3.94	3.44	3.57	2.99	3.31	2.93	4.69	5.00	6.90	7.85	5.53	4.52	54.67
Ariz. Phoenix	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Ark. Little Rock	4.24	4.42	4.93	5.25	5.30	3.50	3.38	3.01	3.55	2.99	3.86	4.09	48.52
Calif. Los Angeles	2.52	2.32	1.71	1.10	.08	.03	.01	.02	.07	.22	1.76	2.39	12.23
Sacramento	3.73	2.68	2.17	1.54	.51	.10	.01	.05	.19	.99	2.13	3.12	17.22
San Francisco	4.37	3.04	2.54	1.59	.41	.13	.01	.03	.16	.98	2.29	3.98	19.53
Colo. Denver	.61	.67	1.21	1.93	2.64	1.93	1.78	1.29	1.13	1.13	.76	.43	15.51
Conn. Hartford	3.28	3.17	3.82	3.75	3.50	3.53	3.41	3.94	3.55	3.03	4.33	4.06	43.37
Del. Wilmington	2.85	2.75	3.74	3.20	3.35	3.24	4.31	3.98	3.42	2.60	3.49	3.32	40.25
D.C. Washington	2.62	2.45	3.33	2.86	3.68	3.48	4.12	4.67	3.08	2.66	2.90	3.04	38.89
Fla. Jacksonville	2.78	3.58	3.56	3.07	3.22	6.27	7.35	7.89	7.83	4.54	1.79	2.59	54.47
Miami	2.15	1.95	2.07	3.60	6.12	9.00	6.91	6.72	8.74	8.18	2.72	1.64	59.80
Ga. Atlanta	4.34	4.41	5.84	4.61	3.71	3.67	4.90	3.54	3.15	2.50	3.43	4.24	48.34
Hawaii Honolulu	4.40	2.46	3.18	1.36	.96	.32	.60	.76	.67	1.51	2.99	3.69	22.90
Idaho Boise	1.47	1.16	1.01	1.14	1.32	1.06	.15	.30	.41	.80	1.32	1.36	11.50
Ill. Chicago	1.70	1.30	2.52	3.38	3.41	4.15	3.46	2.73	3.01	2.32	2.10	1.64	31.72
Peoria	1.82	1.50	2.80	4.36	3.87	3.91	3.76	3.07	3.55	2.51	2.02	1.89	35.06
Ind. Indianapolis	2.86	2.36	3.75	3.87	4.08	4.16	3.67	2.80	2.87	2.51	3.10	2.71	38.74
Iowa Des Moines	1.14	1.05	2.31	2.94	4.21	4.90	3.28	3.30	3.07	2.14	1.42	1.09	30.85
Kans. Wichita	.85	.98	1.78	2.95	3.60	4.49	4.35	3.10	3.69	2.50	1.17	1.12	30.58
Ky. Louisville	3.53	3.47	5.05	4.10	4.20	4.05	3.76	2.99	2.94	2.35	3.33	3.34	43.11
La. New Orleans	4.53	4.82	5.49	4.15	4.20	4.74	6.72	5.27	5.58	2.26	3.88	5.13	56.77
Maine Portland	3.38	3.52	3.60	3.34	3.33	3.10	2.61	2.60	3.09	3.31	4.86	4.06	40.80
Md. Baltimore	2.91	2.81	3.69	3.07	3.61	3.77	4.07	4.21	3.12	2.81	3.13	3.26	40.46
Mass. Boston	3.69	3.54	4.01	3.49	3.47	3.19	2.74	3.46	3.16	3.02	4.51	4.24	42.52
Mich. Detroit	1.93	1.80	2.33	3.08	3.43	3.04	2.99	3.04	2.30	2.52	2.31	2.19	30.96
Sault Ste. Marie	1.92	1.48	1.74	2.22	3.01	3.31	2.60	3.10	3.85	2.85	3.26	2.36	31.70
Minn. Duluth	1.16	.85	1.76	2.55	3.41	4.44	3.73	3.79	3.06	2.30	1.73	1.40	30.18
Minneapolis-St. Paul	.73	.84	1.68	2.04	3.37	3.94	3.69	3.05	2.73	1.78	1.20	.89	25.94
Miss. Jackson	4.53	4.62	5.63	4.65	4.38	3.40	4.27	3.59	2.99	2.22	3.87	5.04	49.19
Mo. Kansas City	1.25	1.25	2.55	3.50	4.28	5.55	4.37	3.81	4.21	3.24	1.47	1.52	37.00
St. Louis	1.85	2.06	3.03	3.92	3.86	4.42	3.69	2.87	2.89	2.79	2.47	2.04	35.89
Mont. Great Falls	.88	.75	.97	1.18	2.37	3.11	1.27	1.09	1.17	.68	.81	.71	14.99
Nebr. Omaha	.76	.98	1.59	2.97	4.11	4.94	3.71	3.97	3.27	1.93	1.11	.84	30.18
Nev. Reno	1.21	.86	.70	.47	.66	.40	.26	.22	.23	.42	.68	1.09	7.20
N.H. Concord	2.67	2.45	2.77	2.92	3.02	3.35	3.14	2.89	3.06	2.68	3.96	3.26	36.17
N.J. Atlantic City	3.56	3.37	4.31	3.37	3.54	3.38	4.36	4.90	2.99	3.46	4.21	4.01	45.46
N. Mex. Albuquerque	.30	.39	.47	.48	.53	.50	1.39	1.34	.77	.79	.29	.52	7.77
N.Y. Albany	2.20	2.11	2.58	2.70	3.26	3.00	3.12	2.87	3.12	2.63	2.84	2.93	33.36
Buffalo	2.90	2.55	2.85	3.15	2.97	2.23	2.93	3.53	3.25	3.01	3.74	3.00	36.11
New York [1]	2.71	2.92	3.73	3.30	3.47	2.96	3.68	4.01	3.27	2.85	3.76	3.53	40.19
N.C. Charlotte	3.51	3.83	4.52	3.40	2.90	3.70	4.57	3.96	3.46	2.69	2.74	3.44	42.72
Raleigh	3.22	3.32	3.44	3.07	3.32	3.67	5.08	4.93	3.78	2.81	2.82	3.08	42.54
N. Dak. Bismarck	.51	.44	.73	1.44	2.17	3.58	2.20	1.96	1.32	.80	.56	.45	16.16
Ohio Cincinnati	3.34	3.04	4.09	3.64	3.74	3.81	4.12	2.62	2.55	2.15	3.08	2.86	39.04
Cleveland	2.56	2.18	3.05	3.49	3.49	3.28	3.45	3.00	2.80	2.57	2.76	2.36	34.99
Columbus	2.87	2.32	3.44	3.71	4.10	4.13	4.21	2.86	2.41	1.89	2.68	2.39	37.01
Okla. Oklahoma City	1.11	1.32	2.05	3.47	5.20	4.22	2.66	2.56	3.55	2.57	1.40	1.26	31.37
Oreg. Portland	5.88	4.06	3.64	2.22	2.09	1.59	.47	.82	1.60	3.59	5.61	6.04	37.61
Pa. Philadelphia	2.81	2.62	3.69	3.29	3.35	3.70	4.09	4.11	3.03	2.53	3.39	3.32	39.93
Pittsburgh	2.79	2.35	3.60	3.40	3.63	3.48	3.84	3.15	2.52	2.52	2.47	2.48	36.23
R.I. Providence	3.52	3.45	3.99	3.72	3.49	2.65	2.85	3.90	3.26	3.27	4.52	4.13	42.75
S.C. Columbia	3.44	3.67	4.67	3.51	3.35	3.82	5.65	5.63	4.32	2.58	2.34	3.38	46.36
S. Dak. Sioux Falls	.57	1.04	1.40	2.30	3.37	4.32	2.94	2.84	2.85	1.50	.85	.74	24.72
Tenn. Memphis	4.93	4.73	5.10	5.42	4.39	3.46	3.53	3.33	3.01	2.58	3.92	4.70	49.10
Nashville	4.75	4.43	5.00	4.11	4.10	3.38	3.83	3.24	3.09	2.16	3.46	4.45	46.00
Tex. Dallas-Fort Worth	1.80	2.36	2.54	4.30	4.47	3.05	1.84	2.26	3.15	2.68	2.03	1.82	32.30
El Paso	.39	.42	.39	.24	.32	.60	1.53	1.12	1.16	.78	.32	.50	7.77
Houston	3.57	3.54	2.68	3.54	5.10	4.52	4.12	4.35	4.65	4.05	4.03	4.04	48.19
Utah Salt Lake City	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Vt. Burlington	1.74	1.68	1.93	2.62	3.01	3.46	3.54	3.72	3.05	2.74	2.86	2.19	32.54
Va. Norfolk	3.35	3.31	3.42	2.71	3.34	3.62	5.70	5.92	4.20	3.06	2.94	3.11	44.68
Richmond	2.86	3.01	3.38	2.77	3.42	3.52	5.63	5.06	3.58	2.94	3.20	3.22	42.59
Wash. Seattle-Tacoma	5.79	4.19	3.61	2.46	1.70	1.53	.71	1.08	1.99	3.91	5.88	5.94	38.79
Spokane	2.47	1.68	1.53	1.12	1.46	1.36	.40	.58	.83	1.42	2.20	2.37	17.42
W. Va. Charleston	3.39	3.11	4.03	3.33	3.48	3.31	5.04	3.68	2.94	2.45	2.81	3.18	40.75
Wis. Milwaukee	1.63	1.13	2.24	2.76	2.88	3.58	3.41	2.68	3.02	1.98	2.01	1.75	29.07
Wyo. Cheyenne	.46	.46	1.05	1.57	2.52	2.41	1.82	1.45	1.03	.95	.58	.35	14.65
P.R. San Juan	3.73	2.50	2.04	3.40	6.54	5.64	6.41	6.98	6.07	5.64	5.49	4.71	59.15

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 372. Average Number of Days With Precipitation of .01 Inch or More—Selected Cities

[Airport data, except as noted. For period of record through 1977]

State and station		Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	36	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska	Juneau	34	18	18	18	17	17	16	17	18	20	23	20	21	223
Ariz.	Phoenix	38	3	4	3	2	1	1	4	5	3	3	2	4	35
Ark.	Little Rock	35	10	9	11	10	10	8	9	7	7	6	8	9	104
Calif.	Los Angeles	42	6	6	5	3	1	1	1	(Z)	1	2	3	5	34
	Sacramento	38	10	9	8	6	3	1	(Z)	(Z)	1	3	7	9	57
	San Francisco	50	11	10	9	6	3	1	(Z)	1	1	4	7	10	63
Colo.	Denver	43	6	6	8	9	10	9	9	8	6	5	5	5	86
Conn.	Hartford	23	11	11	11	11	12	12	10	10	10	8	11	13	130
Del.	Wilmington	30	11	10	11	11	11	9	9	9	8	7	10	10	116
D.C.	Washington	36	10	9	11	10	11	9	10	9	8	7	8	9	111
Fla.	Jacksonville	36	8	8	8	6	8	12	15	15	13	9	6	8	116
	Miami	35	7	6	6	6	11	15	16	17	17	15	8	7	131
Ga.	Atlanta	43	11	10	12	9	9	10	12	9	7	6	8	10	113
Hawaii	Honolulu	28	10	10	9	9	7	6	8	7	7	9	10	10	102
Idaho	Boise	38	12	10	9	8	8	7	2	3	4	6	10	12	91
Ill.	Chicago	19	11	10	13	12	11	10	10	8	10	9	10	11	125
	Peoria	38	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind.	Indianapolis	38	11	10	13	12	12	10	9	8	8	8	10	12	123
Iowa	Des Moines	38	7	7	10	10	11	11	9	9	9	7	6	7	103
Kans.	Wichita	24	5	5	7	8	11	9	8	7	8	6	5	6	85
Ky.	Louisville	30	12	11	13	12	11	10	11	8	8	7	10	11	124
La.	New Orleans	29	10	9	9	7	7	10	15	13	10	6	7	10	113
Maine	Portland	37	11	10	11	12	13	11	9	9	8	9	12	12	127
Md.	Baltimore	27	10	9	11	11	11	9	9	10	7	7	9	9	112
Mass.	Boston	26	12	11	12	11	11	11	9	10	9	9	11	12	128
Mich.	Detroit	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie	36	19	15	13	11	11	11	10	11	14	13	18	19	165
Minn.	Duluth	36	12	10	11	10	13	13	11	11	11	9	11	12	134
	Minneapolis-St. Paul	39	9	7	10	10	12	12	10	10	9	8	8	9	114
Miss.	Jackson	14	11	9	11	9	9	8	11	10	9	6	9	10	112
Mo.	Kansas City	5	9	6	11	10	11	9	5	8	10	8	7	8	102
	St. Louis	20	8	8	11	11	11	9	9	7	9	8	8	10	109
Mont.	Great Falls	40	9	8	9	9	11	12	7	7	7	6	7	8	100
Nebr.	Omaha	42	7	7	9	9	12	11	9	9	8	6	5	6	98
Nev.	Reno	35	6	5	6	4	5	3	3	2	2	3	5	6	50
N.H.	Concord	36	11	10	11	11	12	11	10	10	9	8	11	11	125
N.J.	Atlantic City	34	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex.	Albuquerque	38	3	4	4	3	4	4	9	10	6	5	3	4	59
N.Y.	Albany	31	12	11	12	12	13	11	11	10	10	9	12	13	136
	Buffalo	34	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York [1]	109	11	10	12	11	11	10	11	10	8	8	9	10	121
N.C.	Charlotte	38	10	10	12	9	9	10	12	9	7	7	7	10	112
	Raleigh	33	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak.	Bismarck	38	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio	Cincinnati	30	12	11	13	12	12	11	10	9	8	8	11	12	129
	Cleveland	36	16	15	16	14	13	11	10	9	10	11	15	16	156
	Columbus	38	13	12	14	13	13	11	11	9	9	8	11	13	137
Okla.	Oklahoma City	38	5	6	7	8	10	9	7	6	7	6	5	5	81
Oreg.	Portland	37	19	16	17	14	12	9	4	5	7	13	18	19	153
Pa.	Philadelphia	37	11	9	11	11	11	10	9	9	8	7	9	10	115
	Pittsburgh	25	16	14	16	13	12	11	11	9	9	10	13	17	151
R.I.	Providence	24	11	11	12	11	11	11	9	10	9	8	11	12	126
S.C.	Columbia	30	10	10	11	8	9	10	12	11	8	6	7	9	111
S. Dak.	Sioux Falls	32	6	6	8	8	10	11	9	9	8	6	6	6	93
Tenn.	Memphis	27	10	10	11	10	9	8	9	8	7	6	8	10	106
	Nashville	36	11	11	12	11	11	10	10	9	8	7	9	11	120
Tex.	Dallas-Fort Worth	24	7	6	7	9	8	6	5	5	7	6	6	6	78
	El Paso	38	4	3	2	2	2	3	8	7	5	4	2	4	46
	Houston	8	11	6	10	7	8	7	10	11	10	8	8	9	105
Utah	Salt Lake City	49	10	9	10	10	8	6	4	5	5	6	7	9	89
Vt.	Burlington	34	14	12	13	12	13	12	12	12	12	11	14	15	152
Va.	Norfolk	29	10	10	11	10	10	9	11	11	8	8	8	9	115
	Richmond	40	10	9	11	9	11	10	11	10	8	7	8	9	113
Wash.	Seattle-Tacoma	33	19	16	18	14	10	9	5	7	9	14	18	20	159
	Spokane	30	15	11	11	8	9	8	4	5	6	8	12	16	113
W. Va.	Charleston	30	15	14	15	14	13	11	13	11	9	9	12	14	150
Wis.	Milwaukee	37	11	9	12	12	12	11	10	9	9	9	10	11	125
Wyo.	Cheyenne	42	6	6	9	10	11	11	11	9	7	5	6	5	96
P.R.	San Juan	22	17	13	12	13	17	16	19	19	18	17	18	19	198

Z Less than ½ day. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 373. Average Total Snow and Ice Pellets—Selected Cities

[In inches. Airport data, except as noted. For period of record through 1977. T denotes trace]

State and station		Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	36	.2	.2	T	-	-	-	-	-	-	-	T	.1	.5
Alaska	Juneau	34	25.6	21.2	19.0	4.8	.1	T	-	-	T	1.3	12.1	24.1	108.2
Ariz.	Phoenix	40	T	T	T	T	-	-	-	-	-	-	-	T	T
Ark.	Little Rock	35	2.2	1.2	.6	T	-	-	-	-	-	-	.2	.9	5.1
Calif.	Los Angeles	42	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	29	T	.1	-	-	-	-	-	-	-	-	-	T	.1
	San Francisco	50	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo.	Denver	43	8.0	7.8	12.7	9.5	1.5	T	-	-	1.8	3.8	7.7	6.2	59.0
Conn.	Hartford	23	11.9	12.7	12.2	1.6	.1	-	-	-	-	T	1.7	12.8	53.0
Del.	Wilmington	30	5.7	5.5	3.7	.1	T	-	-	-	-	T	1.0	3.9	19.9
D.C.	Washington	34	4.7	4.9	2.3	T	T	-	-	-	-	T	.7	3.7	16.3
Fla.	Jacksonville	36	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	35	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	43	.7	.4	.2	T	-	-	-	-	-	-	T	.2	1.5
Hawaii	Honolulu	31	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	38	7.5	3.8	2.0	.8	.1	T	T	-	-	.1	1.8	5.4	21.5
Ill.	Chicago	19	9.5	7.5	7.6	1.8	.1	-	-	-	T	.5	1.8	8.6	37.4
	Peoria	34	6.0	4.7	4.6	.6	T	-	-	-	-	.1	2.4	5.9	24.3
Ind.	Indianapolis	46	5.2	5.0	3.7	.5	T	-	-	-	-	T	2.2	5.0	21.6
Iowa	Des Moines	38	8.5	7.0	6.8	1.6	T	-	-	-	T	.1	2.7	6.4	33.1
Kans.	Wichita	24	4.2	3.8	3.0	.2	-	-	-	-	-	T	1.0	2.9	15.1
Ky.	Louisville	30	5.4	4.2	3.8	.2	-	-	-	-	-	T	1.6	2.4	17.6
La.	New Orleans	31	T	.1	T	-	-	-	-	-	-	-	T	.1	.2
Maine	Portland	37	18.1	19.6	13.9	3.1	0.2	-	-	-	T	.3	3.3	16.0	74.5
Md.	Baltimore	27	5.1	5.9	4.6	.1	T	-	-	-	-	T	1.1	4.4	21.2
Mass.	Boston	42	12.2	11.8	8.1	.7	T	-	-	-	-	T	1.2	8.1	42.1
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7
	Sault Ste. Marie	36	26.7	19.6	15.1	4.8	.7	T	-	-	.2	2.3	15.1	26.3	110.8
Minn.	Duluth	34	17.1	11.8	14.1	6.8	.9	T	-	T	T	1.2	10.2	15.7	77.8
	Minneapolis-St. Paul	39	9.2	8.3	10.7	2.5	.2	-	-	-	T	.4	5.8	9.0	46.1
Miss.	Jackson	14	.5	.3	.4	T	-	-	-	-	-	-	T	T	1.2
Mo.	Kansas City	43	5.9	3.8	3.7	.7	T	-	-	-	-	T	1.1	4.3	19.5
	St. Louis	41	4.6	4.1	4.4	.2	T	-	-	-	-	T	1.5	3.7	18.5
Mont.	Great Falls	40	10.0	8.3	9.8	7.5	1.4	.4	T	-	1.3	3.0	7.3	8.8	57.8
Nebr.	Omaha	42	8.5	7.2	6.7	.9	.1	-	-	-	T	.3	2.5	5.8	32.0
Nev.	Reno	35	6.3	5.4	5.3	1.6	1.1	T	-	-	T	.3	1.6	4.9	26.5
N.H.	Concord	36	17.2	15.3	11.6	2.2	.2	-	-	-	-	.1	3.9	14.3	64.8
N.J.	Atlantic City	33	4.9	4.8	3.1	.2	T	-	-	-	-	T	.4	2.4	15.8
N. Mex.	Albuquerque	38	2.3	1.8	2.1	.5	T	-	-	-	T	T	1.2	2.6	10.5
N.Y.	Albany	31	15.0	15.3	12.0	2.5	.1	-	-	-	-	.1	4.5	16.2	65.7
	Buffalo	34	23.0	18.1	12.2	3.2	.1	-	-	-	T	.3	13.2	22.8	92.9
	New York[1]	109	7.6	8.6	5.2	.9	T	-	-	-	-	T	.9	5.8	29.0
N.C.	Charlotte	38	2.1	1.3	1.0	T	-	-		-	-	-	.1	.7	5.3
	Raleigh	33	2.6	1.8	1.3	T	-	-	-	-	-	-	.2	.9	6.8
N. Dak.	Bismarck	38	7.0	5.9	7.9	3.7	1.0	T	-	-	.2	1.3	5.0	6.7	38.7
Ohio	Cincinnati	30	6.8	5.0	4.8	.5	T	-	-	-	-	.1	2.9	3.8	23.9
	Cleveland	36	10.8	11.0	10.0	2.1	.1	-	-	-	T	.8	5.8	11.6	52.2
	Columbus	30	7.5	5.8	4.9	.7	T	-	-	-	T	.1	2.8	5.9	27.7
Okla.	Oklahoma City	38	2.8	2.2	1.7	T	-	-	-	-	-	T	.5	1.6	8.8
Oreg.	Portland	37	4.2	.7	.6	T	T	-	-	-	T	T	.4	1.5	7.4
Pa.	Philadelphia	35	5.7	5.9	3.7	.2	T	-	-	-	-	T	.7	4.0	20.2
	Pittsburgh	25	11.2	10.3	9.1	1.5	.2	-	-	-	-	.2	4.0	8.8	45.3
R.I.	Providence	24	9.6	10.2	9.0	.7	.3	-	-	-	-	.1	.5	7.6	38.0
S.C.	Columbia	30	.4	.8	.2	-	-	-	-	-	-	-	T	.3	1.7
S. Dak.	Sioux Falls	32	6.1	9.2	10.2	1.6	T	-	-	-	T	4.5	4.0	7.5	39.1
Tenn.	Memphis	27	2.1	1.2	1.2	T	-	-	-	-	-	-	.1	.9	5.5
	Nashville	36	4.0	2.5	1.7	.1	-	-	-	-	-	-	.6	2.0	10.9
Tex.	Dallas	24	1.5	.7	.3	-	-	-	-	-	-	-	.2	.2	2.9
	El Paso	38	1.4	.8	.4	T	-	-	-	-	-	T	1.1	1.0	4.7
	Houston	43	.2	.2	T	-	-	-	-	-	-	-	T	T	.4
Utah	Salt Lake City	49	13.2	9.7	10.4	5.0	.6	T	-	-	.1	1.1	6.2	12.0	58.3
Vt.	Burlington	34	17.9	18.0	12.4	3.6	.2	-	-	-	T	.2	7.4	19.6	79.3
Va.	Norfolk	29	3.1	1.8	.9	T	-	-	-	-	-	-	T	1.2	7.0
	Richmond	40	5.2	3.3	2.8	.1	-	-	-	-	-	T	.4	2.1	13.9
Wash.	Seattle-Tacoma	33	6.8	1.6	1.7	.1	T	-	-	-	T	.1	1.1	3.2	14.6
	Spokane	30	18.3	7.6	4.8	.6	.1	T	-	-	-	.6	5.8	15.5	53.3
W. Va.	Charleston	30	8.9	7.7	4.3	.4	T	-	-	-	-	.2	2.9	5.2	29.6
Wis.	Milwaukee	37	12.2	9.0	9.5	1.8	T	-	-	-	T	.1	3.1	10.2	45.9
Wyo.	Cheyenne	42	5.8	5.5	11.9	9.3	3.1	.3	-	-	.7	3.4	6.0	5.2	51.2
P.R.	San Juan	22	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 374. Average Percentage of Possible Sunshine—Selected Cities

[Airport data, except as noted. For period of record through 1977, except as noted]

State and station		Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Montgomery [1]	25	47	53	58	64	66	65	63	65	63	66	57	50	59
Alaska	Juneau	32	32	32	37	38	39	33	31	32	26	20	23	20	31
Ariz.	Phoenix	82	78	80	83	88	93	94	85	85	89	88	84	77	86
Ark.	Little Rock	32	46	54	57	61	68	73	71	73	68	69	56	48	63
Calif.	Los Angeles [1]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	29	47	62	71	80	87	92	97	96	93	84	63	46	79
	San Francisco [1]	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo.	Denver	28	72	71	70	66	65	71	71	72	74	73	66	68	70
Conn.	Hartford	23	58	57	57	57	58	58	62	63	59	58	46	48	57
Del.	Wilmington [2]	25	50	54	57	57	59	64	63	61	60	60	54	51	53
D.C.	Washington	29	49	52	56	58	59	64	63	63	62	59	52	47	58
Fla.	Jacksonville	27	57	61	66	71	69	62	60	58	54	57	60	56	61
	Key West [1]	17	72	76	81	84	80	71	75	76	69	68	72	74	75
Ga.	Atlanta	42	48	54	57	66	68	67	62	65	63	67	59	50	61
Hawaii	Honolulu	25	63	65	68	66	69	70	73	75	74	67	60	59	67
Idaho	Boise	36	41	52	63	68	72	75	88	85	82	67	45	40	67
Ill.	Chicago [1]	33	44	47	51	53	61	67	70	68	63	62	41	38	57
	Peoria	34	46	50	52	55	59	66	69	67	64	62	45	40	58
Ind.	Indianapolis	34	42	51	52	56	62	67	70	71	66	64	43	40	58
Iowa	Des Moines	27	51	54	54	56	60	67	72	69	64	63	50	45	60
Kans.	Wichita	24	60	61	61	62	65	70	74	74	65	66	60	58	65
Ky.	Louisville	30	42	47	51	55	62	66	66	68	64	62	47	40	57
La.	New Orleans	4	47	65	53	69	58	69	58	55	63	68	53	53	60
Maine	Portland	37	56	59	56	57	56	59	64	65	61	59	47	53	58
Md.	Baltimore	27	52	55	55	56	57	62	65	62	60	59	51	48	57
Mass.	Boston	42	54	56	57	57	59	63	66	67	63	61	51	52	60
Mich.	Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	36	35	46	54	55	57	58	63	58	45	41	23	28	48
Minn.	Duluth	27	49	54	55	54	56	58	67	62	52	48	34	39	54
	Minneapolis-St. Paul	39	50	57	54	56	59	63	71	67	61	57	39	40	58
Miss.	Jackson	13	49	57	59	62	62	69	62	62	58	64	53	47	59
Mo.	Kansas City	5	62	61	65	72	74	76	82	68	57	64	53	59	67
	St. Louis	18	54	53	56	57	62	68	72	65	63	63	49	43	59
Mont.	Great Falls	35	48	57	67	62	64	65	80	77	68	61	46	45	63
Nebr.	Omaha [1]	40	55	55	55	59	62	68	76	72	67	67	52	48	62
Nev.	Reno	35	66	68	75	80	81	85	92	93	92	84	71	64	81
N.H.	Concord	36	52	54	52	53	55	57	62	61	55	54	42	47	54
N.J.	Atlantic City	17	50	51	53	55	55	58	60	63	58	56	49	43	55
N. Mex.	Albuquerque	38	73	73	74	76	80	83	76	76	80	79	78	72	77
N.Y.	Albany	39	46	51	52	53	55	59	63	61	56	52	36	38	53
	Buffalo	34	33	39	46	53	58	66	69	66	59	53	29	27	52
	New York [3]	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C.	Charlotte	27	55	60	63	70	69	70	69	70	68	69	63	58	66
	Raleigh	23	55	59	63	65	59	60	61	60	60	62	62	56	60
N. Dak.	Bismarck	38	54	55	60	59	63	64	76	73	65	59	45	47	62
Ohio	Cincinnati [1]	60	41	45	51	55	61	67	68	67	66	59	44	38	57
	Cleveland	34	32	37	44	53	59	65	68	64	60	55	31	26	52
	Columbus	26	37	42	44	52	58	61	63	63	61	57	38	31	52
Okla.	Oklahoma City	23	59	61	63	63	65	73	75	77	69	68	60	59	67
Oreg.	Portland	28	25	36	43	50	55	52	69	63	59	41	29	20	48
Pa.	Philadelphia	35	51	54	56	57	57	62	63	63	59	59	52	49	58
	Pittsburgh	25	35	39	46	49	53	58	60	59	59	54	39	30	50
R.I.	Providence	24	57	56	55	56	57	57	60	59	58	59	49	51	56
S.C.	Columbia	24	57	61	63	68	65	64	64	66	64	66	64	60	64
S. Dak.	Rapid City [1]	33	54	59	61	59	57	60	71	73	67	65	56	54	62
Tenn.	Memphis	27	49	55	57	64	70	74	73	76	69	71	58	50	65
	Nashville	35	41	48	53	60	63	67	65	66	63	63	50	41	58
Tex.	Amarillo [1]	34	69	68	71	73	73	77	77	78	74	75	73	67	73
	El Paso	35	78	82	85	87	89	89	79	80	82	84	83	78	83
	Houston	8	45	56	45	52	59	65	67	62	60	61	55	65	57
Utah	Salt Lake City	40	48	56	64	67	73	79	84	83	84	73	54	45	70
Vt.	Burlington	34	42	48	51	51	56	60	65	62	54	50	30	33	51
Va.	Norfolk	19	57	58	63	66	67	68	65	65	64	60	60	57	63
	Richmond	27	51	56	59	63	63	66	65	64	63	59	56	51	60
Wash.	Seattle-Tacoma	11	21	43	49	52	59	55	67	62	61	41	28	17	49
	Spokane	29	26	40	53	60	63	65	80	77	70	51	29	20	57
W. Va.	Parkersburg [1]	78	32	36	43	49	56	59	62	60	59	54	37	29	48
Wis.	Milwaukee	37	45	47	51	54	59	64	71	67	60	56	41	38	56
Wyo.	Cheyenne	42	61	65	65	60	58	64	68	67	69	68	60	59	64
P.R.	San Juan	22	65	70	74	68	61	59	65	65	59	59	57	58	63

[1] For period of record through 1975

[2] Data not available; figures are for a nearby station.

[3] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 375. Average Wind Speed—Selected Cities

[In miles per hour. Airport data, except as noted. For period of record through 1977]

State and station	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. Mobile	29	10.7	10.9	11.2	10.5	9.0	7.8	7.0	6.9	8.1	8.3	9.5	10.2	9.2
Alaska Juneau	34	8.5	8.8	8.8	8.9	8.5	7.9	7.6	7.5	8.0	9.7	8.7	9.3	8.5
Ariz. Phoenix	32	5.1	5.8	6.6	6.9	7.0	6.9	7.2	6.6	6.3	5.8	5.3	5.1	6.2
Ark. Little Rock	35	8.8	9.3	10.1	9.5	8.0	7.6	6.9	6.6	7.0	7.0	8.3	8.6	8.1
Calif. Los Angeles	29	6.6	7.3	8.0	8.4	8.2	7.9	7.7	7.6	7.2	6.8	6.5	6.4	7.4
Sacramento	29	7.7	7.9	9.1	9.1	9.4	10.0	9.2	8.7	7.8	6.8	6.3	7.1	8.3
San Francisco	50	7.1	8.5	10.4	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo. Denver	29	9.2	9.4	10.1	10.4	9.6	9.2	8.5	8.2	8.2	8.2	8.7	9.0	9.1
Conn. Hartford	23	9.4	9.8	10.4	10.6	9.3	8.4	7.8	7.6	7.6	8.1	8.7	8.9	8.9
Del. Wilmington	29	9.8	10.5	11.2	10.4	9.0	8.4	7.7	7.4	7.9	8.2	9.2	9.4	9.1
D.C. Washington	29	10.0	10.5	10.9	10.5	9.2	8.8	8.1	8.0	8.2	8.6	9.3	9.4	9.3
Fla. Jacksonville	28	8.4	9.5	9.4	9.1	8.6	8.4	7.5	7.3	8.2	8.7	8.2	8.2	8.5
Miami	*28*	*9.4*	*10.1*	*10.4*	*10.7*	*9.5*	*8.1*	*7.8*	*7.8*	*8.1*	*9.3*	*9.5*	*9.1*	*9.1*
Ga. Atlanta	39	10.5	11.0	10.9	10.1	8.6	7.9	7.4	7.0	8.0	8.4	9.1	9.8	9.1
Hawaii Honolulu	28	9.9	10.8	11.6	12.2	12.3	12.9	13.7	13.5	11.7	10.9	11.1	11.0	11.8
Idaho Boise	38	8.5	9.3	10.4	10.4	9.6	9.2	8.5	8.3	8.3	8.6	8.6	8.4	9.0
Ill. Chicago	19	11.6	11.6	11.8	12.1	10.5	9.1	8.0	8.1	8.7	9.8	11.0	10.9	10.3
Peoria	34	11.2	11.6	12.3	12.2	10.3	9.2	8.0	7.8	8.7	9.5	11.2	11.0	10.3
Ind. Indianapolis	29	11.1	11.2	11.9	11.4	9.6	8.6	7.5	7.2	8.1	8.9	10.6	10.5	9.7
Iowa Des Moines	28	11.8	11.8	13.1	13.3	11.5	10.5	9.0	8.8	9.5	10.5	11.7	11.5	11.1
Kans. Wichita	24	12.4	13.0	14.5	14.5	12.9	12.5	11.2	11.3	11.6	12.2	12.3	12.2	12.5
Ky. Louisville	30	9.7	9.9	10.5	10.0	8.1	7.4	6.7	6.4	6.8	7.2	9.0	9.3	8.4
La. New Orleans	29	9.5	10.0	10.2	9.6	8.2	6.9	6.2	6.1	7.4	7.6	8.8	9.2	8.3
Maine Portland	37	9.2	9.6	10.1	10.0	9.2	8.2	7.6	7.5	7.8	8.5	8.8	9.1	8.8
Md. Baltimore	27	9.9	10.7	11.2	10.9	9.5	8.7	8.1	8.1	8.3	8.9	9.5	9.4	9.4
Mass. Boston	20	14.2	14.1	14.0	13.4	12.2	11.3	10.8	10.8	11.2	12.1	13.0	13.8	12.6
Mich. Detroit	43	11.7	11.6	11.5	11.1	9.9	9.1	8.4	8.1	8.9	9.6	11.4	11.4	10.2
Sault Ste. Marie	*36*	*10.1*	*10.0*	*10.4*	*10.7*	*10.2*	*8.8*	*8.2*	*8.1*	*8.9*	*9.5*	*10.1*	*10.0*	*9.6*
Minn. Duluth	28	12.0	11.8	12.1	13.1	12.3	10.8	9.8	9.7	10.5	11.4	12.1	11.4	11.4
Minneapolis-St. Paul	39	10.4	10.6	11.3	12.3	11.3	10.5	9.3	9.1	9.8	10.4	11.0	10.4	10.5
Miss. Jackson	14	9.0	8.9	9.6	8.8	7.2	6.3	6.0	5.7	6.5	6.5	7.8	8.6	7.6
Mo. Kansas City	5	10.9	11.9	12.4	11.9	9.7	9.5	8.4	8.9	8.6	9.7	11.0	10.9	10.3
St. Louis	28	10.3	10.9	11.8	11.3	9.3	8.6	7.7	7.4	7.9	8.5	9.9	10.3	9.5
Mont. Great Falls	36	15.8	14.9	13.6	13.1	11.6	11.4	10.2	10.5	11.5	13.6	14.9	16.0	13.1
Nebr. Omaha	42	11.1	11.4	12.7	13.1	11.4	10.4	9.1	9.1	9.6	10.0	11.1	10.8	10.8
Nev. Reno	35	5.8	6.1	7.6	8.0	7.7	7.3	6.6	6.2	5.5	5.3	5.2	5.0	6.4
N.H. Concord	36	7.3	7.9	8.3	7.9	7.1	6.3	5.6	5.3	5.5	5.9	6.5	7.0	6.7
N.J. Atlantic City	19	11.7	12.2	12.5	12.1	10.7	9.7	9.0	8.6	9.1	9.7	11.1	11.3	10.6
N. Mex. Albuquerque	38	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.9	7.7	9.0
N.Y. Albany	39	9.8	10.4	10.7	10.5	9.1	8.2	7.4	7.0	7.3	8.0	8.9	9.2	8.9
Buffalo	38	14.5	14.1	13.8	13.0	11.8	11.2	10.6	10.0	10.6	11.4	13.0	13.5	12.3
New York [1]	58	10.7	10.8	11.0	10.4	8.8	8.1	7.7	7.6	8.1	9.0	9.9	10.4	9.4
N.C. Charlotte	28	8.0	8.5	8.9	9.0	7.6	6.9	6.6	6.6	6.8	7.1	7.3	7.4	7.6
Raleigh	28	8.6	9.2	9.5	9.2	7.8	7.0	6.7	6.5	6.9	7.3	7.9	8.1	7.9
N. Dak. Bismarck	38	10.1	10.1	11.2	12.4	12.1	10.9	9.5	9.7	10.2	10.1	10.3	9.6	10.5
Ohio Cincinnati	30	10.7	10.7	11.2	10.8	8.8	7.9	7.1	6.7	7.4	8.0	9.6	10.2	9.1
Cleveland	36	12.5	12.4	12.5	11.8	10.3	9.4	8.7	8.3	9.1	10.0	12.1	12.3	10.8
Columbus	28	10.3	10.5	10.8	10.1	8.6	7.5	6.7	6.4	6.8	7.7	9.6	9.9	8.7
Okla. Oklahoma City	29	13.2	13.6	15.0	15.0	13.2	12.7	11.2	10.8	11.4	12.1	12.6	12.7	12.8
Oreg. Portland	29	10.0	8.9	8.4	7.2	6.9	7.0	7.5	7.1	6.4	6.4	8.4	9.6	7.8
Pa. Philadelphia	37	10.4	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.7	10.1	9.6
Pittsburgh	25	10.8	11.1	11.1	10.7	9.3	8.2	7.5	7.2	7.7	8.5	10.1	10.6	9.4
R.I. Providence	24	11.5	11.8	12.3	12.4	11.0	10.0	9.5	9.4	9.5	9.8	10.5	11.1	10.7
S.C. Columbia	29	7.0	7.6	8.3	8.4	7.0	6.7	6.5	6.0	6.1	6.2	6.4	6.6	6.9
S. Dak. Sioux Falls	29	11.0	11.1	12.6	13.4	12.1	10.8	9.8	9.8	10.3	10.8	11.6	10.8	11.2
Tenn. Memphis	29	10.6	10.6	11.4	10.7	8.9	8.1	7.5	7.1	7.6	7.8	9.4	10.1	9.1
Nashville	36	9.2	9.5	10.0	9.5	7.6	7.0	6.3	6.1	6.3	6.6	8.4	8.9	8.0
Tex. Dallas	24	11.3	12.1	13.2	12.8	11.2	10.9	9.5	9.1	9.5	9.7	10.8	11.1	10.9
El Paso	35	9.0	9.9	11.8	11.8	11.0	10.0	8.9	8.4	8.3	8.1	8.5	8.5	9.5
Houston	8	8.1	8.7	9.5	9.2	7.9	7.4	6.4	5.3	6.5	6.4	7.7	7.7	7.6
Utah Salt Lake City	48	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.7
Vt. Burlington	34	9.6	9.4	9.4	9.3	8.8	8.2	7.8	7.5	8.0	8.6	9.5	9.7	8.8
Va. Norfolk	29	11.6	12.1	12.4	11.8	10.3	9.6	8.8	8.8	9.6	10.4	10.7	11.0	10.6
Richmond	29	7.9	8.6	8.9	8.8	7.7	7.2	6.7	6.3	6.6	6.8	7.4	7.5	7.5
Wash. Seattle-Tacoma	29	10.2	9.9	10.2	9.7	9.2	8.9	8.4	8.0	8.2	8.8	9.3	10.0	9.2
Spokane	30	8.9	9.2	9.6	9.7	8.9	8.9	8.3	8.1	8.0	8.1	8.3	8.8	8.7
W. Va. Charleston	30	7.6	8.0	8.5	7.7	6.3	5.6	5.0	4.4	4.8	5.3	6.9	7.3	6.5
Wis. Milwaukee	37	12.9	12.8	13.3	13.1	11.9	10.5	9.7	9.6	10.7	11.5	12.7	12.5	11.8
Wyo. Cheyenne	20	15.7	15.3	14.9	14.7	13.0	11.7	10.5	10.7	11.4	12.5	13.8	15.0	13.3
P.R. San Juan	22	9.2	9.3	9.7	9.4	8.8	9.2	10.0	9.3	7.7	7.0	7.7	8.8	8.8

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 376. Normal Monthly and Seasonal Heating Degree Days, 65° Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1941 through 1970. For definition of "degree day," see text, p. 205]

	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala.	Mobile	451	337	221	40	-	-	-	-	-	39	211	385	1,684
Alaska	Juneau	1,287	1,036	1,026	783	564	354	288	332	474	719	975	1,169	9,007
Ariz.	Phoenix	428	292	185	60	-	-	-	-	-	17	182	388	1,552
Ark.	Little Rock	791	619	470	139	21	-	-	-	5	143	441	725	3,354
Calif.	Los Angeles	331	270	267	195	114	71	19	15	23	77	158	267	1,819
	Sacramento	617	426	372	227	120	20	-	-	5	101	360	595	2,843
	San Francisco	518	386	372	291	210	120	93	84	66	137	291	474	3,042
Colo.	Denver	1,088	902	868	525	253	80	-	-	120	408	768	1,004	6,016
Conn.	Hartford	1,246	1,070	911	519	226	24	-	12	106	384	711	1,141	6,350
Del.	Wilmington	1,023	879	725	381	128	-	-	-	32	254	579	939	4,940
D.C.	Washington	911	776	617	265	72	-	-	-	14	190	510	856	4,211
Fla.	Jacksonville	348	282	176	24	-	-	-	-	-	19	161	317	1,327
	Miami	53	67	17	-	-	-	-	-	-	-	13	56	206
Ga.	Atlanta	701	560	443	144	27	-	-	-	8	137	408	667	3,095
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,116	826	741	480	252	97	-	12	127	406	756	1,020	5,833
Ill.	Chicago	1,305	1,089	908	486	240	45	7	18	90	360	774	1,175	6,497
	Peoria	1,277	1,044	859	416	180	17	-	8	70	327	753	1,147	6,098
Ind.	Indianapolis	1,150	960	784	387	159	11	-	5	63	302	699	1,057	5,577
Iowa	Des Moines	1,414	1,142	964	465	186	26	-	13	94	350	816	1,240	6,710
Kans.	Wichita	1,045	804	671	275	90	7	-	-	32	211	606	946	4,687
Ky.	Louisville	983	818	661	286	105	5	-	-	35	241	600	911	4,645
La.	New Orleans	403	299	188	29	-	-	-	-	-	40	179	327	1,465
Maine	Portland	1,349	1,179	1,029	669	381	106	27	55	200	493	792	1,218	7,498
Md.	Baltimore	980	846	688	340	110	-	-	-	27	250	567	921	4,729
Mass.	Boston	1,110	969	834	492	218	27	-	8	76	301	594	992	5,621
Mich.	Detroit	1,225	1,067	918	507	238	26	-	11	80	342	717	1,097	6,228
	Sault Ste. Marie	1,575	1,394	1,271	804	496	200	96	125	291	583	966	1,392	9,193
Minn.	Duluth	1,751	1,481	1,287	792	484	194	67	104	318	611	1,098	1,569	9,756
	Minneapolis-St. Paul	1,637	1,358	1,138	597	271	65	11	21	173	472	978	1,438	8,159
Miss.	Jackson	569	442	313	74	6	-	-	-	-	91	301	504	2,300
Mo.	Kansas City	1,153	893	745	314	111	12	-	-	42	235	642	1,014	5,161
	St. Louis	1,045	837	682	272	103	10	-	-	35	224	600	942	4,750
Mont.	Great Falls	1,380	1,075	1,070	648	367	162	18	42	260	524	912	1,194	7,652
Nebr.	Omaha	1,314	1,036	865	391	148	20	-	6	71	301	750	1,147	6,049
Nev.	Reno	1,026	781	766	546	328	145	17	50	168	456	747	992	6,022
N.H.	Concord	1,376	1,187	1,014	624	315	58	16	45	182	487	810	1,246	7,360
N.J.	Atlantic City	1,001	871	741	399	131	9	-	-	35	262	570	927	4,946
N.Mex.	Albuquerque	924	700	595	282	58	-	-	-	7	218	615	893	4,292
N.Y.	Albany	1,349	1,162	980	543	253	39	9	22	135	422	762	1,212	6,888
	Buffalo	1,280	1,137	1,020	603	321	58	12	33	138	419	756	1,150	6,927
	New York [1]	1,017	885	741	387	137	-	-	-	29	209	528	915	4,848
N.C.	Charlotte	710	588	461	145	34	-	-	-	10	152	420	698	3,218
	Raleigh	760	638	502	180	48	-	-	-	12	186	450	738	3,514
N.Dak.	Bismarck	1,761	1,442	1,237	660	339	122	18	35	252	564	1,083	1,531	9,044
Ohio	Cincinnati	1,051	888	722	341	138	9	-	-	44	271	636	970	5,070
	Cleveland	1,181	1,039	896	501	244	40	9	17	95	354	702	1,076	6,154
	Columbus	1,135	972	800	418	176	13	-	8	76	342	699	1,063	5,702
Okla.	Oklahoma City	874	664	532	180	36	-	-	-	12	148	474	775	3,695
Oreg.	Portland	834	622	598	432	264	128	48	56	119	347	591	753	4,792
Pa.	Philadelphia	1,014	871	716	367	122	-	-	-	38	249	564	924	4,865
	Pittsburgh	1,144	1,000	834	444	208	26	7	16	98	372	711	1,070	5,930
R.I.	Providence	1,135	997	871	531	259	36	-	10	93	350	651	1,039	5,972
S.C.	Columbia	608	493	360	83	12	-	-	-	-	112	341	589	2,598
S.Dak.	Sioux Falls	1,575	1,277	1,085	567	259	65	10	18	165	465	957	1,395	7,838
Tenn.	Memphis	760	594	457	131	22	-	-	-	7	142	423	691	3,227
	Nashville	828	672	524	176	45	-	-	-	10	180	498	763	3,696
Tex.	Dallas-Fort Worth	626	456	335	88	-	-	-	-	-	60	287	530	2,382
	El Paso	663	465	328	89	-	-	-	-	-	92	402	639	2,678
	Houston	416	294	189	23	-	-	-	-	-	24	155	333	1,434
Utah	Salt Lake City	1,147	885	787	474	237	88	-	5	105	402	777	1,076	5,983
Vt.	Burlington	1,494	1,299	1,113	660	331	63	20	49	191	502	840	1,314	7,876
Va.	Norfolk	760	661	532	226	53	-	-	-	9	141	402	704	3,488
	Richmond	853	717	569	226	64	-	-	-	21	203	480	806	3,939
Wash.	Seattle-Tacoma	831	636	648	489	313	167	80	82	170	397	612	760	5,185
	Spokane	1,228	918	853	567	327	144	21	47	196	533	885	1,116	6,835
W. Va.	Charleston	946	798	642	287	113	10	-	-	46	267	588	893	4,590
Wis.	Milwaukee	1,414	1,190	1,042	609	348	90	15	36	140	440	855	1,265	7,444
Wyo.	Cheyenne	1,190	1,008	1,035	669	394	156	22	31	225	530	885	1,110	7,255
P.R.	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 377. Average Relative Humidity,

[Airport data, except as noted. Eastern standard time. For period of record through 1977. Hours selected to give, observations were made on

STATE AND STATION		Length of record (yr.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.
Ala.	Mobile	15	82	63	80	54	83	56	87	54	86	53	87	54
Alaska	Juneau	34	79	76	81	75	79	70	75	65	74	62	76	65
Ariz.	Phoenix	17	43	30	37	25	32	22	23	15	18	13	17	12
Ark.	Little Rock	17	81	61	79	57	78	56	82	56	86	56	86	54
Calif.	Los Angeles	18	54	59	58	62	60	65	60	63	66	66	70	68
	Sacramento	17	85	69	79	60	67	51	57	42	51	36	47	31
	San Francisco	18	78	66	75	65	69	62	65	60	64	60	64	59
Colo.	Denver	17	44	47	43	42	41	40	38	35	38	36	37	36
Conn.	Hartford	18	71	57	73	56	72	53	69	44	73	47	78	52
Del.	Wilmington	30	75	60	74	58	74	53	73	50	76	53	79	54
D.C.	Washington	17	68	54	68	51	68	49	68	47	72	51	75	52
Fla.	Jacksonville	41	87	57	85	52	85	49	85	48	84	50	86	56
	Miami	13	84	60	83	57	82	57	79	54	83	61	87	67
Ga.	Atlanta	17	79	60	75	54	78	52	80	51	83	55	86	58
Hawaii	Honolulu	8	81	63	76	59	73	59	70	58	66	54	65	53
Idaho	Boise	38	74	71	68	61	55	44	47	36	45	34	42	31
Ill.	Chicago	19	76	68	76	65	78	61	76	55	76	54	78	55
	Peoria	18	78	68	79	66	81	63	78	56	81	57	81	56
Ind.	Indianapolis	18	81	69	80	66	80	63	78	55	82	56	83	58
Iowa	Des Moines	16	76	69	79	67	79	63	78	57	78	56	80	56
Kans.	Wichita	24	79	63	78	59	76	53	77	52	83	55	82	53
Ky.	Louisville	17	77	64	76	62	76	58	75	53	83	55	84	58
La.	New Orleans	29	86	67	85	63	85	61	88	60	89	60	89	62
Maine	Portland	37	77	62	77	60	75	59	73	55	75	58	79	61
Md.	Baltimore	24	72	58	71	55	71	51	72	49	77	52	80	53
Mass.	Boston	13	66	57	67	57	68	57	66	53	70	57	74	60
Mich.	Detroit	44	78	68	78	65	77	60	73	52	71	51	73	53
	Sault Ste. Marie	36	82	76	82	73	83	68	80	61	79	56	85	62
Minn.	Duluth	16	75	69	75	64	78	63	77	57	76	54	81	60
	Minneapolis-St. Paul	18	73	67	74	65	77	64	76	54	76	53	79	54
Miss.	Jackson	14	87	65	86	58	87	57	90	56	91	56	90	55
Mo.	Kansas City	5	74	64	75	62	77	61	75	56	83	58	83	57
	St. Louis	17	82	65	80	61	81	58	79	54	83	56	84	57
Mont.	Great Falls	16	62	61	58	54	53	46	49	42	45	40	45	40
Nebr.	Omaha	14	76	65	77	61	76	57	76	53	79	54	81	55
Nev.	Reno	14	67	50	57	39	46	32	38	28	34	25	33	24
N.H.	Concord	12	74	59	75	59	79	57	76	46	79	49	87	56
N.J.	Atlantic City	13	75	57	77	56	77	55	75	50	78	56	83	58
N. Mex.	Albuquerque	17	49	38	43	31	32	23	25	18	23	16	23	16
N.Y.	Albany	12	79	63	76	58	73	54	69	46	75	52	79	56
	Buffalo	17	78	73	79	70	80	67	76	58	76	56	78	57
	New York [1]	56	68	60	68	58	67	55	67	51	71	53	74	55
N.C.	Charlotte	17	78	57	75	51	79	50	79	47	84	53	86	57
	Raleigh	13	78	55	74	48	79	48	80	44	87	55	88	57
N. Dak.	Bismarck	18	73	67	76	68	78	62	79	53	79	49	84	53
Ohio	Cincinnati	15	78	67	76	62	77	60	76	53	79	53	82	55
	Cleveland	17	76	69	77	68	77	65	75	57	77	58	80	59
	Columbus	18	76	67	75	64	74	58	75	52	79	54	81	55
Okla.	Oklahoma City	12	79	60	77	54	75	52	78	52	83	57	84	56
Oreg.	Portland	37	82	76	79	67	72	60	68	54	66	53	64	49
Pa.	Philadelphia	18	73	59	71	56	71	53	69	48	75	52	78	55
	Pittsburgh	18	76	66	73	62	74	58	72	50	75	51	79	52
R.I.	Providence	14	71	56	70	55	70	54	68	47	71	51	76	57
S.C.	Columbia	11	83	56	81	47	83	48	83	43	88	50	88	53
S. Dak.	Sioux Falls	14	75	67	78	66	81	62	80	55	80	52	81	55
Tenn.	Memphis	38	79	64	78	59	77	56	78	53	82	55	83	56
	Nashville	12	80	65	78	58	78	53	81	52	87	56	88	56
Tex.	Dallas-Fort Worth	14	80	60	78	56	79	57	85	59	88	61	86	56
	El Paso	17	42	33	34	25	28	20	22	15	22	15	24	17
	Houston	8	88	64	87	55	88	61	91	60	94	61	92	59
Utah	Salt Lake City	18	69	67	63	57	51	44	44	39	37	31	31	26
Vt.	Burlington	12	69	63	72	63	72	59	74	52	74	51	80	58
Va.	Norfolk	29	75	59	74	56	73	54	73	50	78	56	79	57
	Richmond	43	81	57	79	52	78	48	75	45	79	50	82	53
Wash.	Seattle-Tacoma	18	79	75	76	66	75	63	71	58	68	54	67	53
	Spokane	18	82	77	78	68	67	54	56	43	51	40	48	35
W. Va.	Charleston	30	77	63	76	59	74	53	75	47	82	50	86	54
Wis.	Milwaukee	17	75	68	76	67	79	66	79	62	78	61	82	62
Wyo.	Cheyenne	18	44	48	43	45	45	45	41	39	39	40	39	40
P.R.	San Juan	22	80	64	79	62	77	60	74	61	77	64	78	65

[1] City office data.

PERCENT—SELECTED CITIES

for most of country, approximation of average highest and average lowest humidity values. Relative humidity the half-hour prior to 1957]

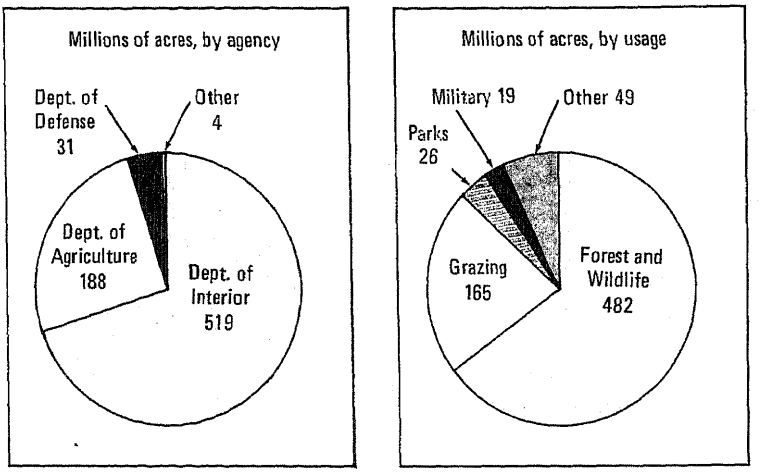
JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATE AND STATION	
7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.		
89	60	89	61	88	61	85	52	85	56	84	62	85	57	Ala.	Mobile.
81	70	84	74	87	78	87	81	85	82	82	81	81	73	Alaska	Juneau.
28	20	33	23	32	23	30	22	37	27	46	34	31	22	Ariz.	Phoenix.
87	58	88	56	89	60	85	51	82	57	80	62	84	57	Ark.	Little Rock.
68	68	69	69	67	68	60	65	57	63	55	61	62	65	Calif.	Los Angeles.
47	28	49	29	51	31	57	39	75	59	85	71	63	46		Sacramento.
66	60	67	62	65	59	67	59	74	64	78	69	69	62		San Francisco.
36	36	36	35	39	36	35	35	44	49	44	50	40	40	Colo.	Denver.
79	51	84	53	87	56	84	52	79	57	78	62	77	53	Conn.	Hartford.
80	54	83	56	85	55	84	54	80	56	77	60	78	55	Del.	Wilmington.
75	52	79	54	80	55	78	51	73	52	71	57	73	52	D.C.	Washington.
87	58	90	60	91	62	90	58	89	55	88	58	87	55	Fla.	Jacksonville.
86	65	87	66	89	68	87	65	84	61	83	59	84	62		Miami.
90	63	91	62	90	61	84	53	81	54	80	59	83	57	Ga.	Atlanta.
65	51	66	53	65	52	67	54	73	58	76	60	70	56	Hawaii	Honolulu.
33	22	34	23	39	30	49	41	65	61	74	72	52	44	Idaho	Boise.
81	57	84	57	84	58	81	55	81	64	80	71	79	60	Ill.	Chicago.
86	58	87	60	87	59	84	58	83	66	83	72	82	61		Peoria.
87	60	90	61	90	60	88	57	85	67	83	73	84	62	Ind.	Indianapolis.
81	56	84	58	84	60	78	55	79	63	80	70	80	61	Iowa	Des Moines.
78	49	79	50	82	56	81	53	79	56	79	61	79	55	Kans.	Wichita.
86	58	88	58	89	60	86	55	79	61	77	65	81	59	Ky.	Louisville.
91	66	91	66	90	66	88	59	86	61	86	67	88	63	La.	New Orleans.
80	60	84	59	86	61	85	59	84	63	80	62	80	60	Maine	Portland.
81	53	84	55	85	56	82	54	77	54	74	59	77	54	Md.	Baltimore.
73	56	75	57	79	61	76	57	74	61	72	61	72	58	Mass.	Boston.
74	51	80	53	82	55	81	55	79	64	79	69	77	58	Mich.	Detroit.
88	62	92	63	92	67	89	67	87	76	84	78	85	67		Sault Ste. Marie.
84	58	87	62	87	63	81	62	81	70	79	74	80	63	Minn.	Duluth.
81	54	84	55	86	60	82	58	81	66	78	70	79	60		Minneapolis-St. Paul.
93	59	94	60	94	61	93	54	90	58	88	65	90	59	Miss.	Jackson.
80	52	86	58	87	64	81	59	79	62	77	65	80	60	Mo.	Kansas City.
86	57	89	57	91	61	85	55	84	62	85	69	84	59		St. Louis.
37	28	38	30	46	37	46	41	55	54	61	61	50	44	Mont.	Great Falls.
83	56	86	59	87	61	82	56	80	62	80	67	80	59	Nebr.	Omaha.
28	19	32	21	34	21	40	26	56	40	65	51	44	31	Nev.	Reno.
88	53	90	54	92	58	88	54	85	62	81	66	83	56	N.H.	Concord.
84	58	86	57	87	58	86	56	81	57	76	59	81	56	N.J.	Atlantic City.
36	28	39	29	40	31	37	29	42	34	50	42	36	28	N.Mex.	Albuquerque.
80	55	84	56	88	59	85	56	82	63	81	67	79	57	N.Y.	Albany.
79	55	83	58	83	60	82	61	82	71	82	75	80	63		Buffalo.
75	55	78	57	79	57	76	55	73	59	70	61	72	56		New York.[1]
88	58	89	59	90	57	88	53	83	52	80	57	83	54	N.C.	Charlotte.
90	59	93	61	93	59	90	54	83	49	80	56	84	54		Raleigh.
82	46	81	43	82	49	78	50	79	62	76	69	79	56	N.Dak.	Bismarck.
85	57	88	57	88	59	83	55	79	63	79	69	81	59	Ohio	Cincinnati.
82	58	85	60	84	61	80	60	79	67	77	71	79	63		Cleveland.
84	56	87	58	88	58	82	55	81	64	78	69	80	59		Columbus.
81	50	82	51	85	57	80	52	78	54	77	57	80	54	Okla.	Oklahoma City.
61	45	65	46	67	49	79	64	82	74	84	79	72	60	Oreg.	Portland.
79	54	81	55	83	56	82	53	77	55	74	60	76	55	Pa.	Philadelphia.
83	53	86	55	86	57	81	54	79	62	76	67	78	57		Pittsburgh.
78	57	79	55	82	57	80	54	77	58	76	60	75	55	R.I.	Providence.
90	56	93	59	94	57	91	52	88	49	85	55	87	52	S.C.	Columbia.
81	51	83	51	86	57	80	55	82	64	79	70	81	59	S. Dak.	Sioux Falls.
85	57	86	56	86	56	83	51	80	55	79	62	81	57	Tenn.	Memphis.
91	59	92	60	91	61	87	56	80	59	80	64	84	58		Nashville.
81	50	83	52	88	60	84	56	81	56	79	58	83	57	Tex.	Dallas-Fort Worth.
39	30	40	31	44	34	36	28	37	31	43	35	34	26		El Paso.
93	58	94	61	94	65	93	59	90	60	88	62	91	60		Houston.
26	20	29	22	34	27	43	40	57	58	70	71	46	42	Utah	Salt Lake City.
81	55	85	59	88	65	83	63	81	70	77	72	78	61	Vt.	Burlington.
82	60	85	62	84	62	83	61	78	55	75	59	78	58	Va.	Norfolk.
85	56	88	57	89	56	89	53	84	50	81	55	83	53		Richmond.
65	49	70	53	74	58	80	68	80	74	81	77	74	62	Wash.	Seattle-Tacoma.
38	25	43	28	50	34	66	49	81	74	84	81	62	51		Spokane.
90	60	92	58	91	55	88	53	80	56	77	62	82	56	W.Va.	Charleston.
82	60	87	62	87	63	82	63	81	67	80	73	81	64	Wis.	Milwaukee.
34	37	34	35	36	37	36	39	41	47	43	49	40	42	Wyo.	Cheyenne.
78	66	79	65	79	66	80	66	81	66	80	65	78	64	P.R.	San Juan.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 8.1

Land Owned by the Federal Government: 1977

(See table 384)

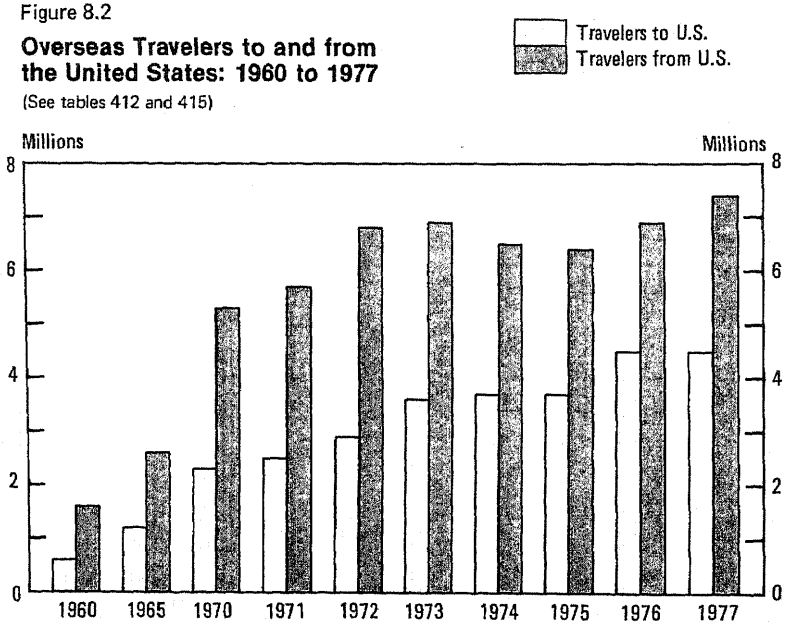


Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. General Services Administration.

Figure 8.2

Overseas Travelers to and from the United States: 1960 to 1977

(See tables 412 and 415)



Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. Bureau of Economic Analysis.

Section 8

Public Lands, Parks, Recreation, and Travel

This section presents statistics on the Federal public domain and federally owned and leased real property, Indian lands, public outdoor recreation acreage, national parks and forests, State and municipal parks, recreational activities, the performing arts, and domestic and foreign travel.

The primary source for data on public lands is *Public Land Statistics*, published annually by the Department of the Interior, Bureau of Land Management. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.* The Economics, Statistics, and Cooperatives Service of the Department of Agriculture also issues statistics on land use and land ownership.

Public domain and acquired lands.—"Original public-domain land" refers to land which was untitled at the time the U.S. Government acquired sovereignty over it; that is, no claim of legal ownership had been established over it by a private individual, or by any State or political subdivision. Title to this land passed directly to the U.S. Government at the time sovereignty was acquired. (Federally owned land within the District of Columbia is not considered to be original public-domain land).

Any original public-domain land which the government has not disposed of under the public-land laws are "public domain lands," as are those lands declared by the Congress to be public lands. Acquired lands are lands the U.S. Government has gained by purchase, condemnation, and gift, for various public purposes, such as sites for public buildings, defense installations, and natural resources conservation activities. Such lands are referred to as "acquired lands."

Indian lands.—Indian lands are the private landholdings of individual Indians or Indian tribes that are subject to special restrictive provisions of Federal law administered by the Bureau of Indian Affairs. They have been set aside for Indian use by treaties, congressional acts, and executive orders. Although most of these lands are in reservations for specific tribes, there are groups of scattered off-reservation allotments in individual ownership and other small tracts of land occupied by Indian groups.

Entries, selections, patents, and certifications.—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications become final entries (perfected entries) upon issuance of a final certificate to the applicant after he has complied fully with the requirements of the laws relating to his application. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data on and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national parks in its monthly report (also issued cumulatively), *Public Use of the National Parks*; its semiannual report, *Areas Administered by the National Park Service*, presents data on acreage in public

parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and non-federally owned national historic sites.

The Heritage Conservation and Recreation Service (formerly Bureau of Outdoor Recreation) in the Department of the Interior administers a land and water conservation fund which provides grants to States, counties, and cities for outdoor recreation purposes and to designated Federal agencies for acquisition of new recreational lands and waters. It also issues statistics on the fund and on other aspects of outdoor recreation. The Fish and Wildlife Service compiles and releases data on sport fishing and hunting and on the number and acreage of national wildlife refuges in its annual *Federal Aid in Fish and Wildlife Restoration*, and its *National Survey of Fishing and Hunting*, published every 5 years.

Statistics for State and municipal parks and playgrounds, as well as for other outdoor recreational activities, are compiled by the National Recreation and Park Association, Arlington, Va., which issues its *Recreation and Park Yearbook* at 5-year intervals, and its *Parks & Recreation* monthly. The Department of Agriculture's Forest Service, in its *Annual Report of the Chief*, issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, many more data are available in the files of public and private bodies than have been published; and much of the publication is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Domestic and foreign travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every five years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey*, vol. I, and its 1967 and 1972 *National Travel Survey*, vol. I.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in the monthly *Survey of Current Business*. Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Passport Office. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics*. Prior to 1976, data on sea travel were published by the U.S. Immigration and Naturalization Service in its *Annual Report*.

Statistical Reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the Census of Transportation, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

No. 378. Area and Acquisition of the Federal Public Domain: 1781 to 1977

One acre=.4 hectare. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 339 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 647,655 acres (262,102 hectares) in 1977. See also *Historical Statistics, Colonial Times to 1970*, series J 3–6:

Year	Land area [1]		Year and acquisition	Acres (mil.)			Hectares (mil.)		
	Acres (mil.)	Hectares (mil.)		Total	Land	Inland water	Total	Land	Inland water
1802	200	81	**Aggregate**	**1,838**	**1,805**	**33**	**744**	**731**	**13**
1850	1,200	486							
1880	900	365	1781-1802 (State Cessions)	237	233	3	96	94	1
1912	600	243	1803, Louisiana Purchase [2]	530	523	6	215	212	2
1946	413	167							
1950	412	167	1819, Cession from Spain	46	43	[3] 3	19	17	[3] 1
1955	408	165	Red River Basin [4]	30	29	1	12	12	(Z)
1959	769	311							
1960	772	313	1846, Oregon Compromise	183	181	3	74	73	1
1965	766	310	1848, Mexican Cession [2]	339	334	4	137	135	2
1970	761	308	1850, Purchase from Texas	79	79	(Z)	32	32	(Z)
1974	761	308	1853, Gadsden Purchase	19	19	(Z)	8	8	(Z)
1975	760	308	1867, Alaska Purchase	375	363	13	152	147	5
1976	762	308							
1977	742	300							

Z Less than 500,000.

[1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

[2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

[3] Includes 33,920 acres (13,738 hectares) subsequently part of Texas, which is not a public-domain State.

[4] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

No. 379. Ownership of Land, by Class: 1959 to 1974

[One acre=.4 hectare. See also *Historical Statistics, Colonial Times to 1970*, series J 66, J 71, and J 76]

Class	1959			1969			1974		
	Land		Percent	Land		Percent	Land		Percent
	Acres (millions)	Hectares (millions)		Acres (millions)	Hectares (millions)		Acres (millions)	Hectares (millions)	
Total [1]	**2,271**	**919.8**	**100.0**	**2,264**	**916.9**	**100.0**	**2,264**	**916.9**	**100.0**
Private land [2]	1,332	539.5	58.7	1,317	533.4	58.2	1,317	533.4	58.2
Indian land [3]	53	21.5	2.3	50	20.3	2.2	50	20.3	2.2
Public land	886	358.8	39.0	897	363.3	39.6	897	363.2	39.6
Federal land [4]	765	309.8	33.7	763	309.0	33.7	761	308.1	33.6
State land [5]	103	41.7	4.5	114	46.2	5.0	116	47.0	5.1
County and municipal land	18	7.3	.8	20	8.1	.9	20	8.1	.9

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs.

[2] Land owned by individuals, partnerships, and corporations.

[3] Trust land held by tribes and individual owners exclusive of federally owned land used by Indians.

[4] Gross acreage of Federal holdings including highway and road rights-of-way in Federal areas.

[5] Includes the major part of highway and road rights-of-way through predominantly private land areas.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Major Uses of Land in the United States*, December 1973, and unpublished data.

No. 380. United States Shoreline—Ownership and Use: 1971

Region [1]	Total shoreline [2]	Ownership			Shore use			
		Federal	State and local	Private	Recreation		Non-recreational development	Undeveloped
					Public	Private		
Total ..... miles [3]	**84,240**	**45,290**	**10,080**	**26,310**	**3,390**	**5,820**	**6,230**	**68,800**
North Atlantic	8,620	580	840	7,200	1,020	2,600	2,430	2,570
South Atlantic-Gulf	14,620	1,870	1,960	8,250	690	1,500	2,440	9,990
Lower Mississippi	1,940	240	330	1,370	20	30	50	1,840
Texas Gulf	2,500	390	50	2,060	400	160	110	1,830
Great Lakes	3,680	130	520	3,030	370	1,220	250	1,840
California	1,810	380	350	1,080	440	190	230	950
North Pacific	2,840	240	270	2,310	350	120	190	2,180
Alaska	47,300	41,350	5,500	450	10	–	330	46,960
Hawaii	930	110	260	560	90	–	200	640
Total ..... kilometers [3]	**135,567**	**72,885**	**16,221**	**42,340**	**5,455**	**9,366**	**10,025**	**110,719**
North Atlantic	13,872	933	1,351	11,586	1,641	4,184	3,910	4,135
South Atlantic-Gulf	23,527	3,009	3,154	13,276	1,110	2,413	3,926	16,076
Lower Mississippi	3,122	386	531	2,204	32	48	80	2,961
Texas Gulf	4,023	627	80	3,315	643	257	177	2,945
Great Lakes	5,922	209	836	4,876	595	1,963	402	2,961
California	2,912	611	563	1,738	708	305	370	1,528
North Pacific	4,570	386	434	3,717	563	193	305	3,508
Alaska	76,119	66,544	8,851	724	16	–	531	75,572
Hawaii	1,496	177	418	901	144	–	321	1,029

– Represents zero. [1] For definition of regions, see source.
[2] Includes "uncertain" ownership, not shown separately. [3] One mile=1.609 kilometers.

Source: U.S. Corps of Engineers, *Report on the National Shoreline Study*, 1971.

No. 381. Federal Land and Buildings Owned and Leased: 1955 to 1977

[As of **June 30** except, beginning **1976**, as of **Sept. 30**. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately]

Item and agency	1955	1960	1965	1970	1974	1975	1976	1977
Federally owned:								
Land, total ..... mil. acres	754	772	766	762	761	760	763	742
Dept. of Agriculture ..... mil. acres	189	186	187	187	188	188	190	188
Dept. of Defense ..... mil. acres	31	30	30	31	31	31	31	31
Dept. of the Interior ..... mil. acres	530	553	546	540	539	538	538	519
Buildings, number [1] 1,000	397	405	427	411	408	399	405	410
Dept. of Defense [1] 1,000	259	320	335	319	310	312	317	314
Dept. of the Interior 1,000	31	30	34	34	35	30	31	32
Buildings, floor area [1] ..... mil. sq. ft.	2,231	2,415	2,458	2,507	2,513	2,466	2,515	2,579
Dept. of Defense [1] ..... mil. sq. ft.	1,646	1,929	1,874	1,857	1,818	1,802	1,824	1,824
General Services Admin. ..... mil. sq. ft.	123	121	172	205	191	194	196	201
Dept. of the Interior ..... mil. sq. ft.	50	41	47	61	57	57	60	61
Veterans Administration ..... mil. sq. ft.	101	115	114	110	111	110	112	114
Cost of land, buildings, etc. ..... bil. dol.	38	53	66	79	87	91	96	101
Dept. of Defense ..... bil. dol.	24	31	39	44	54	56	58	60
Dept. of the Interior ..... bil. dol.	4	5	6	8	9	10	10	11
Federally leased:								
Land ..... mil. acres	(NA)	1.8	1.8	1.6	1.7	1.2	1.2	1.4
Dept. of Defense ..... mil. acres	(NA)	1.7	1.7	1.4	1.6	1.0	1.0	1.2
Buildings, floor area [1] ..... mil. sq. ft.	(NA)	97	132	182	215	210	230	228
Dept. of Defense [1] ..... mil. sq. ft.	(NA)	11	7	7	8	13	19	17
Rental property, cost ..... mil. dol.	(NA)	174	282	451	633	664	742	796
Dept. of Defense ..... mil. dol.	(NA)	35	35	63	58	65	65	75

NA Not available. [1] Excludes data for Dept. of Defense military functions outside United States.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

No. 382. Total Land, and Federally Owned Land and Buildings, 1955 to 1977, and by States, 1977

[As of **June 30**, except as noted]

Year and State	Land (1,000 acres)						Cost [2] of land owned by Federal Govt. (cumulative) (mil. dol.)	Federally owned buildings	
	Total	Not owned by Federal Government	Owned by Federal Government					Number	Cost (cumulative) (mil. dol.)
			Total [1]		Public domain	Acquired by other methods			
			Acres	Percent					
1955 [3]	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,369	384,916	14,475
1960	2,273,407	1,501,894	771,512	33.9	720,004	51,508	2,956	405,443	19,916
1965	2,271,343	1,505,546	765,797	33.7	712,525	53,272	4,128	426,863	24,368
1970	2,271,343	1,510,042	761,301	33.5	706,436	54,865	5,476	410,587	28,705
1971	2,271,343	1,511,140	760,204	33.5	704,794	55,410	5,778	406,528	29,339
1972	2,271,343	1,510,667	760,676	33.5	704,750	55,926	6,010	403,323	30,053
1973	2,271,343	1,510,344	760,999	33.5	704,751	56,248	6,198	403,409	30,987
1974	2,271,343	1,510,811	760,532	33.5	703,813	56,719	6,464	401,335	32,759
1975	2,271,343	1,510,929	760,414	33.5	702,866	57,548	6,872	398,737	34,345
1976	2,271,343	1,509,151	762,192	33.5	702,793	59,399	7,428	405,043	37,350
1977, total [4]	**2,271,343**	**1,529,834**	**741,509**	**32.6**	**683,286**	**58,223**	**7,860**	**403,105**	**39,951**
Ala	32,678	31,549	1,129	3.5	30	1,099	92	7,336	670
Alaska	365,482	34,635	330,847	90.5	330,829	18	15	7,708	1,262
Ariz	72,688	40,570	32,118	44.2	31,795	323	59	12,008	742
Ark	33,599	30,275	3,324	9.9	1,073	2,251	256	4,539	262
Calif	100,207	53,979	46,228	46.1	43,762	2,466	709	58,007	4,678
Colo	66,486	42,837	23,649	35.6	22,555	1,094	149	6,981	1,055
Conn	3,135	3,126	9	.3	–	9	43	2,101	225
Del	1,266	1,225	41	3.2	–	41	10	1,146	135
D.C	39	27	12	32.0	–	12	161	1,902	1,238
Fla	34,721	31,109	3,612	10.4	370	3,242	232	14,772	1,657
Ga	37,295	35,064	2,231	5.9	–	2,231	158	13,152	1,048
Hawaii	4,106	3,698	408	9.9	37	371	52	14,512	772
Idaho	52,933	19,211	33,722	63.7	32,912	810	52	4,217	298
Ill	35,795	35,230	565	1.6	–	565	133	6,998	1,309
Ind	23,158	22,664	494	2.1	24	470	139	5,392	412
Iowa	35,861	35,636	225	.6	–	225	57	1,603	205
Kans	52,511	51,783	728	1.4	26	702	276	7,042	534
Ky	25,512	24,124	1,388	5.4	–	1,388	342	6,706	656
La	28,868	27,793	1,075	3.7	25	1,050	92	4,542	636
Maine	19,848	19,714	134	.7	–	134	11	3,189	284
Md	6,319	6,114	205	3.2	–	205	103	11,962	1,765
Mass	5,035	4,952	83	1.7	–	83	108	5,774	756
Mich	36,492	33,056	3,436	9.4	297	3,139	86	6,409	521
Minn	51,206	47,803	3,403	6.6	1,166	2,237	67	2,369	254
Miss	30,223	28,542	1,681	5.6	3	1,678	114	5,537	431
Mo	44,248	42,066	2,182	4.9	3	2,179	353	6,112	817
Mont	93,271	65,643	27,628	29.6	25,226	2,402	89	6,110	250
Nebr	49,032	48,332	700	1.4	249	451	90	2,485	224
Nev	70,264	8,704	61,560	87.6	61,357	203	26	4,930	279
N.H	5,769	5,058	711	12.3	–	711	26	808	103
N.J	4,813	4,683	130	2.7	–	130	103	7,498	854
N. Mex	77,766	51,728	26,038	33.5	24,187	1,851	35	11,710	863
N.Y	30,681	30,434	247	.8	–	247	172	9,494	1,659
N.C	31,403	29,369	2,034	6.5	–	2,034	130	15,142	830
N. Dak	44,453	42,079	2,374	5.3	209	2,165	148	4,637	470
Ohio	26,222	25,881	341	1.3	–	341	233	5,329	1,360
Okla	44,088	42,518	1,570	3.6	150	1,420	466	7,182	540
Oreg	61,599	29,283	32,316	52.5	30,943	1,373	373	4,444	173
Pa	28,804	28,127	677	2.4	–	677	323	6,282	992
R.I	677	669	8	1.2	–	8	9	2,711	239
S.C	19,374	18,242	1,132	5.8	–	1,132	85	8,244	819
S. Dak	48,882	45,517	3,365	6.9	1,601	1,764	157	2,993	219
Tenn	26,728	24,924	1,804	6.7	–	1,804	371	5,858	1,155
Tex	168,218	164,925	3,293	2.0	–	3,293	373	26,455	2,398
Utah	52,697	18,381	34,316	65.1	33,762	554	24	4,863	375
Vt	5,936	5,648	288	4.8	–	288	18	324	40
Va	25,496	23,139	2,357	9.2	–	2,357	174	18,141	1,960
Wash	42,694	30,273	12,421	29.1	11,033	1,388	274	16,728	1,024
W. Va	15,411	14,327	1,084	7.0	–	1,084	197	1,208	153
Wis	35,011	33,152	1,859	5.3	10	1,849	42	4,342	253
Wyo	62,343	32,016	30,327	48.6	29,652	675	53	3,171	97

– Represents zero. [1] Excludes trust properties. [2] Excludes value of public-domain lands for which there are no costs. [3] Excludes Alaska and Hawaii. [4] As of Sept. 30.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

No. 383. Federally Owned Land, by Predominant Usage: 1960 to 1977

[As of **June 30** except, beginning **1977**, as of **Sept. 30**. Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost to date and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase]

TYPE OF LAND	LAND (mil. acres)					COST OF LAND (mil. dol.)				
	1960	1965	1970	1975	1977	1960	1965	1970	1975	1977
Total	**771.5**	**765.8**	**761.3**	**760.4**	**741.5**	**2,956**	**4,128**	**5,475**	**6,872**	**7,860**
Forest and wildlife	513.5	508.4	503.2	502.3	482.2	130	237	350	589	693
Grazing	166.7	165.2	163.5	164.0	164.8	22	18	26	26	26
Military (except airfields)	18.3	15.7	17.7	18.1	18.7	348	298	331	334	377
Parks and historic sites	22.4	22.8	24.6	25.3	26.5	142	180	373	618	932
Reclamation and irrigation	8.0	7.8	7.5	7.0	6.1	170	224	312	313	335
Flood control and navigation	5.5	6.7	7.4	8.0	8.1	1,063	1,915	2,591	3,381	3,735
Power development and distribution	1.9	1.9	2.1	1.5	1.5	219	204	251	273	269
Airfields	2.0	2.0	1.5	2.3	1.5	195	203	162	199	135
Other	33.2	35.3	33.8	32.0	32.1	667	849	1,079	1,139	1,358

No. 384. Federally Owned Land, by Agency and Predominant Usage: 1977

[**In thousands of acres, except as indicated.** As of **Sept. 30**. Covers land in United States only]

AGENCY	Forest and wildlife	Grazing	Military exc. airfields	Parks and historic sites	Reclamation, irrigation	Flood control, navigation	Power development [1]	Airfields	Other
Total cost of land ... mil. dol.	693	26	377	932	335	3,735	269	135	1,358
Total acreage	**482,230**	**164,759**	**18,740**	**26,495**	**6,101**	**8,115**	**1,513**	**1,497**	**32,059**
Agriculture	167,486	19,677	–	(Z)	–	–	–	–	759
Energy Research and Development Administration	–	–	–	–	–	–	–	–	2,107
Defense	100	–	18,738	(Z)	18	7,162	703	1,481	2,597
Army	–	–	9,851	–	–	–	–	61	1,114
Air Force	–	–	6,852	–	–	–	–	1,420	14
Navy	–	–	2,035	–	–	–	–	–	1,440
Corps of Engineers [2]	100	–	–	(Z)	18	7,162	703	–	29
Interior	314,643	145,082	–	26,332	6,083	29	768	3	26,193
Tennessee Valley Authority	1	–	–	155	–	716	42	–	30
Other	–	–	2	8	–	208	–	13	373

– Represents zero. Z Less than 500 acres. [1] Includes distribution. [2] Civil functions only.

Source of tables 383 and 384: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

No. 385. Public Lands—Disposal Transactions and Cash Receipts: 1951 to 1977

[For years ending **June 30**. For explanation of terms, see text, p. 233. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970*, series J 10–15 and J 26–32]

ITEM	1951–1960	1961–1965	1966–1970	1971–1975	1973	1974	1975	1976	1977
Original entries and selections [1] 1,000 acres	3,176	13,643	3,875	13,078	132	1,092	11,762	102,810	10,518
Final entries [1] 1,000 acres	2,382	2,054	2,123	4,704	430	3,287	728	8,206	1,161
Patents and certifications [1] 1,000 acres	5,628	4,186	7,338	5,584	566	3,584	807	8,302	1,163
Homestead entries: [2]									
Original entries: Number	6,158	2,145	238	211	32	92	13	6	13
Acres 1,000	790	259	33	24	3	10	2	(Z)	2
Final entries [3] 1,000 acres	442	118	54	42	6	5	4	4	5
Cash receipts [4] mil. dol.	1,399	1,297	3,473	16,141	4,230	7,178	2,920	3,192	3,008
Mineral leases [5] mil. dol.	1,050	967	3,045	15,415	4,088	7,001	2,731	2,983	2,688
Sales of timber mil. dol.	209	193	286	496	105	128	108	131	235

Z Less than 500 acres. [1] Includes homesteads. [2] Excludes ceded Indian lands. [3] Excludes commuted homesteads. [4] Comprises Bureau of Land Management receipts from such sources as: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. [5] Act of Feb. 25, 1920. For 1977, includes oil and gas receipts of $296 million.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 386. Public Domain Lands—Homestead Entries, 1951 to 1977, and Vacant Lands, 1950 to 1977, by States

[**In thousands of acres.** Homestead entries for years ending **June 30** through **1976, Sept. 30** thereafter; vacant lands as of **June 30** through **1976, Sept. 30** thereafter. Excludes States with less than 500 acres in years specified. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data cover vacant public lands other than Alaska, withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See text, p. 233. See *Historical Statistics, Colonial Times to 1970*, series J 8 for vacant lands excluding Alaska and J 14 for homestead entries]

STATE	HOMESTEAD ENTRIES [1]					VACANT LANDS [2]					
	1951–1960, total	1961–1970, total	1971–1975, total	1976	1977	1950	1960	1970	1975	1976	1977
Total	[3] 790.0	291.9	23.9	.5	1.8	440,408	437,879	[4] 159,139	[4] 158,778	[4] 158,337	159,204
Ala	–	–	–	–	–	27	3	1	3	3	3
Alaska	572.0	279.9	21.8	–	–	270,000	270,200	[5] 257,133	[5] 257,065	[5] 250,974	[5] 246,197
Ariz	9.4	1.3	–	–	–	12,545	12,442	11,597	11,592	11,589	11,575
Calif	3.9	–	.1	–	–	16,306	15,673	14,587	14,570	14,576	14,538
Colo	14.5	.2	–	–	–	8,070	8,090	6,485	6,440	6,418	6,107
Idaho	96.0	3.0	–	–	–	10,858	11,652	11,597	11,520	11,497	11,498
Minn	–	–	–	–	–	93	58	23	26	26	26
Mont	1.6	–	1.1	.5	1.8	6,773	6,385	6,143	6,140	6,139	6,141
Nebr	–	–	–	–	–	25	6	8	4	4	9
Nev	25.8	5.2	.2	–	–	47,158	46,027	47,310	47,367	46,801	48,450
N. Mex	3.9	1.5	.1	–	–	14,503	13,129	12,576	12,400	12,398	12,266
N. Dak	–	–	.2	–	–	96	79	69	68	68	68
Oreg	1.3	–	–	–	–	13,298	13,153	13,342	13,136	13,032	13,034
S. Dak	–	–	.5	–	–	290	272	276	276	276	276
Utah	53.6	.3	–	–	–	23,033	24,097	20,877	20,798	21,066	20,754
Wash	.8	.3	–	–	–	487	365	292	304	304	306
Wyo	2.5	.1	–	–	–	16,615	16,198	13,944	14,118	14,122	14,133
Other States	.5	.1	–	–	–	231	50	11	16	18	19

– Represents zero.
[1] Original homestead entries. [2] Includes acreage of public lands within grazing districts, as follows (in thousands): 1950, 134,875; 1960, 141,645; 1970, 132,669; 1975, 132,265; 1976, 132,517 and 1977, 133,555.
[3] Includes 4,200 acres for Bureau of Land Management. [4] Excludes Alaska; see footnote 5.
[5] Effective Jan. 17, 1969, all unreserved lands in Alaska were withdrawn from all forms of appropriations or disposition under the Public Land Laws; land and resources were reserved until Dec. 31, 1970, for determination and protection of rights of native Aleuts, Eskimos, and Indians of Alaska. The Alaskan Native Claims Act of Dec. 18, 1971, and Public Land Order No. 5418 dated Mar. 25, 1974, withdraws all unreserved lands in Alaska.

No. 387. Public Domain Land—Entries Under All Acts, by States: 1951 to 1977

[**In thousands of acres.** For years ending **June 30** except, beginning **1977, Sept. 30.** Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections, and other disposal transactions. See text, p. 233. See also *Historical Statistics, Colonial Times to 1970*, series J 10–12]

STATE	ORIGINAL ENTRIES						FINAL ENTRIES			PATENTS AND CERTIFICATIONS		
	1951–1960, total	1961–1970, total	1971–1975, total	1975	1976	1977	1961–1970, total	1971–1975, total	1977	1961–1970, total	1971–1975, total	1977
Total	3,176	17,518	13,078	11,762	[1] 102,810	10,518	4,178	4,704	1,161	[2] 10,855	5,584	1,163
Alaska	1,535	15,019	12,898	11,752	[1] 102,800	10,469	2,537	4,270	1,145	6,050	4,470	990
Ariz	240	1,286	32	(Z)	6	3	65	86	1	603	227	2
Calif	152	32	50	3	(Z)	38	139	50	(Z)	312	101	51
Idaho	402	258	57	4	3	4	276	98	6	312	129	13
Nev	462	425	12	2	(Z)	(Z)	339	74	1	823	110	1
Wyo	51	58	7	–	(Z)	(Z)	149	66	(Z)	189	68	4
Other	334	440	23	1	1	4	673	60	8	2,566	479	101

– Represents zero. Z Less than 500 acres. [1] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. [2] Excludes acreage for patents reissued.

Source of tables 386 and 387: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 388. Lands Under Jurisdiction of Bureau of Indian Affairs—Acreage, by States: 1920 to 1977

[In thousands of acres. Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. See also *Historical Statistics, Colonial Times to 1970*, series J 16–19]

STATE	1920	1940	1960	1970	1975	1976	1977			
							Total	Indian		Government owned
								Trust allotted	Tribal [1]	
Total	[2] 71,399	55,406	[3] 58,076	55,408	[1] 52,316	[1] 52,390	52,670	9,954	42,222	494
Ala	(NA)	(NA)	4,168	4,170	117	116	118	31	87	–
Ariz	18,653	19,225	21,515	19,714	20,034	20,035	20,037	253	19,694	90
Calif	517	667	558	536	546	547	547	74	473	(Z)
Colo	469	667	752	755	782	782	782	4	778	(Z)
Fla	24	61	79	79	79	79	79	–	79	(Z)
Idaho	683	818	835	828	827	829	828	336	459	33
Iowa	3	3	4	4	4	4	4	–	4	(Z)
Kans	273	36	29	27	26	26	27	23	4	(Z)
Mich	153	27	22	21	21	21	21	9	12	–
Minn	1,509	653	756	763	764	764	764	51	713	(Z)
Miss	(X)	9	16	18	17	18	18	(Z)	18	(Z)
Mont	6,054	6,455	5,457	5,274	5,282	5,285	5,280	3,104	2,173	3
Nebr	360	76	68	62	61	65	65	43	22	(Z)
Nev	741	1,127	1,152	1,148	1,153	1,153	1,153	79	1,066	8
N. Mex	4,697	7,153	6,542	7,209	7,537	7,611	7,843	680	6,855	308
N.C	63	57	56	57	56	56	56	–	56	(Z)
N. Dak	2,105	1,036	879	850	850	851	851	656	194	1
Okla	19,552	2,844	1,855	1,424	1,306	1,282	1,269	1,175	85	9
Oreg	1,718	1,737	1,238	687	761	761	761	143	618	(Z)
S. Dak	6,686	5,865	5,064	4,975	5,020	5,030	5,085	2,562	2,485	38
Utah	1,641	1,693	2,125	2,271	2,276	2,276	2,277	36	2,241	(Z)
Wash	2,719	2,740	2,591	2,460	2,504	2,504	2,508	518	1,987	3
Wis	590	445	422	188	407	408	409	81	328	(Z)
Wyo	2,102	2,013	1,890	1,887	1,886	1,887	1,888	96	1,791	1

– Represents zero. NA Not available. X Not applicable. Z Fewer than 500 acres.
[1] Includes tribal fee lands. [2] Includes 88,000 acres in New York; partial jurisdiction over Indian lands resides with New York State and acreage not shown for later years.
[3] Includes 3,000 acres in South Carolina, not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

No. 389. Public Lands—Leases, Permits, and Licenses, by Class: 1960 to 1977

[As of June 30, through 1976; thereafter, as of Sept. 30 except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970*, series J 41–42, for oil and gas leases]

YEAR	MINERAL CLASS							OTHER CLASSES		
	Total	Leases				Permits	Licenses	Leases		Permits [3]
		Total	Oil and gas [1]	Coal	Other			Total	Grazing [2]	
Number:										
1960	142,114	140,057	139,534	294	229	2,035	22	19,010	9,911	(NA)
1965	101,863	101,086	100,339	379	368	763	14	10,246	8,912	(NA)
1970	100,598	100,010	99,038	525	447	583	5	10,103	8,559	1,111
1973	95,639	95,315	94,362	526	427	322	2	9,658	8,134	1,260
1974	99,042	98,732	97,795	526	411	307	3	9,368	7,953	1,418
1975	104,075	103,762	102,815	529	418	309	4	9,253	7,785	1,354
1976	103,800	103,487	101,796	529	1,162	309	4	9,110	7,721	1,267
1977	104,377	104,079	102,130	523	1,426	294	4	9,349	7,981	1,286
Acreage (1,000):										
1960	118,157	114,136	113,667	199	270	4,020	1	18,615	18,532	914
1965	66,267	64,955	64,148	374	433	1,311	1	18,221	18,057	870
1970	65,374	64,323	63,030	764	529	1,051	(Z)	18,461	18,262	1,378
1973	69,682	68,928	67,664	778	486	754	(Z)	17,601	17,477	6,439
1974	74,520	73,800	72,537	781	483	720	(Z)	17,199	17,073	2,391
1975	82,618	81,885	80,621	780	485	733	(Z)	17,315	17,144	1,838
1976	83,543	82,791	80,226	795	1,770	752	(Z)	17,189	17,014	1,468
1977	86,902	86,274	83,319	791	2,164	626	2	17,242	17,122	1,453

NA Not available. Z Less than 500 acres. [1] Includes naval petroleum reserve: 17 leases, 9,227 acres.
[2] As of Dec. 31. [3] Excludes grazing licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 390. Federal Acquisitions and Fund Grants for Outdoor Recreation: 1967 to 1977

[For years ending **June 30** except, beginning **1976**, ending **Sept. 30**. Covers obligations only for projects financed by Land and Water Conservation Fund. Other Federal agencies also provide financial support. Federal acquisitions cost data and figures for Federal matching grants to States frequently include adjustments in prior years, e.g., refunds or deficiency judgments for condemnations, cost overruns, etc.]

ITEM	1967	1969	1970	1971	1972	1973	1974	1975	1976	1977
Federal real property acquisitions: [1]										
Acres purchased, total ... 1,000	130.7	255.3	215.0	105.8	150.5	175.1	123.3	95.4	212.8	314.3
National Park Service ... 1,000	52.6	124.5	60.4	52.1	57.5	37.6	63.2	62.4	149.2	218.3
Forest Service ... 1,000	78.1	129.9	139.6	49.0	81.0	133.4	55.8	29.4	37.3	67.3
Other [2] ... 1,000	(Z)	.9	15.0	4.7	12.0	4.1	4.3	3.6	26.3	28.7
Cost, total ... mil. dol.	47.2	142.3	80.3	88.2	91.7	85.8	105.7	105.2	170.2	264.1
National Park Service ... mil. dol.	29.9	44.9	57.4	68.3	55.0	53.2	76.8	74.0	115.0	197.6
Forest Service ... mil. dol.	17.4	16.0	18.1	14.6	30.3	27.6	26.7	27.8	38.7	46.8
Other [2] ... mil. dol.	(Z)	81.4	4.8	5.3	6.4	5.0	2.2	3.4	16.5	19.7
Federal matching grants to States [3] ... **mil. dol.**	**111.7**	**69.2**	**46.8**	**111.2**	**192.9**	**202.7**	**174.1**	**159.0**	**186.0**	**152.2**
State recreation resources ... mil. dol.	79.1	34.4	26.0	50.1	85.1	68.8	84.8	55.9	60.7	40.7
County recreation resources ... mil. dol.	6.2	11.9	6.0	17.5	27.0	29.5	13.9	23.5	24.5	25.5
Local recreation resources ... mil. dol.	26.4	22.9	14.8	43.6	80.3	104.4	75.4	79.6	100.8	86.0
For acquisition ... mil. dol.	45.7	29.2	17.3	42.5	71.5	73.9	73.4	65.0	69.9	58.0
For develop. and/or planning ... mil. dol.	66.0	40.0	29.5	68.7	121.4	128.8	100.7	94.0	116.1	94.2
Total acres acquired by grants ... 1,000	227.3	173.1	53.0	109.7	187.5	143.1	149.6	101.4	139.1	266.2

Z Less than 50 acres or $50,000. [1] Covers land, waters, and improvements. [2] Fish and Wildlife Service and Bureau of Land Management. Cost figures also include administrative and acquisition expenses for Redwoods acquisition. [3] Includes grants to D.C., P.R., Guam, V.I., and American Samoa.

No. 391. Outdoor Recreation Acreage, by Area and Jurisdiction: 1972

[**In thousands of acres.** "Other" jurisdictions include park and recreation districts and regional councils]

AREA	Total	Federal	State	County	City	Township	Other
Total	**319,243**	**266,720**	**41,795**	**8,132**	**1,629**	**631**	**336**
Regional, community, and neighborhood parks and recreation	25,756	19,107	4,412	1,299	697	74	167
Forest	184,160	160,165	19,058	4,048	383	496	10
Fish and game	50,261	32,790	15,771	1,407	210	38	45
Historic and cultural	1,382	1,311	49	11	8	1	2
Wilderness, primitive, and natural	31,213	28,095	1,432	1,338	232	22	94
Other	26,471	25,253	1,071	29	99	1	18

No. 392. Participation in Selected Outdoor Recreation Activities: 1977

[Persons 12 years old and over. Participation from **June 1976** to **June 1977**. Based on a home telephone survey of 4,029 persons drawn from noninstitutional population of conterminous U.S.]

ACTIVITY	PARTICIPANTS		PARTICIPATION		ACTIVITY	PARTICIPANTS		PARTICIPATION	
	Number (mil.)	Percent of population	5 or more times (mil.)	For the first time (mil.)		Number (mil.)	Percent of population	5 or more times (mil.)	For the first time (mil.)
Camping:					Golf	27.1	15	18.9	2.4
Developed areas	51.8	30	21.0	1.9	Tennis, outdoors	55.7	32	40.9	7.0
Undev. areas	36.0	21	15.0	.7	Other games or sports	94.8	55	73.1	2.6
Hunting	32.6	19	24.5	.3	Going to outdoor sports events	104.3	61	75.5	.9
Fishing	91.0	53	61.9	1.9	Visiting zoos, parks, fairs	123.6	72	66.1	.9
Riding off-road veh	43.6	25	33.8	2.0	Sightseeing [2]	106.5	62	61.7	1.2
Hiking, backpack	48.1	28	28.1	1.9	Picnicking	123.8	72	84.0	.3
Other walking, jogging	116.1	68	96.7	4.1	Pleasure driving	118.3	69	97.9	.7
Bicycling	79.4	46	66.1	1.5	Skiing, downhill	11.9	7	7.3	2.0
Horseback riding	25.2	14	13.5	1.0	Ice skating, outdoor	27.8	16	15.7	.9
Water skiing	26.8	15	13.1	2.7	Sledding	35.5	20	20.8	.5
Sailing	19.1	11	7.8	2.0	Snowmobiling	13.8	8	7.8	1.5
Canoeing, kayaking, etc	26.9	15	9.0	2.6	Parachute jumping	.2	(Z)	.2	.2
Other boating	57.3	33	34.3	1.5	Rock climbing	.2	(Z)	–	–
Swimming: [1] Pool	107.4	63	83.5	.9	Gardening	3.4	2	2.7	.2
Other	77.9	45	59.5	.3	Exercising	.2	(Z)	–	.2
Scuba diving	.2	(Z)	.2	–	Skate boarding	.2	(Z)	.2	.3

– Represents zero. Z Less than one percent. [1] Includes sunbathing. [2] Historic or national sites.

Source of tables 390–392: U.S. Heritage Conservation and Recreation Service, unpublished data.

No. 393. National Park System—Summary: 1950 to 1977

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**, except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977
Finances (mil. dol.):										
Expenditures reported [1]	24.1	74.2	131.6	138.8	186.7	208.9	250.5	341.8	394.2	427.0
Salaries and wages	11.8	29.9	48.6	82.5	98.4	120.2	128.8	152.1	175.2	211.9
Improvements, maintenance	2.9	4.7	8.3	15.5	18.7	24.4	26.0	40.4	44.0	48.7
Construction	7.3	33.2	55.3	23.9	39.0	28.0	36.6	85.5	105.9	82.4
Other	2.0	6.5	19.5	17.0	30.5	36.3	59.1	63.8	69.0	84.0
Funds available	37.4	115.7	183.1	174.6	297.2	348.1	437.5	428.0	459.6	599.6
Appropriations	30.1	79.6	128.4	129.4	241.7	236.1	295.8	345.6	364.5	492.8
Other	7.3	36.2	54.7	45.2	55.5	112.1	141.7	82.4	95.1	106.8
Revenue from operations [2]	3.5	5.7	7.4	8.8	15.1	16.2	13.9	17.2	19.6	21.3
Visits (millions): [3]										
All areas	[4] 33.3	79.2	121.3	172.0	211.6	215.6	217.4	238.8	267.7	262.6
National parks [5]	13.9	26.6	36.6	45.9	54.4	54.7	53.1	58.8	60.6	62.0
National monuments	5.3	10.7	12.3	17.3	16.3	16.3	15.2	17.3	19.3	18.5
National historical, archeological, and military areas	9.5	21.8	40.7	47.0	72.6	71.6	72.9	75.7	82.8	85.5
National parkways	2.0	9.0	13.0	27.8	30.9	33.4	34.5	36.0	38.3	36.8
National recreation areas [5]	2.6	3.7	6.2	11.5	12.2	13.0	18.1	23.9	30.9	36.2
National seashores	(X)	.5	3.4	9.1	11.1	12.2	11.5	13.3	15.2	16.5
National Capital Parks	(NA)	6.9	9.2	10.3	9.7	10.9	8.7	11.2	12.0	2.9
Miscellaneous other areas	(X)	(X)	(X)	3	5	3	3	2.6	8.5	4.2
Overnight stays reported	[6] 4.5	9.4	13.0	16.2	14.6	15.3	15.4	16.7	17.4	17.5
Camper days	[4] 2.2	4.8	8.1	9.0	8.4	8.7	8.4	8.8	9.3	9.3
In commercial lodgings	2.3	2.8	3.3	4.9	3.4	3.5	3.7	4.0	3.1	4.0
Other	(NA)	1.8	1.6	2.2	2.8	3.2	3.3	3.9	5.0	4.2
Land (1,000 acres):										
Total [7]	23,836	25,704	26,549	28,543	28,878	29,117	29,031	29,091	29,389	29,571
Parks	12,222	13,208	13,619	14,307	14,730	14,740	14,777	15,344	15,365	15,374
Recreation areas	2,010	3,214	3,497	3,628	3,639	3,648	4,242	3,052	3,276	3,266
Other	9,605	9,283	9,432	10,608	10,509	10,729	10,012	9,795	10,748	10,931
Acquisition, gross	860	21	319	83	490	476	75	110	163	224
By purchase	2	6	42	74	420	456	59	70	107	218
By gift	785	10	13	1	47	13	10	(Z)	49	5
By transfer or exchange	73	5	264	10	23	6	6	40	7	(Z)
Exclusion	(Z)	(Z)	[8] (Z)	2	1	1	(Z)	(Z)	7	(Z)
Acquisition, net	860	21	318	82	490	476	75	110	156	224

NA Not available. X Not applicable. Z Less than 500 acres. [1] Excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). [2] Receipts deposited in Treasury; beginning 1974, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. They totaled $11.1 million in 1974 and in 1975, $15.2 million in 1976, and $21.3 million in 1977. [3] For calendar year; 1950 data not adjusted for comparability with counting system as modified in 1960. Prior to 1965, excludes visits to White House. [4] Excludes National Capital Parks. [5] Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. [6] Excludes "other" overnight stays. [7] Federal land only, as of Dec. 31. [8] Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, *Campground Use in the National Park Service; Camper Days in Areas Administered by the National Park Service; Public Use of the National Parks*, monthly, and *Public Use of the National Park System*, semiannual; *Areas Administered by the National Park Service*, semiannual; and unpublished data.

No. 394. National Park System—Types of Areas: 1977

[As of **December 31**. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	**294**	**29,571,379**	National seashores	10	450,616
			Parkways	4	154,896
National parks	37	15,374,137	National lakeshores	4	113,906
National historical parks	18	64,075	National wild and scenic rivers	6	162,196
National monuments	82	9,618,013	National Capital Parks	1	6,471
National military parks	11	33,247	White House	1	18
National Memorial Park	1	69,676			
			Parks, other	10	30,521
National battlefields	8	5,798	National recreation areas	16	3,265,952
National battlefield parks	3	6,655	National Scenic Trail	1	15,100
National battlefield sites	2	1,311	National preserves	2	179,123
National historic sites	53	13,618	National Visitor Center	1	-
National memorials	22	5,903	National Mall	1	146

- Represents zero.

Source: U.S. National Park Service, *Areas Administered by the National Park Service*, semiannual.

No. 395. Overnight Stays in Selected National Park Service Areas: 1976

[In thousands. An overnight stay is the passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. Area selection based on minimum of 250,000 overnight stays during the year]

Area	Total overnight stays	Concessioners: Lodging [1]	Concessioners: Camping [2]	Camp grounds operated by NPS	Back-country camping	Miscellaneous [3]
Total, all areas [4]	**17,545**	**3,157**	**883**	**9,306**	**2,570**	**1,629**
Blue Ridge Parkway, Ga., N.C., Va.	292	54	-	226	4	8
Cape Hatteras National Seashore, N.C.	335	-	-	307	-	28
Death Valley National Monument, Calif.	301	-	-	294	1	7
Glacier National Park, Mont.	461	152	-	279	30	-
Glen Canyon Nat'l Recreation Area, Ariz., Utah	1,239	117	71	396	644	12
Grand Canyon National Park, Ariz.	1,028	477	46	361	126	19
Grand Teton National Park, Wyo.	606	179	57	312	26	33
Great Smokey Mountains Nat'l Park, N.C., Tenn.	577	7	-	446	102	21
Kings Canyon National Park, Calif.	241	15	-	165	61	-
Lake Mead National Recreation Area, Ariz., Nev.	1,503	69	397	490	475	73
Olympic National Park, Wash.	536	73	18	304	140	2
Rocky Mountain National Park, Colo.	333	-	-	258	63	13
Sequoia National Park, Calif.	358	87	-	176	94	-
Shenandoah National Park, Va.	591	127	-	355	91	18
Yellowstone National Park, Idaho, Mont., Wyo.	1,473	518	114	776	54	11
Yosemite National Park, Calif.	1,770	800	-	691	194	85

- Represents zero.
[1] Includes rooms and cabins.
[2] Includes campgrounds and trailer villages.
[3] Includes organized groups' camping, nights spent aboard boats, nonrecreational overnights, and stays not elsewhere classified.
[4] Includes 100 areas not shown separately.

Source: U.S. National Park Service, *Overnight Stays, 1977*.

No. 396. National Forest Recreation Use—Summary: 1977

[Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

Place where use occurred	Visitor-days (1,000)	Percent	Activity	Visitor-days (1,000)	Percent
Sites and areas	**204,797**	**100.0**	**Total**	**204,797**	**100.0**
Developed sites	**73,776**	**36.0**	Camping	52,672	25.7
Observation sites	1,142	.6	Picnicking	8,317	4.1
Boating sites	1,948	1.0	Recreation travel (mechanized)	49,325	24.1
Swimming sites, playgrounds	2,162	1.1	Boating	5,940	2.9
Campgrounds	37,554	18.3	Swimming and scuba diving	4,422	2.2
Picnic grounds	5,748	2.8	Winter sports	8,116	4.0
Hotels, lodges, resorts	4,185	2.0	Fishing	16,029	7.8
Organization sites	5,153	2.5	Hunting	14,517	7.1
Recreation residence sites	6,858	3.3	Hiking and mountain climbing	10,258	5.0
Winter sports sites	6,970	3.4	Horseback riding	2,884	1.4
Visitor centers and concessions	2,056	1.0	Resort use	4,187	2.0
Dispersed areas	**131,021**	**64.0**	Organization camp use	3,855	1.9
Roads (recreation)	49,606	24.2	Recreation residence use	6,826	3.3
Trails (recreation)	10,576	5.2	Gathering forest products	2,813	1.4
Waters	24,367	11.9	Nature study and other	3,071	1.5
General undeveloped country	46,472	22.7	Viewing scenery, sports	7,974	3.9
			Visitor information (exhibits, etc.)	3,591	1.7

Source: U.S. Forest Service, unpublished data.

No. 397. State Park Systems—Summary: 1960 to 1975

[For years ending June 30, in most cases. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State park and State historical agencies. See also *Historical Statistics, Colonial Times to 1970*, series H 836–848]

ITEM	1960	1967	1970	1975
Areas [1] ..... number	2,664	3,202	3,425	3,804
Acreage [1] 1,000	5,602	7,852	8,555	9,838
Expenditures ..... mil. dol.	87	[2] 280	[2] 387	[2] 649
Salaries and wages ..... mil. dol.	37	77	122	218
Supplies and equip. ..... mil. dol.	19	37	65	99
Lands ..... mil. dol.	12	57	72	150
Improvements ..... mil. dol.	19	108	126	167
Funds available for expenditures ..... mil. dol.	131	472	619	1,467
Appropriations ..... mil. dol.	69	174	260	483
Other ..... mil. dol.	62	298	359	984
Revenue from operations ..... mil. dol.	23	50	71	115
Attendance ..... mil.	259	391	483	[2] 566
Day visits ..... mil.	238	355	432	465
Overnight visits ..... mil.	[2] 21	36	51	[2] 51
Cabins and hotels ..... mil.	2	2	3	3
Organized camps ..... mil.	2	2	2	6
Tent and trailer camps ..... mil.	16	32	46	40
Personnel 1,000	17.5	29.3	34.3	44.9
Professional 1,000	.7	(NA)	3.4	6.2
Year-round 1,000	7.4	11.5	13.3	18.1
Seasonal 1,000	10.1	17.8	21.0	26.8

NA Not available.
[1] Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.
[2] Includes data for which the detailed breakdown is not available. 1975 attendance data exclude Texas.

Source: 1960, U.S. Heritage Conservation and Recreation Service (formerly U.S. Bureau of Outdoor Recreation), *State Outdoor Recreation Statistics—1962*. Later data, National Recreation and Park Association, Arlington, Va., *State Park Statistics, 1970* and *1975* (copyright).

No. 398. State Park and Recreation Areas—States: 1975

STATE	AREAS [1] Number	AREAS [1] Acres (1,000)	Expenditures (mil. dol.)	STATE	AREAS [1] Number	AREAS [1] Acres (1,000)	Expenditures (mil. dol.)	STATE	AREAS [1] Number	AREAS [1] Acres (1,000)	Expenditures (mil. dol.)
U.S.	3,804	9,838	649	Iowa	82	47	6	N.C.	34	69	9
				Kans.	35	24	3	N. Dak.	18	14	(Z)
Ala.	21	45	18	Ky.	45	41	31	Ohio	[3] 124	[3] 204	21
Alaska	65	1,394	2	La.	37	24	3	Okla.	74	90	7
Ariz.	15	25	2	Maine	(NA)	(NA)	3	Oreg.	242	90	13
Ark.	42	28	13	Md.	45	62	25	Pa.	119	296	30
Calif.	230	843	91	Mass.	126	235	15	R.I.	85	12	4
Colo.	44	159	4	Mich.	93	224	11	S.C.	48	63	8
Conn.	234	191	4	Minn.	92	175	7	S. Dak.	45	90	3
Del.	9	7	2	Miss.	24	17	4	Tenn.	83	116	21
Fla.	115	283	43	Mo.	58	79	8	Tex.	87	102	31
Ga.	55	47	10	Mont.	130	35	2	Utah	43	56	6
Hawaii	53	18	15	Nebr.	92	113	3	Vt.	41	35	3
Idaho	22	29	9	Nev.	16	144	2	Va.	37	48	7
Ill.	186	287	13	N.H.	65	105	3	Wash.	171	79	17
Ind.	20	[2] 66	11	N.J.	106	253	20	W. Va.	33	66	10
				N. Mex.	33	164	4	Wis.	73	108	7
				N.Y.	209	2,978	68	Wyo.	48	157	1

NA Not available. Z Less than $500,000.
[1] Covers 58 agencies in the 50 States, including all major ones that administer parks, recreation areas, historic sites, parkways, and related types of areas.
[2] Includes 11,000 acres leased from U.S. Army Corps of Engineers. [3] Partially 1967 data.

Source: National Recreation and Park Association, Arlington, Va., *State Park Statistics, 1975*. (Copyright.)

No. 399. Municipal and County Park and Recreation Areas—Number, Acreage, Professional Personnel, and Selected Facilities: 1950 to 1970

[Represents only park and recreation systems which returned questionnaires (in 1965, 2,784 municipal and 358 county agencies and, in 1970, 1,119 local agencies). See also *Historical Statistics, Colonial Times to 1970*, series H 849–861]

ITEM	1950	1960	1965	1970
Park and other recreation areas:				
Number	17,142	24,710	30,509	31,235
Acreage 1,000	644	1,015	1,496	966
Professional personnel	58,029	99,696	119,515	87,717
Full time, year-round	6,784	9,216	19,208	17,287
Playground under leadership	14,747	20,107	24,298	11,691
Selected facilities:				
Ball diamonds, 90 ft.	5,502	7,044	9,335	4,486
Bathing beaches	780	951	1,261	760
Selected facilities—Con:				
Golf courses, 9 and 18 hole	454	585	1,005	518
Outdoor swimming pools	1,289	2,513	4,277	4,435
Tennis courts	13,085	15,676	19,926	12,343
Recreation bldgs.	2,987	3,828	6,486	9,212
Indoor recreation centers	6,630	13,142	16,041	14,237
Softball diamonds, 60 foot	12,266	14,832	17,467	14,808

Source: National Recreation and Park Association, Arlington, Va. For 1950–1965, *Recreation and Park Yearbook*; for 1970, *Parks & Recreation*, August 1971. (Copyright.)

No. 400. Personal Consumption Expenditures for Recreation: 1960 to 1976

[**In millions of dollars.** Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for single-year figures prior to minor revisions issued in 1976:

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1972	1973	1974	1975	1976
Total recreation expenditures	**17,855**	**25,907**	**40,999**	**49,100**	**55,199**	**60,892**	**66,171**	**72,587**
Books and maps	1,139	1,648	2,356	2,530	2,769	3,034	3,397	3,590
Magazines, newspapers, sheet music	2,164	2,662	3,900	4,685	5,845	7,045	7,502	8,092
Nondurable toys and sport supplies	2,477	3,585	5,477	6,542	7,302	8,005	8,624	9,437
Wheel goods, durable toys, sports equip., boats, pleasure aircraft	1,976	2,888	5,511	7,315	8,167	8,644	9,508	10,530
Radio and television receivers, records, musical instruments	3,003	5,041	8,885	10,964	12,288	13,266	14,576	16,065
Radio and television repair	774	933	1,079	1,222	1,334	1,240	1,415	1,474
Flowers, seed, and potted plants	703	1,272	2,134	2,655	2,871	3,250	3,401	3,860
Admissions to specified amusements	1,652	2,123	3,141	3,487	3,870	4,621	4,899	5,598
Motion picture theaters	956	1,067	1,521	1,644	1,965	2,495	2,538	2,987
Legitimate theaters and opera, and entertainments of nonprofit institutions [1]	342	388	556	632	670	733	789	907
Spectator sports	354	668	1,064	1,211	1,235	1,393	1,572	1,704
Clubs and fraternal organizations [2]	728	859	1,197	1,266	1,331	1,434	1,564	1,654
Comm'l participant amusements [3]	1,200	1,695	2,317	2,650	2,931	3,227	3,557	3,901
Parimutuel net receipts	539	814	1,144	1,359	1,502	1,614	1,740	1,876
Other [4]	1,500	2,387	3,858	4,425	4,989	5,512	5,988	6,510

[1] Except athletic. [2] Consists of dues and fees excluding insurance premiums.
[3] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; and private flying operations.
[4] Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1974*, and *Survey of Current Business, July 1977*.

No. 401. Selected Recreational Activities: 1960 to 1977

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

ACTIVITY	Unit	1960	1965	1970	1973	1974	1975	1976	1977
Softball, amateur: [1]									
Adult participants [2]	Mil.	(NA)	(NA)	16	21	24	26	28	28
Youth participants [2]	1,000	(NA)	(NA)	255	390	420	450	475	495
Adult teams [3]	1,000	(NA)	(NA)	36	56	64	66	72	80
Youth teams [3]	1,000	(NA)	(NA)	2	7	8	10	11	13
Golf: [4]									
Golfers (15 rounds or more)	1,000	4,400	7,750	9,700	11,000	11,660	12,036	12,328	12,451
Courses [5]	Number	6,385	8,323	10,188	11,956	12,299	12,306	12,305	12,511
9-hole	Number	3,660	4,554	5,343	6,051	6,080	6,024	5,938	5,960
18-hole and larger	Number	2,725	3,769	4,845	5,905	6,219	6,282	6,367	6,551
Classification:									
Private	Number	3,236	3,887	4,619	5,074	5,075	5,085	5,069	5,136
Daily fee	Number	2,254	3,368	4,248	5,212	5,477	5,473	5,445	5,538
Municipal	Number	895	1,068	1,321	1,670	1,747	1,748	1,791	1,837
Tennis: [6]									
Players	1,000	5,000	(NA)	10,655	20,158	33,949	(NA)	29,201	(NA)
Indoor	1,000	(NA)	(NA)	(NA)	1,567	3,463	(NA)	4,072	(NA)
Courts	1,000	(NA)	(NA)	(NA)	112.0	(NA)	130.0	141.0	(NA)
Indoor	1,000	(NA)	(NA)	(NA)	6.5	(NA)	7.8	9.0	(NA)
Tenpin bowling: [7 8]									
Establishments	Number	8,997	10,752	9,140	8,674	8,592	8,577	8,607	8,640
Lane [5]	1,000	108	159	141	139	139	141	143	147
Membership, total [9]	1,000	5,538	8,010	7,733	8,213	8,482	8,751	9,196	9,453
American Bowling Congress	1,000	3,665	4,944	4,210	4,150	4,200	4,300	4,500	4,583
Women's Bowling Congress	1,000	1,543	2,736	2,988	3,343	3,531	3,692	3,870	4,044
Duckpin bowling: [10 11 12]									
Establishments	Number	653	641	486	246	210	205	206	200
Lanes	Number	8,707	8,714	6,648	3,879	3,713	3,643	3,618	3,517
Teams	1,000	62.1	80.8	75.3	30.8	26.1	25.9	25.6	27.7
Motion picture theaters [13 14]	1,000	[11 15] 16	13	14	15	15	16	17	(NA)
Four-wall	1,000	[11 15] 12	9	10	11	11	12	13	(NA)
Drive-in	1,000	[11 15] 4	4	4	4	4	4	4	(NA)
Receipts, box office	Mil. dol.	[11] 951	927	1,225	1,500	1,908	2,115	2,036	2,372
Admission, average price	Dollars	[11 15] .65	[16] .85	1.55	1.76	1.89	2.05	2.13	2.23

See footnotes at end of table.

No. 401. Selected Recreational Activities: 1960 to 1977—Continued

[See also *Historical Statistics, Colonial Times to 1970*, series H 877, for outboard motors sold]

Activity	Unit	1960	1965	1970	1973	1974	1975	1976	1977
Outboard motors and boats: [17]									
Motors in use	1,000	5,800	6,645	7,215	7,510	7,595	7,649	7,700	7,760
Motors sold	1,000	468	393	430	585	545	435	468	462
Value, retail	Mil. dol.	221	183	281	503	463	411	515	607
Horsepower, average	(X)	27.4	28.2	31.0	40.8	40.5	40.3	42.1	44.4
Outboard boats sold	1,000	[18] 294	250	276	448	425	328	341	336
Value, retail	Mil. dol.	(NA)	133	177	325	310	263	358	391
Length, average	Feet	(NA)	15.3	15.4	15.4	14.2	14.4	14.8	14.9
Inboard/outdrive boats sold	1,000	([18])	17	43	78	70	70	80	84
Value, retail	Mil. dol.	(NA)	64	182	410	387	420	576	672
Boat trailers sold	1,000	206	130	213	330	325	255	285	276
Value, retail	Mil. dol.	(NA)	29	51	94	98	88	121	125

NA Not available. X Not applicable. [1] Source: Amateur Softball Association, Oklahoma City, Okla. [2] Represents participants on Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only. [4] Source: National Golf Foundation, Chicago, Ill. [5] Prior to 1973, figures represent facilities. [6] Source: U.S. Tennis Association, New York, N.Y. Survey by A. C. Nielsen Company. [7] Source: American Bowling Congress, Greendale, Wis. [8] Season ending in year shown. [9] Includes American Jr. Bowling Congress. [10] Source: National Duckpin Bowling Congress, Washington, D.C. [11] Excludes Alaska and Hawaii. [12] Season beginning in year shown. [13] Source: Motion Picture Association of America, Inc., New York, N.Y. [14] Prior to 1973, figures represent theaters; thereafter, screens. [15] 1958 data. [16] 1963 data. [17] Source: Marex, Inc., Chicago, Ill. [18] Inboard/outdrive boats sold included with outboard boats sold.

Source: Compiled from sources listed in footnotes.

No. 402. Selected Spectator Sports: 1960 to 1977

[See also *Historical Statistics, Colonial Times to 1970*, series H 865–870 and H 872]

Activity	Unit	1960	1965	1970	1973	1974	1975	1976	1977
Baseball, major leagues: [1] [2]									
Attendance	1,000	20,261	22,806	29,191	30,905	30,571	30,373	31,974	39,523
Regular season	1,000	19,911	22,442	28,747	30,109	29,994	29,789	31,318	38,710
National League	1,000	10,685	13,581	16,662	16,675	16,978	16,600	16,661	19,070
American League	1,000	9,227	8,861	12,085	13,434	13,016	13,189	14,658	19,640
Playoffs	1,000	(X)	(X)	191	438	317	276	432	475
World Series	1,000	350	364	253	358	260	308	223	338
Basketball, attendance: [1] [3]									
National Basketball Assn [4]	1,000	1,986	2,750	5,147	6,834	6,885	7,863	8,494	10,706
American Basketball Assn. [4]									
Regular season	1,000	(X)	(X)	1,753	2,400	2,319	2,703	(NA)	(X)
Playoffs	1,000	(X)	(X)	213	364	265	388	(NA)	(X)
Football: [5]									
College:									
Teams	Number	620	616	617	630	634	634	637	638
Attendance	1,000	20,403	24,683	29,466	31,283	31,235	31,688	32,012	32,905
Professional, attendance	1,000	[6] 4,154	[6] 6,547	9,992	11,256	10,675	10,689	11,563	10,800
Regular season	1,000	[6] 4,054	[6] 6,416	9,533	10,731	10,236	10,213	11,071	10,327
Postseason games [7]	1,000	[6] 100	[6] 131	458	525	439	476	493	473
Hockey, attendance: [8] [9]									
National Hockey League:									
Regular season	1,000	2,387	2,823	5,992	8,576	8,641	9,522	9,104	8,564
Playoffs	1,000	187	304	462	625	600	784	727	646
World Hockey Association:									
Regular season	1,000	(X)	(X)	(X)	2,480	2,765	4,096	4,123	3,625
Playoffs	1,000	(X)	(X)	(X)	236	289	336	446	401
Boxing, professional matches: [10]									
Boxers [11]	Number	[12] 2,920	2,202	5,071	7,384	8,469	7,647	8,327	8,964
Receipts, gross [13]	$1,000	[12] 5,902	8,264	10,642	12,634	14,250	13,179	[14] 18,000	[14] 19,036
Racing: [15]									
Horseracing: [16] Racing days	Number	6,099	8,051	9,962	11,805	12,211	13,110	13,570	14,312
Attendance	1,000	46,879	62,887	69,704	75,016	74,948	78,662	79,307	83,914
Parimutuel turnover	Mil. dol.	3,358	4,615	5,977	7,027	7,513	7,862	9,421	9,694
Revenue to States	Mil. dol.	258	370	486	537	567	582	616	[17] 750
Greyhound: Racing days	Number	2,478	3,443	3,023	3,630	3,842	3,960	4,589	6,688
Attendance	1,000	7,924	10,865	12,660	15,114	16,282	17,458	18,978	20,040
Parimutuel turnover	Mil. dol.	322	460	730	1,016	1,164	1,261	1,429	1,604
Revenue to States	Mil. dol.	22	33	53	72	84	91	107	117

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, N.Y.; and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book*. [3] Season ending in year shown. Beginning 1977, the American Basketball Association ceased operation. [4] Location: New York, N.Y. [5] Source: National Collegiate Athletic Association, Shawnee Mission, Kans., and, for professional, National Football League, New York, N.Y. [6] Includes American Football League. Beginning 1970, American Football League merged with National Football League. [7] Beginning 1970, includes Pro Bowl, a non-championship game. [8] Source: National Hockey League, Montreal, Quebec, and The World Hockey League, Toronto, Ontario. [9] Season ending in year shown. [10] Source: The Ring, Inc., New York, N.Y., *The Ring Magazine* (copyright). [11] Boxers listed for one or more bouts. [12] Excludes Alaska. [13] Excludes closed circuit TV receipts. [14] Unpublished unofficial estimate. [15] Source: National Association of State Racing Commissioners, Lexington, Ky. [16] Includes thoroughbred, harness, quarter horse, and fairs. [17] Estimate.

Source: Compiled from sources listed in footnotes.

No. 403. Sport Fishing and Hunting Licenses—Number and Cost: 1950 to 1976

[For years ending **June 30** except, beginning **1976**, ending **Sept. 30**. Prior to 1960, fishing and hunting licenses exclude Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976
Fishing licenses: Sales[1] millions	15.3	18.9	23.3	25.0	31.1	33.5	34.3	34.7	34.9
Resident millions	13.3	16.2	20.2	21.6	26.8	28.5	29.5	30.0	29.8
Nonresident millions	2.0	2.6	3.1	3.4	4.3	5.0	4.8	4.7	5.1
Cost to anglers mil. dol.	34	40	52	63	91	118	128	142	155
Hunting licenses: Sales[1] millions	12.6	14.2	18.4	19.4	22.2	23.3	25.1	25.9	25.3
Resident millions	12.4	13.9	17.8	18.5	21.0	22.1	23.8	24.7	24.0
Nonresident millions	.2	.3	.6	.9	1.2	1.2	1.3	1.3	1.3
Cost to hunters mil. dol.	38	43	61	75	102	123	143	155	164
Federal duck stamps sold 1,000	1,955	2,185	1,629	1,566	2,072	2,180	2,046	2,222	2,170

[1] Prior to 1960, paid license holders; for definition, see footnote 1, table 404.

No. 404. Sport Fishing and Hunting Licenses—Number and Cost, by States: 1976

[For year ending **Sept. 30**. Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	Paid license holders[1] (1,000)		Cost of licenses[2] ($1,000)		STATE	Paid license holders[1] (1,000)		Cost of licenses[2] ($1,000)	
	Fishing	Hunting	Fishing	Hunting		Fishing	Hunting	Fishing	Hunting
United States	27,818	16,300	154,581	163,599	Missouri	887	475	6,066	5,257
Alabama	593	332	1,985	1,990	Montana	294	223	3,550	3,423
Alaska	159	71	1,284	1,299	Nebraska	260	182	1,242	1,813
Arizona	421	182	2,829	2,705	Nevada	159	60	1,261	1,161
Arkansas	761	355	3,866	2,562	New Hampshire	117	73	963	959
California	2,347	612	18,202	6,732	New Jersey	190	187	1,709	2,064
Colorado	679	317	4,887	8,355	New Mexico	229	135	1,601	1,729
Connecticut	200	87	742	383	New York	876	769	5,568	8,224
Delaware	13	29	64	197	North Carolina	487	384	2,884	3,504
Florida	870	263	2,588	1,600	North Dakota	142	98	396	966
Georgia	655	364	2,212	2,581	Ohio	948	584	3,865	3,669
Hawaii	8	12	27	94	Oklahoma	591	251	3,110	1,832
Idaho	392	218	2,343	3,588	Oregon	704	326	5,069	3,894
Illinois	1,035	517	2,426	1,830	Pennsylvania	966	1,281	7,023	14,796
Indiana	712	453	2,499	1,915	Rhode Island	30	16	93	67
Iowa	541	355	2,237	3,101	South Carolina	415	212	1,998	1,687
Kansas	336	222	1,767	1,534	South Dakota	165	148	570	1,811
Kentucky	599	318	2,969	1,695	Tennessee	729	484	4,866	5,128
Louisiana	473	337	1,041	2,572	Texas	1,564	856	6,271	4,953
Maine	259	227	1,867	2,708	Utah	472	217	2,518	2,595
Maryland	122	184	589	2,135	Vermont	141	132	749	1,733
Massachusetts	218	116	1,695	1,007	Virginia	420	416	2,466	4,235
Michigan	1,255	946	8,608	8,814	Washington	521	323	4,473	5,265
Minnesota	1,491	449	5,888	4,698	West Virginia	259	301	1,640	2,349
Mississippi	435	331	1,550	2,088	Wisconsin	1,416	707	8,942	7,595
					Wyoming	262	163	1,523	6,707

[1] Resident and nonresident. U.S. total includes multiple counting of license holders who bought nonresident licenses as well as a home State license. [2] Total cost to holders for all licenses, permits, tags, stamps, etc.

Source of tables 403 and 404: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

No. 405. Sport Fishermen and Hunters: 1960 to 1975

[**In thousands.** Persons 12 yr. old and over, except 1975, 9 yr. old and over. 1960 and 1975, persons who fished and hunted; 1965, persons who spent $5 or more; 1970, persons who spent $7.50 or more; also for 1965 and 1970, persons who reported 3 or more fishing and hunting days in year. 1960-1970 based on samples of approximately 18,000 households; for 1975, on 20,200 individuals]

ITEM	Fishermen and hunters, 1960	Fishermen and hunters, 1965	1970, persons who—			1975, persons who—		
			Fished and/or hunted	Fished	Hunted	Fished and/or hunted	Fished	Hunted
Total	30,435	32,881	36,277	33,158	14,336	59,530	53,929	20,591
Male	23,171	25,216	26,928	24,073	13,467	(NA)	37,265	18,964
Female	7,264	7,665	9,349	9,085	869	(NA)	16,664	1,627
Metropolitan areas	8,741	14,811	15,354	14,417	4,606	(NA)	36,672	11,531
Nonmetropolitan areas	21,693	18,070	20,923	18,741	9,731	(NA)	17,257	9,060

NA Not available.

Source: U.S. Fish and Wildlife Service, *National Survey of Fishing and Hunting, 1960, 1965, 1970*, and *1975*.

No. 406. Gambling Outlays, by Type, and Percent of Adults Participating: 1974

[Covers gambling by persons 18 years old and over for types listed. The standard errors of the estimated total volume of legal and illegal betting are about 17 percent and 25 percent, respectively, of the mean values shown. Therefore, the chances are about 68 out of 100 that the true total lies within a range of $17.3 billion ± $3.0 billion for legal betting and $5.1 billion ± $1.3 billion for illegal. See also headnote, table 407]

Type	Total outlays ventured (mil. dol.)	Net outlays[1] (mil. dol.)	Adults who gamble: Percent of all adults	Adults who gamble: Average annual outlay (dol.)	Type	Total outlays ventured (mil. dol.)	Net outlays[1] (mil. dol.)	Adults who gamble: Percent of all adults	Adults who gamble: Average annual outlay (dol.)
All types	**22,421**	**4,385**	**48.0**	**387**	Illegal	5,074	1,039	11.2	318
					Sports books	2,341	105	1.9	623
Legal	17,347	3,347	[2] 44.3	273	Horse books	1,368	227	2.4	416
Horses at track	7,930	1,247	13.7	448					
OTB[3], New York	967	171	13.5	1,118	Numbers	1,064	575	3.0	273
Legal casinos	6,076	1,004	9.4	448	Sports cards	191	115	3.0	44
Bingo	1,735	551	18.7	74	Casino games	110	19	(NA)	(NA)
Lotteries	639	374	24.0	25					

NA Not available. [1] Represents the number of dollars lost by bettors or the amount taken out by commercial operators before the remainder is paid back as winnings to bettors.
[2] Includes dog tracks, jai alai, and other games not shown separately. [3] Off-track betting.

Source: Institute for Social Research, University of Michigan, Ann Arbor, Michigan, *Gambling in the United States*, 1976.

No. 407. Percent of Adults Who Gamble, by Selected Characteristics and Betting Status: 1974

[**In percent, except as indicated.** Persons 18 years old and over living in housing units, except those living on military reservations. Based on a national sample of 1,736 respondents (usable interviews)]

Characteristic	All nonbettors	Never have bet	Bettors: All[1]	Bettors: Legal commercial[2]	Bettors: Illegal	Characteristic	All nonbettors	Never have bet	Bettors: All[1]	Bettors: Legal commercial[2]	Bettors: Illegal
Total	**39**	**32**	**61**	**44**	**11**	Widowed	82	72	18	16	2
Population equivalent, mil.	56.2	46.1	87.9	63.4	15.9	Never married	30	27	70	53	15
						Not high school graduate	59	49	41	30	8
Male	32	25	68	47	17	High school graduate	34	29	66	48	12
Female	45	39	55	42	5	Some college	28	22	72	52	13
						College graduate	21	18	79	56	11
White	38	31	62	45	10						
Black and other	48	39	52	38	17	Catholic	20	17	80	65	16
						Protestant	46	38	54	36	9
18–24 years old	27	25	73	48	15	Baptist	55	47	45	30	10
25–44 years old	31	26	69	52	14	Methodist	37	30	63	41	11
45–64 years old	40	33	60	42	8	Bible-oriented sects	67	57	33	19	8
65 and over	77	65	23	17	2	Other[3]	26	20	74	51	10
						Jewish	23	23	77	66	19
Employed	29	23	71	50	15	Atheist, no preference	60	44	40	33	5
Unemployed	31	25	69	54	15						
						Northeast	20	17	80	67	19
Annual income of—						North Central	34	28	66	48	12
Under $5,000	76	66	24	17	3	South	60	52	40	23	6
$5,000–$10,000	49	42	51	39	8	West	35	24	65	47	7
$10,000–$15,000	31	24	69	46	10						
$15,000 and over	26	21	74	54	15	City, 100,000 or more	34	28	66	46	15
						Suburb of city over 500,000	28	23	72	56	14
Married	38	31	62	44	11						
Divorced or separated	29	23	71	57	16	Small cities, rural	47	39	53	38	7

[1] Bettors are persons who gambled at any time during the year. Includes betting only with friends, not shown separately. [2] Covers bettors who made legal commercial bets and bets with friends and bettors who made only legal commercial bets. [3] Presbyterian, Lutheran, Congregational, and Episcopal.

Source: Institute for Social Research, University of Michigan, Ann Arbor, Michigan, *Gambling in the United States*, 1976.

No. 408. Performing Arts—Selected Data: 1960 to 1977

[**Receipts and expenditures in millions of dollars.** For season ending in year shown, except as indicated]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Legitimate theater: [1]										
Broadway shows:										
New productions	58	67	62	46	56	58	50	59	62	63
Playing weeks [2 3]	1,156	1,250	1,047	1,107	1,157	889	907	1,101	1,136	1,347
Gross box office receipts ... mil. dol	45.7	50.5	53.3	55.3	52.3	45.3	46.3	57.4	70.8	93.4
Road shows:										
Playing weeks [3]	728	643	1,024	898	909	1,056	899	799	814	987
Gross box office receipts ... mil. dol	27.3	25.9	48.0	49.8	49.7	55.9	45.7	50.9	52.6	82.6
Opera companies [4]	754	732	648	685	715	817	902	807	913	914
Major	(NA)	27	35	40	43	48	53	54	65	68
Expenditures mil. dol	(NA)	(NA)	36.0	41.2	(NA)	(NA)	(NA)	(NA)	71.8	79.7
Community	403	296	266	269	278	356	400	335	412	424
Workshops	351	409	347	376	394	413	449	418	436	422
Performances	4,232	4,176	4,779	5,246	5,723	5,993	6,676	6,428	7,109	7,389
Operas performed	287	331	341	324	364	425	403	387	427	427
World premiere	(NA)	(NA)	17	35	34	43	32	16	45	33
Attendance ... mil	(NA)	(NA)	4.6	(NA)	(NA)	(NA)	8.0	7.9	8.9	9.2
Symphony orchestras [5]	1,226	1,385	1,441	1,450	1,463	1,463	1,463	1,463	1,410	1,453
College	250	290	298	300	300	300	300	300	356	356
Community	933	1,032	1,021	1,023	1,023	1,017	1,003	1,003	872	888
Urban	(6)	(6)	24	22	31	36	43	41	56	69
Metropolitan	18	38	72	76	81	82	88	90	95	109
Major	25	25	28	28	28	28	29	29	31	31
Musicians	(NA)	2,216	2,513	2,539	2,521	2,454	2,614	2,635	2,782	2,772
Concerts played	(NA)	2,987	4,349	4,508	4,487	4,531	4,723	4,909	5,314	5,904
Attendance ... mil	(NA)	6.8	9.0	10.6	10.7	10.8	11.8	12.0	13.4	13.7
Ensemble concerts	(NA)	(NA)	(NA)	(NA)	899	812	1,208	1,191	946	1,002
Attendance ... 1,000	(NA)	(NA)	(NA)	(NA)	574	520	544	650	605	353
Gross expenditures	(NA)	27.7	58.8	66.3	70.7	75.6	85.6	96.6	108.4	121.5

NA Not available. [1] Source: *Variety*, New York, N.Y., June 8, 1977 issue (copyright). [2] All shows (new productions and holdovers from previous seasons). [3] Eight performances are normally given in a playing week. [4] Source: Central Opera Service, New York, N.Y., *Directory of American Opera Producing Organizations*. Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to all soloists. Community companies have annual budgets of less than $100,000, issue AGMA contracts to some soloists, and give regularly scheduled performances. Workshops are primarily college and university opera companies. [5] Source: American Symphony Orchestra League, Inc., Vienna, Va. For years ending Aug. 31. Orchestras other than college are principally defined by their annual budgets: Community, $100,000 or under prior to 1967, $50,000 or under thereafter; urban $50,000–$99,999; metropolitan, $100,000–$499,999; and major, $500,000 and over prior to 1976, $1,500,000 and over, thereafter. Prior to 1976, metropolitan included a few orchestras over $500,000. For 1976 and 1977 metropolitan includes 16 and 24 regional orchestras, respectively, with budgets between $500,000 and $1,499,999. [6] Classification began in 1967.

Source: Compiled from sources listed in footnotes.

No. 409. Museums—Selected Data, by Major Museum Interest and Governing Authority: 1972

[For year ending **June 30.** Based on representative sample of 728 museums. See source for methodology]

ITEM	Total	MAJOR INTEREST					GOVERNING AUTHORITY		
		Art	History	Science	Art and history	Other combined [1]	Private non-profit	Government	Educational body
Museums	1,821	340	683	284	186	328	1,018	623	180
Percent by annual budget size:									
Under $50,000	44	33	62	18	55	43	47	45	43
$50,000–$99,999	19	22	17	20	15	20	19	18	17
$100,000–$499,999	27	29	19	42	23	30	24	29	34
$500,000–$999,999	5	8	1	10	5	2	5	4	4
$1,000,000 and over	5	8	1	10	2	5	5	4	2
Museum visits ... mil	308	43	75	117	18	56	127	171	10
Full-time paid personnel ... 1,000	30	8	5	9	3	5	18	10	2
Part-time paid personnel ... 1,000	19	4	4	5	2	4	12	5	2
Volunteers ... 1,000	64	24	18	10	4	9	48	13	3
Total income ... mil. dol	513	158	69	153	53	80	333	152	28
Percent by source of income:									
Operating revenues	29	24	30	30	61	18	37	15	9
Private support	21	32	14	18	18	14	26	5	58
Non-operating revenues	13	23	8	8	10	9	18	2	15
Municipal and county govt	18	13	10	24	3	30	12	31	3
State government	7	2	24	3	4	12	4	15	8
Federal government	12	6	14	17	4	17	3	32	7

[1] Composed of art and science museums, history and science museums, and art, history, and science museums.

Source: U.S. National Endowment for the Arts, *Museums USA*, 1974.

No. 410. Volume and Characteristics of Travel: 1972 and 1977

[A trip is counted each time a person goes at least 100 miles away from home. Based on a nationwide probability sample of households concerning trips during 1972 and 1977; see Appendix III]

Characteristic	1972				1977 (Jan.–Mar.)					
	Person-trips		Person-miles [1]		Household trips		Person-trips		Person-miles [1]	
	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent
Total	**458**	**100.0**	**362**	**100.0**	**79.9**	**100.0**	**127**	**100.0**	**88**	**100.0**
Means of transport:										
Auto/truck, no camping equip	356	77.7	229	63.3	57.3	71.7	97	76.5	46	51.7
Auto/truck with camping equip	34	7.4	28	7.7	2.3	2.9	5	3.6	3	3.7
Bus	8	1.8	6	1.6	3.4	4.3	4	3.2	2	2.7
Train	2	.4	2	.5	.9	1.1	1	.8	1	1.0
Airplane	54	11.8	94	25.9	14.1	17.6	18	13.9	33	37.7
Other [2]	4	.8	4	1.2	1.9	2.4	3	2.0	2	3.1
Purpose of trip:										
Visiting	176	38.4	140	38.7	24.8	31.0	46	36.3	29	33.1
Business/convention	93	20.2	80	22.0	26.4	33.0	32	24.8	25	28.0
Outdoor recreation	57	12.4	33	9.0	7.5	9.4	13	10.4	7	8.3
Entertainment, sightseeing	61	13.3	56	15.3	7.7	9.6	13	10.6	11	13.0
Personal, shopping, medical	72	15.7	54	14.9	9.5	11.9	17	13.2	11	12.8
Other					3.9	4.9	6	4.6	4	4.9
Round-trip distance:										
200–399 miles	189	41.2	55	15.1	41.8	52.3	69	53.8	19	21.1
400–599 miles	92	20.0	44	12.1	13.4	16.8	22	16.9	10	11.8
600–799 miles	45	9.9	31	8.5	5.5	6.9	8	6.6	6	6.6
800–999 miles	25	5.5	22	6.1	3.1	3.9	5	3.6	4	4.5
1,000–1,999 miles	48	10.4	66	18.1	6.5	8.1	10	7.6	14	15.4
2,000 miles and over	41	8.9	145	40.0	7.4	9.3	11	8.5	36	40.6
Outside United States	18	4.0	(X)	(X)	2.1	2.6	4	2.9	–	–
Duration of trip:										
No nights out of town	83	18.0	31	8.6	18.2	22.8	27	21.3	8	9.6
1 night	(NA)	(NA)	(NA)	(NA)	13.8	17.3	23	17.9	9	10.7
2–3 nights	(NA)	(NA)	(NA)	(NA)	29.1	36.4	48	27.5	3	29.1
4–9 nights	(NA)	(NA)	(NA)	(NA)	13.1	16.4	20	15.9	26	29.5
10–15 nights	(NA)	(NA)	(NA)	(NA)	3.0	3.8	5	4.1	9	10.6
16 nights or more	16	3.4	35	9.7	2.7	3.4	4	3.3	9	10.5
Number on trip:										
1 person	120	26.2	106	29.3	51.7	64.7	52	40.7	39	44.6
2 persons	131	28.5	109	30.3	18.5	23.2	38	30.1	28	32.1
3–4 persons	(NA)	(NA)	(NA)	(NA)	7.9	9.9	28	21.8	15	17.5
5 persons or more	(NA)	(NA)	(NA)	(NA)	1.7	2.1	9	7.1	5	5.7

– Represents zero. NA Not available. X Not applicable. [1] Miles of travelers adjusted for circuity based on type of transport. [2] Includes different means of going and coming.

No. 411. U.S. Travel, by Selected Characteristics of Travelers: 1977

[For **Jan.–Mar. 1977.** See headnote, table 410]

Characteristic	Travelers						Households			
	Total		Person-trips		Person-miles		Traveling		Non-traveling	
	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent
Total	**58.7**	**100.0**	**127.3**	**100.0**	**88.1**	**100.0**	**27.9**	**100.0**	**46.6**	**100.0**
Male	30.4	51.8	74.1	58.2	52.0	59.0	22.8	81.7	32.5	69.8
Female	28.3	48.2	53.2	41.8	36.1	41.0	5.1	18.3	14.1	30.2
White	54.2	92.4	118.5	93.1	82.1	93.2	25.7	92.2	39.9	85.8
Black and other	4.5	7.6	8.8	6.9	6.0	6.8	2.2	7.8	6.6	14.2
Under 18 years	13.0	22.0	22.2	17.5	12.6	14.4	(Z)	(Z)	(Z)	(Z)
18–24 years	8.8	15.0	19.2	15.1	11.9	13.5	3.2	11.4	3.8	8.3
25–44 years	19.4	33.1	47.8	37.6	32.9	37.4	12.0	43.3	16.3	34.9
45–64 years	13.6	23.2	31.3	24.6	24.3	27.5	9.6	34.5	14.8	31.8
65 and over	3.9	6.6	6.8	5.3	6.3	7.2	3.0	10.6	11.6	25.0
Owned dwelling	41.9	71.4	88.4	69.5	62.0	70.4	18.6	66.5	28.8	61.8
Rented dwelling [2]	16.8	28.7	38.8	30.5	26.1	29.7	9.3	33.5	17.8	38.2
Family income:										
Under $5,000	5.5	9.3	10.8	8.5	7.1	8.1	3.4	12.2	12.4	26.6
$5,000–$7,499	4.1	7.0	8.2	6.4	5.5	6.3	2.4	8.4	6.8	14.7
$7,500–$9,999	4.3	7.4	8.7	6.9	5.8	6.6	2.3	8.2	4.9	10.6
$10,000–$14,999	13.0	22.1	26.3	20.6	16.3	18.5	6.2	22.1	10.0	21.5
$15,000–$19,999	9.7	16.6	21.1	16.6	13.2	15.0	4.5	16.0	5.7	12.3
$20,000–$24,999	8.6	14.6	20.1	15.8	13.7	15.6	3.7	13.1	3.6	7.7
$25,000 and over	13.5	23.0	32.1	25.2	26.4	20.0	5.6	20.0	3.1	6.6

Z Less than 50 thousand or .05 percent. [1] For sex, race, and age, refers to household head.
[2] Includes occupied without cash payment.

Source of tables 410 and 411: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey.*

No. 412. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1960 to 1977

[**Travelers in thousands; expenditures in millions of dollars, except as indicated.** Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921–940]

ITEM AND COUNTRY	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977 [1]
Total overseas travelers [2]	**1,634**	**2,623**	**5,260**	**5,667**	**6,790**	**6,933**	**6,467**	**6,354**	**6,897**	**7,390**
Means of transport from U.S.:										
Sea	317	237	120	95	73	57	47	36	55	(NA)
Air	1,317	2,386	5,140	5,572	6,717	6,876	6,420	6,318	6,842	(NA)
Region of destination:										
Europe and Mediterranean	832	1,405	2,898	3,202	3,843	3,915	3,325	3,185	3,523	3,920
Average length of stay ... days	(NA)	39	27	26	27	24	24	24	24	19
Caribbean and Central America	641	891	1,663	1,736	1,992	2,032	2,147	2,065	2,201	2,203
South America	71	127	249	254	338	383	423	447	436	483
Other	90	200	450	475	617	603	572	657	737	784
Total expenditures [3]	**2,623**	**3,768**	**6,180**	**6,728**	**7,902**	**8,472**	**9,406**	**10,143**	**10,868**	**11,924**
Transportation: [4]										
Foreign flag carriers	513	720	1,215	1,290	1,596	1,790	2,095	2,263	2,568	2,843
United States flag carriers	360	610	985	1,065	1,264	1,156	1,331	1,463	1,444	1,630
Expenditures abroad	1,750	2,438	3,980	4,373	5,042	5,526	5,980	6,417	6,856	7,451
Canada	380	600	1,018	1,079	1,037	1,158	1,359	1,306	1,371	1,433
Mexico	383	540	778	959	1,135	1,264	1,475	1,637	1,723	1,918
Total overseas areas	987	1,298	2,184	2,335	2,870	3,104	3,146	3,474	3,762	4,100
Europe and Mediterranean	692	864	1,425	1,540	1,853	1,993	1,802	1,918	2,150	2,398
Average per trip [5] ... dollars	830	611	490	481	482	509	542	602	610	612
Average per day ... dollars	(NA)	15.67	18.15	18.50	17.85	21.21	22.58	25.19	25.42	32.21
Caribbean and Central America	166	220	390	408	504	570	685	787	784	790
South America	45	68	90	92	113	132	209	242	232	254
Japan	36	60	97	88	121	123	102	131	145	149
Other	48	86	182	207	279	286	348	396	451	509

NA Not available. [1] Preliminary. [2] Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [3] Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [4] Excludes passenger fares of emigrant aliens. [5] Excludes transatlantic passenger fares.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 413. Passengers Arriving From and Departing to Foreign Places, by Citizenship, Area, Flag of Carrier, and Mode of Travel: 1965 to 1977

[**In thousands.** For years ending **June 30** except, beginning **1976**, ending **Dec. 31.** Compiled from passenger manifests or lists. Excludes travelers between United States and its outlying areas, border crossers, crewmen, and military personnel. See also *Historical Statistics, Colonial Times to 1970*, series C 296–331]

AREA, FLAG, ETC.	1965	1970	1975	1976	1977
Arrivals	**5,059**	**10,039**	**14,240**	**13,403**	**14,701**
Aliens	1,960	3,831	6,094	5,970	6,499
Citizens	3,100	6,208	8,146	7,433	8,201
Embarkation:					
Europe [1] [2]	2,212	4,087	5,251	5,423	6,256
Asia [1] [3]	351	893	1,765	1,738	1,895
Africa	15	30	56	94	116
Oceania	96	225	402	435	446
Canada and Greenland [2]	54	79	393	(NA)	(NA)
Mexico	441	880	1,613	1,707	1,647
West Indies	1,118	2,481	2,718	2,700	2,827
Cent. America	148	264	411	450	525
So. America	277	531	847	856	989
Cruise	347	569	784	(NA)	(NA)
Arrivals:					
Boston	89	302	528	492	554
Chicago	162	203	672	700	792
Honolulu	197	506	1,324	1,061	1,063
Houston	46	85	284	329	259
Los Angeles	[4] 238	516	918	1,067	1,168
Miami	772	1,515	1,963	1,716	1,996
New York	2,431	4,182	4,735	4,622	5,332
Philadelphia	19	102	219	169	143
San Francisco	115	192	340	238	322
Flag of carrier:					
United States	2,246	5,106	6,972	6,922	7,487
Foreign	2,813	4,933	7,268	6,481	7,214

AREA, FLAG, ETC.	1965	1970	1975	1976	1977
Arrivals—Con.					
Mode of travel:					
By sea	840	867	923	(NA)	(NA)
By air	4,220	9,172	13,317	13,403	14,701
Departures	**4,820**	**9,354**	**13,099**	**12,679**	**13,804**
Aliens	1,735	3,247	5,130	5,146	5,474
Citizens	3,085	6,107	7,969	7,533	8,330
Debarkation:					
Europe [1] [2]	2,111	3,907	4,827	5,060	5,826
Asia [1] [3]	357	808	1,592	1,736	1,821
Africa	19	33	58	99	104
Oceania	105	221	389	390	432
Canada and Greenland [2]	32	55	248	(NA)	(NA)
Mexico	427	846	1,522	1,622	1,570
West Indies	1,030	2,157	2,463	2,487	2,572
Cent. America	145	243	389	415	483
So. America	252	490	829	870	997
Cruise	343	594	782	(NA)	(NA)
Flag of carrier:					
United States	2,089	4,612	6,226	6,244	6,889
Foreign	2,731	4,742	6,874	6,435	6,915
Mode of travel:					
By sea	813	859	864	(NA)	(NA)
By air	4,007	8,495	12,236	12,679	13,804

NA Not available. [1] Turkey included with Europe through 1970, with Asia thereafter. [2] Beginning 1976, Greenland included with Europe. [3] Includes Philippines. [4] Includes San Pedro, California.

Source: 1965–1975, U.S. Immigration and Naturalization Service, *Annual Report*, and releases; thereafter, U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics*, annual.

No. 414. Passports, by Characteristics of Travelers and Travel: 1960 to 1977

[**In thousands.** Total passports are actual count; all other data based on a sample and prorated to total passports. Data subject to error since sample size varied through 1972; beginning 1973, based on a sample size of approximately 10 percent of total volume of passports. Data refer to number of passports issued, not travelers. Prior to 1970, covers new and renewed passports; thereafter, renewals eliminated. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 899–920]

CHARACTERISTIC	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total passports	853	1,330	2,219	2,399	2,728	2,729	2,415	2,334	2,817	3,107
Male	420	699	1,124	1,267	1,359	1,321	1,155	1,128	1,354	1,496
Female	433	631	1,095	1,132	1,369	1,408	1,260	1,206	1,463	1,611
Under 20 years	83	198	362	392	470	497	448	405	460	511
20–29 years	148	264	507	554	585	564	491	458	530	566
30–39 years	143	206	293	305	369	376	348	345	432	499
40–49 years	136	217	356	378	434	431	371	347	423	452
50–59 years	156	203	341	378	437	434	383	384	484	527
60 years and over	187	242	360	392	433	427	374	395	488	552
Independent business or profession	173	426	715	811	819	702	519	543	718	826
Student	90	222	446	506	548	559	459	406	478	533
Housewife	203	272	380	390	467	450	385	361	429	463
Skilled, technical or sales worker	139	47	66	48	143	279	367	322	365	371
Retired	54	75	121	135	157	160	150	161	207	239
Clerk-secretary	38	53	106	116	127	139	111	103	126	148
Teacher	44	57	128	136	147	139	111	112	128	129
Other and not stated	112	178	257	257	320	301	313	326	366	398
Object of travel: [1]										
Government	116	191	146	99	137	146	206	210	288	718
Personal reasons	322	487	1,791	2,157	2,043	1,246	385	377	603	1,006
Pleasure	351	535	217	109	441	1,077	1,382	1,316	1,511	1,102
Business	24	76	40	16	68	155	268	273	273	191
Education	31	31	20	16	33	95	153	132	126	79
Religion, health, other	9	10	5	2	6	10	21	28	16	11
First area destination:										
Africa	8	19	19	15	30	26	32	33	35	34
Australia and Oceania	35	51	51	48	79	81	101	96	107	108
Europe	670	993	1,910	2,140	2,244	2,181	1,715	1,611	1,991	2,292
Far East	56	111	117	73	135	140	162	155	180	187
North, Central, and So. America	59	100	72	69	136	189	287	318	347	317
Middle East	25	56	49	54	104	111	117	121	157	169

[1] Data not entirely comparable because of changes in classifications.

Source: U.S. Passport Office, *Summary of Passport Statistics*, annual.

No. 415. Foreign Travel to the United States—Travelers and Expenditures: 1960 to 1977

[Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. See also *Historical Statistics, Colonial Times to 1970*, series H 946–951]

ITEM	Total	Canada	Mexico	OVERSEAS					Fares to U.S. carriers [1]
				Europe	Carib.; Centr. Amer.	So. America	Japan	Other	
Travelers (1,000):									
1960	(NA)	(NA)	(NA)	274	(NA)	(NA)	20	308	(X)
1965	(NA)	(NA)	(NA)	564	(NA)	(NA)	44	596	(X)
1970	(NA)	(NA)	(NA)	984	484	318	207	295	(X)
1973	(NA)	(NA)	(NA)	1,623	497	358	639	437	(X)
1974	(NA)	(NA)	(NA)	1,544	508	401	764	483	(X)
1975	(NA)	(NA)	(NA)	1,500	478	438	747	511	(X)
1976	(NA)	(NA)	(NA)	1,892	573	510	766	715	(X)
1977	(NA)	(NA)	(NA)	1,885	578	573	750	723	(X)
Expenditures (mil. dol.):									
1960	1,025	469	226	90	(NA)	(NA)	12	122	106
1965	1,545	490	390	200	(NA)	(NA)	27	273	165
1970	2,708	859	583	318	170	164	101	136	377
1973	4,130	1,072	830	559	205	198	334	214	718
1974	4,845	1,225	1,142	570	216	237	402	240	813
1975	5,606	1,561	1,453	611	206	303	410	295	767
1976	6,743	1,983	1,428	852	289	360	439	455	937
1977	7,189	2,150	1,414	988	270	444	436	462	1,025

NA Not available. X Not applicable. [1] Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

Section 9

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Combined Statement of Receipts, Expenditures and Balances of the United States Government,* the official report relating to the receipts, appropriations, outlays, and fund accounts. The *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Civil Service Commission and the Bureau of Labor Statistics (see p. 254).

Budget concept.—Under the unified budget concept, introduced in the 1969 budget, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds collect certain taxes and other receipts for specified purposes such as unemployment insurance. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, and the lending activities of the Rural Electrification Administration. For fiscal year 1978, these activities (i.e. off-budget Federal entities) are estimated to equal 2.5 percent of the unified budget. In addition, several privately owned, Government-sponsored activities which primarily perform lending functions are excluded (e.g. the Student Loan Marketing Association). These activities are estimated to equal 3.6 percent of the unified budget in 1978. Data showing unified budget totals of budget receipts and outlays are presented in the 1979 *Budget* for the years 1940 to 1978; more detailed tables generally show data since 1969.

Receipts arising from the Government's compulsory powers are reported as governmental receipts; all other receipts, e.g., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis.

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e. public debt); it did not include monies which agencies were authorized to borrow without going through the Treasury (e.g. the Postal Service). The new debt series, also introduced in 1969, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement*. Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States*.

Budget receipts and outlays of the Government and other transactions appear in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government.* The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Receipts such as taxes, customs duties, and miscellaneous budget receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers are reported in the *Monthly Treasury Statement* cited above and in the annual *Combined Statement of Receipts, Expenditures and Balances.* These monthly and annual reports include deposits and collections in, and payments from, accounts of Government agencies held outside the Treasury as well as those of the general account of the United States Treasury and are on the same basis as the unified budget.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's three annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, and business tax returns, respectively. The report on business tax returns presents financial data for sole proprietorships and partnerships. Periodic *Statistics of Income* publications present local area data for individuals as well as data from fiduciary income tax and estate tax returns, and data on sales of capital assets by individuals, foreign income and tax reported by corporations, and estate tax wealth.

Relation to national income accounts and GNP.—The Federal sector of the *national income and product accounts* focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 419). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

Employment and payrolls.—The Civil Service Commission collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Intermittent workers are counted if they performed any service during the reporting month.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months.

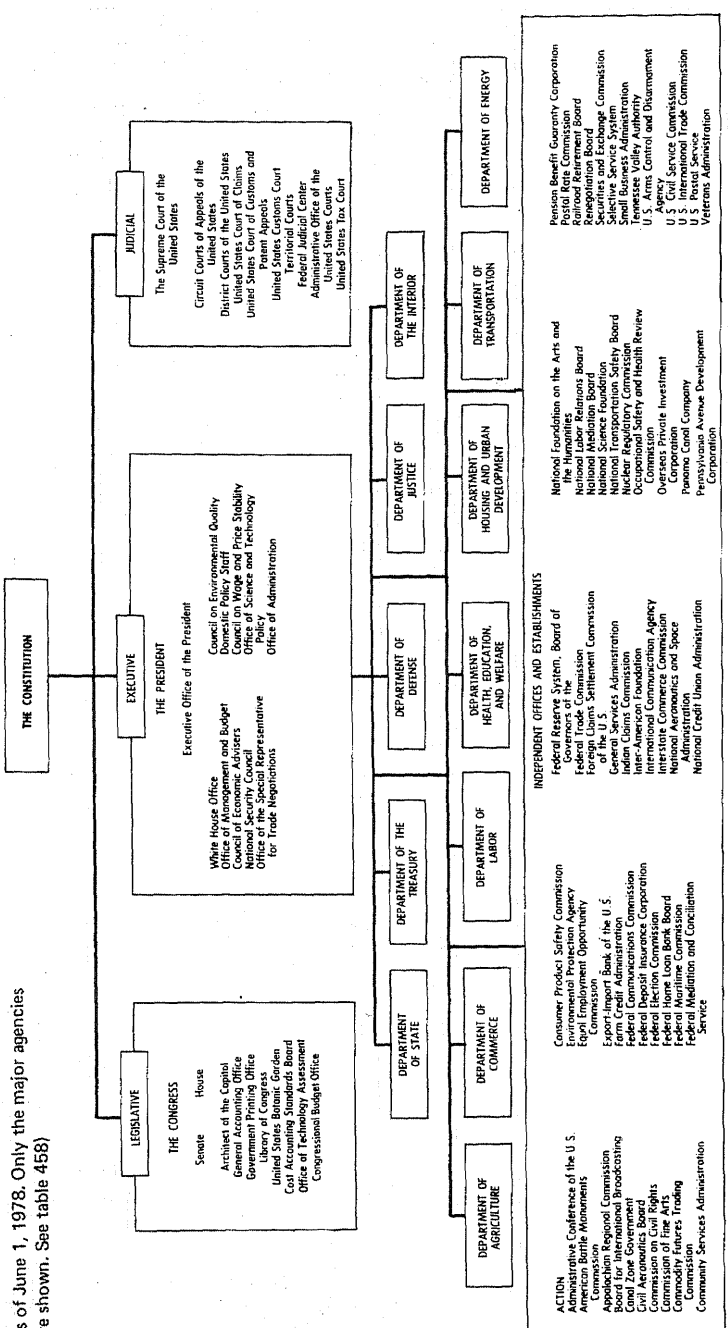
Federal employment and payroll figures are published by the Civil Service Commission in its *Annual Report* and its *Monthly Release, Federal Civilian Workforce Statistics.* It also publishes semiannual employment data for minority groups; annual reports on salary and wages; geographic distribution; and data on occupations of white- and blue-collar workers as well as data on women Federal employees. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings.*

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 9.1

The Government of the United States

(As of June 1, 1978. Only the major agencies are shown. See table 458)

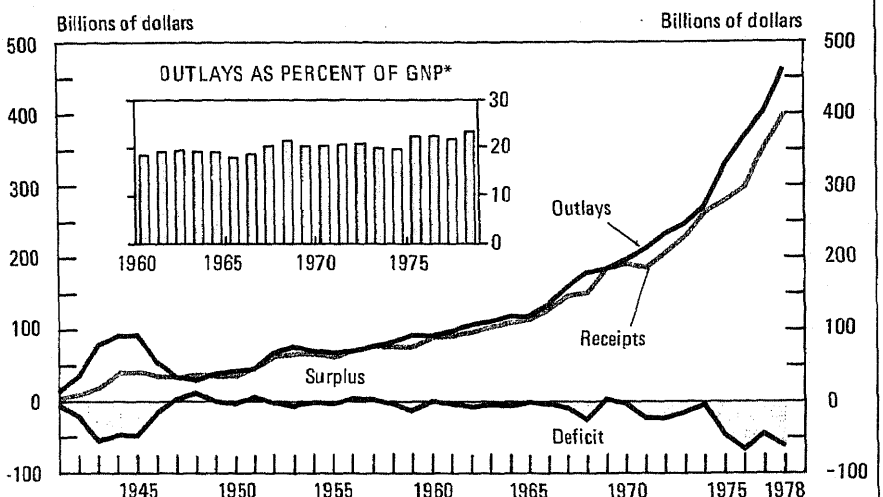


Source: U.S. General Services Administration. National Archives and Record Service.

Figure 9.2

Federal Budget Receipts and Outlays: 1941 to 1978

(For fiscal years; see table 417)



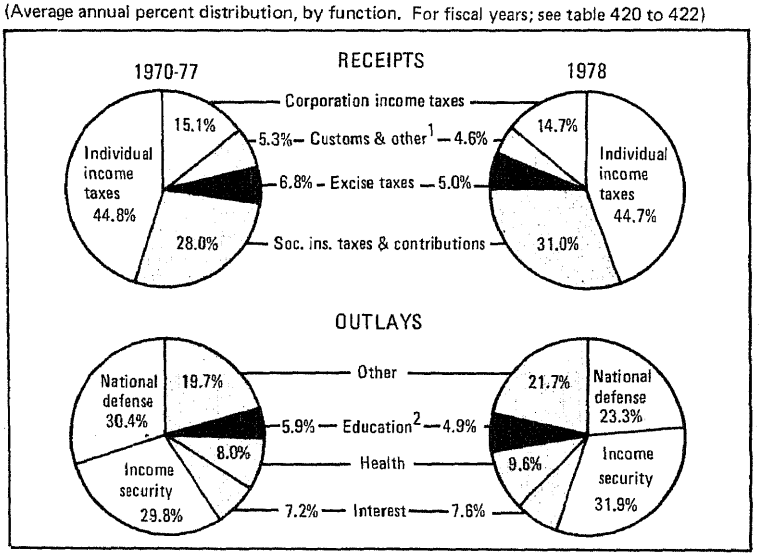
*Gross National Product.

Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. Office of Management and Budget.

Figure 9.3

The Annual Federal Budget: 1970 to 1978

(Average annual percent distribution, by function. For fiscal years; see table 420 to 422)



[1]Other includes gift taxes and other receipts. [2]Includes training, employment, and social services.

Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. Office of Management and Budget.

No. 416. Federal Budget Receipts, Outlays, and Debt: 1940 to 1978

[**In billions of dollars, except percent.** Through **1976**, for years ending **June 30**, except as noted; beginning **1977**, ending **Sept. 30**. See also *Historical Statistics, Colonial Times to 1970*, series Y 339–342]

YEAR	Receipts	Outlays	Surplus or deficit (–)	Outstanding debt [1]	Annual percent change: Receipts	Annual percent change: Outlays	Annual percent change: Outstanding debt	Percent of GNP [2]: Outlays	Percent of GNP [2]: Outstanding debt
1940	6.4	9.5	–3.1	50.7	(NA)	(NA)	[3] 5.1	10.0	97.7
1945	45.2	92.7	–47.5	260.1	48.0	60.0	39.0	42.7	119.5
1950	39.5	42.6	–3.1	256.9	–2.7	–14.4	–.3	16.1	51.1
1955	65.5	68.5	–3.0	274.4	10.6	10.0	1.3	18.0	72.2
1960	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.5
1961	94.4	97.8	–3.4	292.9	2.1	6.0	.7	19.2	57.6
1962	99.7	106.8	–7.1	303.3	5.6	9.2	3.6	19.5	55.5
1963	106.6	111.3	–4.8	310.8	6.9	4.2	2.5	19.3	53.9
1964	112.7	118.6	–5.9	316.8	5.7	6.5	1.9	19.2	51.4
1965	116.8	118.4	–1.6	323.2	3.7	–.1	2.0	18.0	49.2
1966	130.9	134.7	–3.8	329.5	12.0	13.7	1.9	18.7	45.7
1967	149.6	158.3	–8.7	341.3	14.3	17.5	3.6	20.4	44.1
1968	153.7	178.8	–25.2	369.8	2.8	13.0	8.4	21.5	44.6
1969	187.8	184.5	3.2	367.1	22.0	3.2	–.7	20.4	40.6
1970	193.7	196.6	–2.8	382.6	3.2	6.5	4.2	20.5	39.9
1971	188.4	211.4	–23.0	409.5	–2.8	7.5	7.0	20.7	40.2
1972	208.6	232.0	–23.4	437.3	10.8	9.7	6.8	20.9	39.4
1973	232.2	247.1	–14.8	468.4	11.3	6.5	7.1	20.0	37.9
1974	264.9	269.6	–4.7	486.2	14.1	9.1	3.8	19.8	35.8
1975	281.0	326.1	–45.1	544.1	6.1	21.0	11.9	22.4	37.4
1976	299.2	365.6	–66.4	631.9	6.8	12.4	16.1	22.5	38.9
1976, TQ [4]	81.7	94.7	–13.0	646.4	(X)	(X)	(X)	(X)	(X)
1977	356.9	401.9	–45.0	709.1	18.9	9.7	12.2	21.9	38.6
1978, est	400.4	462.2	–61.8	785.6	12.2	15.0	10.6	22.6	38.4

NA Not available. X Not applicable. [1] End of fiscal year. [2] Gross national product as of fiscal year; for calendar year GNP, see p. 440. [3] Change from 1939. [4] Transition quarter, July–Sept.

No. 417. Federal Budget Receipts, Outlays, and Debt: 1960 to 1978

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July–Sept. 1976**, omitted. Beginning **1972**, budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970*, series Y 339–342]

DESCRIPTION	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Receipts	**92.5**	**116.8**	**193.7**	**188.4**	**208.6**	**232.2**	**264.9**	**281.0**	**299.2**	**356.9**	**400.4**
Federal funds	75.6	90.9	143.2	133.8	148.8	161.4	181.2	187.5	200.3	240.4	267.9
Trust funds	19.2	29.2	59.4	66.2	73.0	92.2	104.8	118.6	133.7	152.8	168.5
Interfund transactions	–2.4	–3.3	–8.8	–11.6	–13.2	–21.3	–21.1	–25.1	–34.8	–36.3	–36.0
Outlays	**92.2**	**118.4**	**196.6**	**211.4**	**232.0**	**247.1**	**269.6**	**326.1**	**365.6**	**401.9**	**462.2**
Federal funds	74.9	94.8	156.3	163.7	178.1	187.0	199.9	240.0	269.1	294.9	340.0
Trust funds	19.7	27.0	49.1	59.4	67.1	81.4	90.8	111.2	131.3	143.3	158.2
Interfund transactions	–2.4	–3.3	–8.8	–11.6	–13.2	–21.3	–21.1	–25.1	–34.8	–36.3	–36.0
Surplus or deficit (–)	**.3**	**–1.6**	**–2.8**	**–23.0**	**–23.4**	**–14.8**	**–4.7**	**–45.1**	**–66.5**	**–45.0**	**–61.8**
Federal funds	.8	–3.9	–13.1	–29.9	–29.3	–25.6	–18.7	–52.5	–68.9	–54.5	–72.1
Trust funds	–.5	2.3	10.3	6.8	5.9	10.7	14.0	7.4	2.4	9.5	10.3
Outstanding debt [1]	**290.9**	**323.2**	**382.6**	**409.5**	**437.3**	**468.4**	**486.2**	**544.1**	**631.9**	**709.1**	**785.6**
Gross Federal debt held by:											
Government agencies	53.7	61.5	97.7	105.1	113.6	125.4	140.2	147.2	151.6	157.3	167.7
The public	237.2	261.6	284.9	304.3	323.8	343.0	346.0	396.9	480.3	551.8	617.9
Federal Reserve System	26.5	39.1	57.7	65.5	71.4	75.2	80.6	85.0	94.7	105.0	(NA)
Others	210.7	222.5	227.2	238.8	252.3	267.9	265.4	311.9	385.6	446.8	(NA)
Outlays as percent of GNP [2]	**18.5**	**18.0**	**20.5**	**20.7**	**20.9**	**20.0**	**19.8**	**22.4**	**22.5**	**21.9**	**22.6**
National defense	9.3	7.6	8.3	7.5	6.9	6.1	5.8	5.9	5.5	5.3	5.3
Human resources [3]	5.1	5.4	7.6	8.7	9.4	9.3	9.7	11.7	12.3	11.7	11.7
All other	4.2	5.1	4.6	4.5	4.6	4.5	4.3	4.9	4.9	4.9	5.6

NA Not available. [1] End of fiscal year.
[2] Gross national product as of fiscal year; for calendar year GNP, see page 440.
[3] Education, training, employment, social services, health, income security, and veterans benefits and services.

Source of tables 416 and 417: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 418. Federal Budget Outlays in Current and Constant (1972) Dollars: 1960 to 1978

[Through 1976, for years ending **June 30**, except as noted; beginning 1977, ending **Sept. 30**. Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible]

Year	Outlays (bil. dol.)						Percent of total outlays					Avg. annual percent change, total outlays
	Total	National defense	Total nondefense [1]	Payments for individuals	Net interest [2]	Aid to State and local govt. [3]	National defense	Total nondefense [1]	Payments for individuals	Net interest [2]	Aid to State and local govt. [3]	
CURRENT DOLLARS												
1960	92.2	45.2	47.0	22.9	6.9	7.0	49.0	51.0	24.8	7.5	7.6	[4] 1
1965	118.4	47.5	71.0	30.4	8.6	10.9	40.1	60.0	25.7	7.3	9.2	5.1
1968	178.8	78.8	100.1	46.0	11.1	18.6	44.1	56.0	25.7	6.2	10.4	14.7
1969	184.5	79.4	105.1	52.8	12.7	20.3	43.0	57.0	28.6	6.9	11.0	3.2
1970	196.6	78.6	118.0	59.8	14.4	24.0	40.0	60.0	30.4	7.3	12.2	6.6
1971	211.4	75.8	135.6	74.5	14.8	28.1	35.9	64.1	35.2	7.0	13.3	7.5
1972	232.0	76.6	155.5	85.3	15.5	34.4	33.0	67.0	36.8	6.7	14.8	9.7
1973	247.1	74.5	172.5	95.9	17.4	41.8	30.1	69.8	38.8	7.0	16.9	6.5
1974	269.6	77.7	191.9	111.1	21.5	43.3	28.8	71.2	41.2	8.0	16.1	9.1
1975	326.1	85.6	240.5	142.7	23.3	49.7	26.2	73.7	43.8	7.1	15.2	21.0
1976	365.6	89.4	276.2	166.6	26.8	59.0	24.5	75.5	45.6	7.3	16.1	12.1
1976, TQ [5]	94.7	22.3	72.4	42.7	7.0	15.9	23.5	76.4	45.1	7.4	16.8	(X)
1977	401.9	97.5	304.4	181.7	30.0	68.4	24.3	75.7	45.2	7.5	17.0	9.9
1978, est.	462.2	107.6	354.6	196.9	35.2	80.3	23.3	76.7	42.6	7.6	17.4	15.0
CONSTANT (1972) DOLLARS												
1960	150.8	73.8	77.0	32.1	16.3	11.2	48.9	51.1	21.3	10.8	7.4	[4] −2.0
1965	173.3	69.3	104.0	40.1	16.7	15.7	40.0	60.0	23.1	9.6	9.1	2.8
1968	229.5	101.4	128.1	55.6	16.9	23.5	44.2	55.8	24.2	7.4	10.2	9.8
1969	223.1	97.9	125.3	60.9	15.5	24.2	43.9	56.2	27.3	6.9	10.8	−2.8
1970	220.8	90.3	130.5	65.1	15.0	27.0	40.9	59.1	29.5	6.8	12.2	−1.0
1971	223.0	81.2	141.8	77.2	15.2	29.5	36.4	63.6	34.6	6.8	13.2	1.0
1972	232.0	76.5	155.5	85.3	15.5	34.3	33.0	67.0	36.8	6.7	14.8	4.0
1973	233.2	70.0	163.2	92.2	15.4	39.5	30.0	70.0	39.5	6.6	16.9	.5
1974	231.9	67.9	164.0	98.0	14.4	37.7	29.3	70.7	42.3	6.2	16.3	−.6
1975	253.4	67.1	186.2	113.3	14.6	38.9	26.5	73.5	44.7	5.8	15.4	9.3
1976	265.8	65.5	200.3	123.6	16.4	43.1	24.6	75.3	46.5	6.2	16.2	4.9
1976, TQ [5]	66.7	15.9	50.8	30.6	4.1	11.2	23.8	76.2	45.9	6.1	16.8	(X)
1977	272.0	66.5	205.5	125.4	17.4	46.3	24.4	75.6	46.1	6.4	17.0	2.3
1978, est.	293.0	68.9	224.1	128.2	18.2	51.0	23.5	76.5	43.8	6.2	17.4	7.7

X Not applicable. [1] Includes other items, not shown separately. [2] Total interest less interest received by trust funds. [3] Includes small grants for national defense function, less than $100 million in any year. [4] Percent change from 1959; from previous year shown for all other years. Minus sign (−) denotes decrease. [5] Transition quarter, July–Sept.

No. 419. Federal Receipts and Expenditures in the National Income Accounts: 1960 to 1978

[**In billions of dollars.** For years ending **June 30** except, beginning 1977, ending **Sept. 30**; transition quarter **July–Sept. 1976**, omitted. Includes transactions of trust accounts]

Receipts and expenditures	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, [1]
Receipts, total	**94.8**	**120.0**	**194.9**	**213.5**	**240.4**	**271.9**	**283.2**	**314.1**	**364.0**	**410.8**
Personal tax and nontax receipts	42.5	51.4	93.6	100.3	107.3	122.6	127.3	137.2	165.5	185.5
Corporate profits tax accruals	22.3	27.1	33.0	34.2	41.0	43.8	41.6	52.2	57.4	63.1
Indirect business tax and nontax accruals	13.2	16.9	19.2	19.9	20.7	21.4	22.1	24.2	24.6	28.5
Contributions for social insurance	16.7	24.5	49.2	59.1	71.5	84.1	92.2	100.5	116.5	133.7
Expenditures, total [2]	**91.3**	**118.5**	**195.6**	**232.9**	**256.2**	**278.9**	**328.7**	**372.3**	**411.8**	**463.6**
Purchases of goods and services	52.9	64.6	97.0	100.9	101.7	104.6	117.9	126.5	140.7	158.4
National defense	44.5	47.9	75.3	72.5	73.3	74.1	80.3	85.8	92.0	99.8
Nondefense	8.4	16.6	21.7	28.4	28.4	30.5	37.6	40.7	48.7	58.6
Transfer payments	22.5	30.6	57.0	78.9	89.7	104.7	134.2	156.8	169.7	184.2
Domestic (to persons)	20.6	28.4	55.0	76.1	87.1	101.7	131.1	153.9	166.5	180.7
Foreign	1.8	2.2	2.0	2.8	2.7	3.0	3.1	3.0	3.2	3.5
Grants-in-aid to State and local governments	6.9	10.9	22.6	32.6	40.4	41.6	48.4	57.5	66.0	77.0
Net interest paid	6.8	8.2	13.6	14.1	15.9	19.8	21.9	25.4	29.3	34.5
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	6.4	9.1	8.0	5.7	6.1	6.1	9.5
Surplus (+) or deficit (−)	**+3.5**	**+1.5**	**−.6**	**−19.5**	**−15.7**	**−7.0**	**−45.0**	**−58.2**	**−47.8**	**−52.8**

[1] Estimated. [2] For some years, includes wage disbursements less accruals, not shown separately.

Source of tables 418 and 419: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 420. Federal Budget Receipts, by Major Source: 1960 to 1978

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July–Sept. 1976**, omitted. For basic data and explanation of terms, see table 424. See also *Historical Statistics, Colonial Times to 1970*, series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total receipts, by source	**92.5**	**116.8**	**193.7**	**188.4**	**208.6**	**232.2**	**264.9**	**281.0**	**299.2**	**356.9**	**400.4**
Individual income taxes	40.7	48.8	90.4	86.2	94.7	103.2	119.0	122.4	130.8	156.7	178.8
Corporation income taxes	21.5	25.5	32.8	26.8	32.2	36.2	38.6	40.6	41.4	54.9	58.9
Social insurance taxes and contributions	14.7	22.3	45.3	48.6	53.9	64.5	76.8	86.4	92.7	108.7	124.1
Employment taxes and contributions	11.2	17.4	39.1	41.7	46.1	54.9	65.9	75.2	79.9	92.2	104.0
Unemployment insurance	2.7	3.8	3.5	3.7	4.4	6.1	6.8	6.8	8.1	11.3	14.4
Other contributions	.8	1.1	2.7	3.2	3.4	3.6	4.1	4.5	4.8	5.2	5.7
Excise taxes	11.6	14.6	15.8	16.6	15.5	16.3	16.8	16.5	17.0	17.5	20.2
Estate and gift taxes	1.6	2.7	3.6	3.7	5.4	4.9	5.0	4.6	5.2	7.3	5.6
Customs duties	1.1	1.4	2.4	2.6	3.3	3.2	3.3	3.7	4.1	5.2	5.8
Miscellaneous receipts	1.2	1.6	3.4	3.9	3.6	3.9	5.4	6.7	8.0	6.5	6.9
PERCENT DISTRIBUTION											
Total receipts, by source	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	44.0	41.8	46.7	45.8	45.4	44.4	44.9	43.6	43.7	43.9	44.7
Corporation income taxes	23.2	21.8	16.9	14.2	15.4	15.6	14.6	14.5	13.8	15.4	14.7
Social insurance taxes and contributions	15.9	19.1	23.4	25.8	25.8	27.8	28.9	30.7	31.0	30.5	31.0
Employment taxes and contributions	12.1	14.9	20.1	22.1	22.1	23.6	24.9	26.8	26.7	25.8	26.0
Excise taxes	12.6	12.5	8.1	8.8	7.4	7.0	6.4	5.9	5.7	4.9	5.0
Customs, estate, and gift taxes	2.9	3.6	3.1	3.4	4.2	3.5	3.2	2.9	3.1	3.5	2.8
Miscellaneous receipts	1.3	1.4	1.8	2.0	1.7	1.7	2.0	2.4	2.7	1.8	1.7

No. 421. Executive/Legislative Controllability of Federal Budget Outlays: 1970 to 1978

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July–Sept. 1976**, omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments]

OUTLAYS	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total outlays	**196.6**	**211.4**	**232.0**	**247.1**	**269.6**	**326.1**	**365.6**	**401.9**	**462.2**
Relatively uncontrollable outlays	**125.8**	**140.4**	**153.5**	**173.1**	**194.6**	**237.6**	**267.1**	**293.6**	**344.7**
Percent of total outlays	64.0	66.4	66.2	70.0	72.2	72.9	73.1	73.1	74.6
Open-ended programs and fixed costs	84.3	100.2	114.3	133.5	150.8	186.9	216.2	238.3	265.3
Payments for individuals	62.3	77.3	88.5	99.6	115.4	148.9	173.7	189.5	205.5
Social security and railroad retirement	31.3	37.2	41.5	50.7	57.6	68.4	76.2	87.7	97.2
Federal employees' retirement and insurance [1]	5.6	6.6	7.7	9.0	10.8	13.3	15.6	17.8	20.1
Unemployment assistance	3.7	6.6	7.5	5.7	6.5	14.0	19.8	15.8	13.0
Veterans' benefits	6.6	7.6	8.3	9.3	10.0	12.4	13.9	12.9	12.9
Medicare and Medicaid	9.9	11.2	13.4	14.1	17.2	21.6	26.3	31.4	36.5
Housing payments	.5	.7	1.1	1.6	1.8	2.1	2.5	2.9	3.7
Public assistance and related programs	4.7	7.4	8.9	9.1	11.5	17.1	19.4	20.9	22.2
Net interest	14.4	14.8	15.5	17.4	21.5	23.3	26.8	30.0	35.2
General revenue sharing	(X)	(X)	(X)	6.6	6.1	6.1	6.2	6.8	6.8
Farm price supports [2]	3.8	2.8	4.0	3.6	1.0	.6	.6	3.5	7.4
Other	3.8	5.2	6.4	6.3	6.8	8.0	8.8	8.6	10.3
Prior-year contracts and obligations [3]	41.5	40.2	39.2	39.6	43.8	50.7	50.9	55.3	79.3
National defense	24.1	21.1	19.4	17.7	20.4	22.3	17.9	18.5	29.9
Civilian programs	17.4	19.1	19.9	21.9	23.4	28.4	33.0	36.8	49.4
Relatively controllable outlays	**73.3**	**73.7**	**81.2**	**76.9**	**78.4**	**92.5**	**102.8**	**112.9**	**122.6**
National defense	51.6	51.3	53.2	52.5	52.2	57.0	64.2	70.8	68.4
Civilian programs	21.7	22.4	28.0	24.5	26.2	35.5	38.7	42.1	54.2
Undistributed employer share, employee retirement	−2.4	−2.6	−2.8	−2.9	−3.3	−4.0	−4.2	−4.5	−5.0

X Not applicable. [1] Includes military retirement pay. [2] Prices from Commodity Credit Corp.
[3] Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source of tables 420 and 421: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 422. Federal Budget Outlays, by Function: 1960 to 1978

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. See table 424 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

FUNCTION	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total budget outlays	92.2	118.4	196.6	211.4	232.0	247.1	269.6	326.1	365.6	401.9	462.2
National defense	45.2	47.5	78.6	75.8	76.6	74.5	77.8	85.5	89.4	97.5	107.6
Human resources	25.5	35.4	73.4	89.8	104.6	116.5	132.2	168.7	197.2	214.8	238.3
Income security	18.3	25.7	43.1	55.4	63.9	73.0	84.4	108.6	126.6	137.0	147.6
Health	.8	1.8	13.1	14.7	17.5	18.8	22.1	27.6	33.4	38.8	44.3
Veterans benefits and services	5.4	5.7	8.7	9.8	10.7	12.0	13.4	16.6	18.4	18.0	18.9
Education, training, employment [1]	1.0	2.1	8.6	9.8	12.5	12.7	12.3	15.8	18.7	21.0	27.5
Other nondefense	21.4	35.5	44.8	45.6	51.0	56.2	59.5	71.9	79.0	89.7	116.2
Commerce and housing credit	1.6	1.1	2.1	2.3	2.2	.9	3.9	5.6	3.8	(Z)	3.5
Transportation	4.1	5.8	7.0	8.1	8.4	9.1	9.2	10.4	13.4	14.6	16.3
Natural resources and environment	1.6	2.5	3.0	3.9	4.2	4.7	5.7	7.3	8.1	10.0	12.1
Energy	.5	.7	1.0	1.0	1.3	1.2	.8	2.2	3.1	4.2	7.8
Community and regional development	.2	1.1	2.4	2.8	3.4	4.6	4.1	3.7	4.7	6.3	9.7
Agriculture	2.6	3.9	5.2	4.3	5.3	4.9	2.2	1.7	2.5	5.5	9.1
Net interest	6.9	8.6	14.4	14.8	15.5	17.4	21.5	23.3	26.8	30.0	35.2
Revenue sharing [2]	.2	.2	.5	.5	.7	7.4	6.9	7.2	7.2	9.5	9.9
International affairs	3.0	5.2	4.3	4.1	4.7	4.0	5.6	6.9	5.6	4.8	6.7
General science, space, technology	.6	5.8	4.5	4.2	4.2	4.0	4.0	4.0	4.4	4.7	4.8
General government	1.0	1.5	1.9	2.2	2.5	2.7	3.3	3.1	3.0	3.4	4.1
Administration of justice	.4	.5	1.0	1.3	1.7	2.1	2.5	2.9	3.3	3.6	4.0
Undistributed offsetting receipts	−1.2	−1.4	−2.6	−3.7	−3.0	−6.9	−10.1	−6.4	−6.9	−6.9	−7.0
PERCENT DISTRIBUTION											
Total outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
National defense	49.0	40.1	40.0	35.9	33.0	30.1	28.9	26.2	24.5	24.3	23.3
Income security	19.8	21.7	21.9	26.2	27.5	29.5	31.3	33.3	34.6	34.1	31.9
Health	.9	1.5	6.7	7.0	7.5	7.6	8.2	8.5	9.1	9.7	9.6
Veterans benefits and services	5.9	4.8	4.4	4.6	4.6	4.9	5.0	5.1	5.0	4.5	4.1
Education, training, employment [1]	1.1	1.8	4.4	4.6	5.4	5.1	4.6	4.8	5.1	5.2	5.9
Commerce and housing credit	1.7	.9	1.1	1.1	.9	.4	1.4	1.7	1.0	(Z)	.8
Transportation	4.4	4.9	3.6	3.8	3.6	3.7	3.4	3.2	3.7	3.6	3.5
Natural resources and environment	1.7	2.1	1.5	1.8	1.8	1.9	2.1	2.2	2.2	2.5	2.6
Energy	.5	.6	.5	.5	.6	.5	.3	.7	.8	1.0	1.7
Community and regional development	.2	.9	1.2	1.3	1.5	1.9	1.5	1.1	1.3	1.6	2.1
Agriculture	2.8	3.3	2.6	2.0	2.3	2.0	.8	.5	.7	1.4	2.0
Net interest	7.5	7.3	7.3	7.0	6.7	7.0	8.0	7.1	7.3	7.5	7.6
Revenue sharing [2]	.2	.2	.3	.2	.3	3.0	2.6	2.2	2.0	2.4	2.1
International affairs	3.3	4.4	2.2	1.9	2.0	1.6	2.1	2.1	1.5	1.2	1.4
General science, space, and technology	.7	4.9	2.3	2.0	1.8	1.6	1.5	1.2	1.2	1.2	1.0
General government	1.1	1.3	1.0	1.0	1.1	1.1	1.2	1.0	.8	.8	.9
Administration of justice	.4	.4	.5	.6	.7	.8	.9	.9	.9	.9	.9
Undistributed offsetting receipts	−1.3	−1.2	−1.3	−1.8	−1.3	−2.8	−3.7	−2.0	−1.9	−1.7	−1.5

Z Less than $50 million and .05 percent. [1] Includes social services. [2] Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 423. Government Sector Receipts and Expenditures in the National Income Accounts: 1960 to 1978

[In billions of dollars. Minus sign (−) denotes deficit]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total government: [1]											
Receipts	139.5	188.3	302.6	322.2	367.4	411.2	455.1	468.0	535.9	600.8	(NA)
Expenditures	136.4	187.8	311.9	340.5	370.9	404.9	458.2	532.3	571.5	621.1	(NA)
Surplus or deficit	3.1	.5	−9.4	−18.3	−3.5	6.3	−3.2	−64.3	−35.6	−20.3	(NA)
Federal Government: [1]											
Receipts	96.1	124.3	192.1	198.6	227.5	258.3	288.6	286.9	332.3	373.9	421.5
Expenditures	93.1	123.8	204.2	220.6	244.7	265.0	299.3	357.1	386.3	423.4	476.4
Surplus or deficit	3.0	.5	−12.1	−22.0	−17.3	−6.7	−10.7	−70.2	−54.0	−49.5	−54.9
State and local govt.: [1] [2]											
Receipts	49.9	75.1	134.9	152.6	177.4	193.5	210.4	235.7	264.7	294.4	(NA)
Expenditures	49.8	75.1	132.2	148.9	163.7	180.5	202.8	229.8	246.2	265.2	(NA)
Surplus or deficit	.1	(−Z)	2.8	3.7	13.7	13.0	7.6	5.9	18.4	29.2	(NA)

NA Not available. Z Less than $50 million. [1] Federal grants-in-aid to State and local government are included in Federal expenditures and State and local receipts. Total government data have been adjusted to eliminate this duplication. [2] See table 481 for more detail.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July 1977 and February 1978.

No. 424. Federal Budget—Receipts, by Source, and Outlays, by Detailed Function: 1975 to 1978

[**In billions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July–Sept. 1976**, omitted. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers all Federal agencies and programs and both Federal funds and trust funds (see p. 253). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335–338, Y 343–351, and Y 472–487 for related data]

SOURCE OR FUNCTION	1975	1976	1977 [1]	1978, est.
Surplus or deficit (−)	−45.1	−66.4	−45.0	−61.8
BY SOURCE				
Total receipts [2]	281.0	299.2	356.9	400.4
Individual income taxes	122.4	130.8	156.7	178.8
Corporation income taxes	40.6	41.4	54.9	58.9
Social insurance taxes and contributions	86.4	92.7	108.7	124.1
Employment taxes and contributions	75.2	79.9	92.2	104.0
Unemployment insurance	6.8	8.1	11.3	14.4
Contributions for other insur. and retirement	4.5	4.8	5.2	5.7
Excise taxes	16.6	17.0	17.5	20.2
Estate and gift taxes	4.6	5.2	7.3	5.6
Customs duties	3.7	4.1	5.2	5.8
Miscellaneous receipts	6.7	8.0	6.5	6.9
BY FUNCTION				
Total outlays [2]	326.1	365.6	401.9	462.2
National defense [2]	85.6	89.4	97.5	107.6
Dept. of Defense, military	85.0	88.0	95.7	105.3
Atomic energy defense activities	1.5	1.6	1.9	2.3
Defense related activ.	−.9	−.1	−.1	(Z)
Income security	108.6	126.6	137.0	147.6
General retirement and disability insurance	69.4	77.2	88.6	98.2
Federal employee retirement and disability	7.0	8.2	9.5	10.8
Unemployment insurance	13.5	19.5	15.3	12.4
Public assist. and other income supplements	18.8	21.8	23.6	26.3
Health [2]	27.6	33.4	38.8	44.3
Health care services	23.4	28.7	34.5	39.9
Health research and ed.	2.7	3.1	2.5	2.7
Education and training of health care workforce	.9	1.0	1.0	.8
Consumer and occupational health and safety	.6	.7	.7	.8
Veterans benefits and services [2]	16.6	18.4	18.0	18.9
Income security	7.9	8.4	9.2	9.7
Education, training, and rehabilitation	4.6	5.5	3.7	3.1
Hospital and med. care	3.7	4.0	4.7	5.4
Housing	(Z)	−.1	−.1	(−Z)
Educ., training, employ., and social services [2]	15.9	18.7	21.0	27.5
Elementary, secondary, and vocational educ.	4.6	4.7	5.1	5.7
Higher education	2.1	2.7	3.1	3.8
Research and general education aids	.9	.8	.9	1.2
Training, employment	4.1	6.3	6.9	10.5
Social services	3.9	4.0	4.6	5.5
Commerce and housing credit	5.6	3.8	(Z)	3.5
Mortgage credit and thrift insurance	2.8	1.2	−3.3	.5
Payment to Postal Serv	1.9	1.7	2.3	1.8
Other commerce	.9	.9	1.1	1.3

FUNCTION	1975	1976	1977 [1]	1978, est.
Total outlays [2]—Con.				
Transportation	10.4	13.4	14.6	16.3
Ground transportation	6.5	9.3	10.0	11.1
Air transportation	2.4	2.6	2.8	3.3
Water transportation	1.5	1.6	1.7	1.9
Natural resources and environment [2]	7.3	8.1	10.0	12.1
Water resources	2.7	2.8	3.2	3.7
Conservation and land management	1.3	1.2	1.3	2.1
Recreational resources	.8	.9	1.0	1.3
Pollution control and abatement	2.5	3.1	4.3	4.9
Other natural resources	.8	.9	1.0	1.2
Energy [2]	2.2	3.1	4.2	7.8
Community and regional development [2]	4.4	5.3	6.3	9.7
Community develop.	3.1	3.5	3.5	4.0
Area and regional dev.	.9	1.3	2.1	4.0
Disaster relief and insurance	.4	.5	.6	1.7
Agriculture	1.7	2.5	5.5	9.1
Farm income stabilization	.8	1.6	4.5	7.9
Research and services	.9	.9	1.1	1.2
Interest	31.0	34.6	38.1	43.8
On the public debt	32.7	37.1	41.9	48.6
Other	−1.7	−2.5	−3.8	−4.8
General revenue sharing	6.1	6.2	6.8	6.8
Other general purpose fiscal assistance	1.1	1.0	2.7	3.0
International affairs [2]	6.9	5.6	4.8	6.7
Foreign economic and financial assistance	3.7	3.6	4.2	5.3
Military assistance	1.9	1.1	.5	.5
Conduct of foreign affairs	.7	.7	1.0	1.1
Foreign information and exchange	.3	.4	.4	.4
General science, space, and technology [2]	4.0	4.4	4.7	4.8
General science and basic research [3]	1.0	1.0	1.1	1.2
Space flight	1.7	2.0	2.3	2.2
Space science, applications and technology	1.0	1.0	1.0	1.0
General government [2]	3.1	2.9	3.4	4.1
Legislative functions	.6	.7	.8	.9
Management, direction	.1	.1	.1	.1
Central fiscal operations	1.8	1.8	1.9	2.2
Gen. property and records management	.4	.1	.1	.4
Administration of justice	2.9	3.3	3.6	4.0
Fed. law enforcement	1.6	1.9	1.7	1.9
Fed. judicial activities	.3	.3	.8	1.0
Federal correctional activities	.2	.2	.2	.3
Criminal justice assistance	.9	.9	.8	.8
Undistributed offsetting receipts	−14.1	−14.7	−15.1	−15.6
Employer share, employee retirement	−4.0	−4.2	−4.5	−5.0
Interest received by trust funds	−7.7	−7.8	−8.1	−8.6
Rents and royalties [4]	−2.4	−2.7	−2.4	−2.0

Z Less than $50 million. [1] For summaries of missing transition quarter (July–Sept. 1976) data, see tables 416 and 418. [2] Totals reflect interfund and intragovernmental transactions and applicable receipts, and other functions, not shown separately. [3] Includes Earth sciences. [4] On Outer Continental Shelf.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 425. Federal Trust Fund Receipts and Outlays: 1965 to 1978

[**In billions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter **July-Sept. 1976**, omitted. Receipts based on collections received and deposited. Outlays stated on a checks issued basis, less refunds collected. See p. 253 for a definition of trust funds]

DESCRIPTION	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total receipts [1]	**29.2**	**59.4**	**66.2**	**73.0**	**92.2**	**104.8**	**118.6**	**133.7**	**152.8**	**168.5**
OASDI [2] trust funds	17.6	36.1	38.9	43.2	49.6	57.7	66.7	70.7	81.2	89.8
Health insurance trust funds	(X)	7.5	8.5	8.8	11.3	15.4	16.9	18.5	22.8	27.5
State and local govt. fiscal assistance trust funds, deposits for gen. revenue sharing	(X)	(X)	(X)	(X)	8.3	6.1	6.2	6.4	6.7	6.9
Unemployment insurance funds	4.1	4.1	4.3	5.4	6.7	7.5	8.2	16.2	15.0	15.4
Railroad employees retirement funds	1.3	1.7	1.9	2.0	2.3	2.6	2.8	3.3	3.6	4.0
Federal employees retirement funds	2.7	4.7	5.9	6.8	7.6	9.0	11.5	13.2	16.7	17.9
Airport and airway trust funds	(X)	(X)	1.2	1.6	.8	.9	1.1	1.1	1.4	1.5
Highway trust funds	3.7	5.5	5.7	5.5	5.9	6.7	6.8	6.0	7.3	7.7
Foreign military sales trust funds	.8	.8	1.0	1.1	1.7	3.2	4.4	7.3	9.4	8.7
Veterans life insurance funds	.7	.8	.8	.8	.8	.9	.9	.9	1.0	1.0
Total outlays [3]	**27.0**	**49.1**	**59.4**	**67.1**	**81.4**	**90.8**	**111.2**	**131.3**	**143.3**	**158.2**
OASDI [2] trust funds	17.5	30.3	35.9	40.2	49.1	55.9	64.7	73.9	85.1	94.7
Health insurance trust funds	(X)	7.1	7.9	8.8	9.5	11.3	14.8	17.8	21.5	25.6
State and local govt. fiscal assistance trust funds, payments for general revenue sharing	(X)	(X)	(X)	(X)	6.6	6.1	6.1	6.2	6.8	6.8
Unemployment insurance funds	3.0	3.6	6.1	6.9	5.4	6.2	13.2	17.9	14.1	11.8
Railroad employees retirement funds	1.1	1.6	1.9	2.1	2.4	2.7	3.1	3.5	3.8	4.1
Federal employees retirement funds	1.4	2.8	3.3	3.8	4.6	5.7	7.1	8.4	9.7	11.0
Airport and airway trust funds	(X)	(X)	.3	1.4	.7	.5	.6	.5	.9	1.1
Highway trust funds	4.0	4.4	4.7	4.7	4.8	4.6	4.8	6.5	6.1	6.8
Foreign military sales trust funds	.7	1.0	1.0	1.2	1.4	2.7	3.5	6.7	8.2	8.5
Veterans life insurance funds	.6	.8	.7	.8	.6	.7	.8	.7	.8	.8

X Not applicable.

[1] Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately.

[2] Old-age, survivors, and disability insurance.

[3] Includes deductions for intrafund transactions and proprietary receipts from public, receipts from off-budget Federal agencies, and trust revolving funds on net basis (outlays less receipts).

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 426. Federal Government Trust Fund Balances: 1970 to 1978

[**In billions of dollars.** As of **June 30** except, beginning **1977**, as of **Sept. 30**. Balances are that portion of funds authorized for use which have not been spent. Amounts include both open-book balances with Treasury and investments in U.S. securities. Part of the balances is obligated, part unobligated. The balances on an authorization basis exceed the cash balances because, for a few accounts, budget authority is not the same as receipts. See text, p. 253, for discussion of the budget concept and of trust funds.

TRUST FUND	1970	1972	1973	1974	1975	1976	1977	1978, est.
Total	**97.2**	**110.0**	**121.1**	**135.2**	**142.6**	**145.0**	**152.5**	**162.8**
Federal old-age, survivors, and disability insurance trust funds	37.7	40.8	44.3	46.1	48.2	44.9	39.6	34.6
Health insurance trust funds	2.7	3.3	5.1	9.2	11.3	12.0	13.4	15.3
State and local govt. fiscal assistance trust funds	–	–	1.7	1.7	1.7	1.8	1.8	1.8
Unemployment trust fund	13.1	9.8	11.1	12.4	7.4	5.7	6.5	10.1
Railroad retirement accounts	4.8	4.8	4.6	4.6	4.3	4.0	3.2	3.1
Federal employees retirement funds	22.5	28.1	31.2	34.5	38.8	43.7	49.9	56.8
Airport and airway trust fund	–	1.1	1.2	1.5	2.0	2.6	3.3	3.7
Highway trust funds	2.6	4.5	5.6	7.7	9.6	9.1	10.2	11.1
Foreign military sales trust fund	.5	.4	.7	1.2	2.1	2.7	4.6	4.8
Veterans life insurance funds	7.1	7.2	7.4	7.6	7.7	7.8	8.0	8.3
Other trust funds (nonrevolving)	.6	.6	.7	.7	.7	.8	.9	1.1
Trust revolving funds	5.5	6.5	7.6	8.1	8.9	9.9	11.2	12.2

– Represents zero.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 427. Budget Outlays, by Agency: 1970 to 1978

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July-Sept. 1976**, omitted]

DEPARTMENT OR OTHER UNIT	1970	1972	1973	1974	1975	1976	1977	1978, est.
Total	**196,588**	**232,021**	**247,074**	**269,620**	**326,092**	**365,643**	**401,902**	**462,234**
Legislative branch	343	487	540	625	726	775	976	1,057
The Judiciary	128	173	183	205	284	325	392	458
Executive Office of the President	36	54	49	66	93	79	73	78
Funds appropriated to President	2,904	3,235	2,864	3,484	3,988	3,525	2,487	4,916
Departments:								
Agriculture	8,301	10,935	10,028	9,767	9,722	12,796	16,738	22,625
Commerce	1,079	1,250	1,368	1,455	1,583	2,020	2,606	4,524
Defense—Military	77,150	75,151	73,297	77,625	85,020	88,036	95,650	105,300
Defense—Civil	1,210	1,530	1,703	1,682	2,051	2,124	2,280	2,536
Energy [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5,217	8,152
Health, Education, and Welfare	52,670	72,352	82,340	93,744	112,411	128,785	147,455	164,595
Housing and Urban Develop	2,603	3,642	3,592	4,786	7,475	7,064	5,838	8,411
Interior	992	1,518	1,668	1,779	2,139	2,293	3,194	3,904
Justice	640	1,180	1,531	1,797	2,067	2,242	2,350	2,527
Labor	5,194	10,065	8,668	8,966	17,649	25,727	22,374	23,742
State	448	536	591	735	829	1,062	1,076	1,247
Transportation	6,412	7,524	8,176	8,104	9,247	11,936	12,514	14,395
Treasury	19,509	22,124	30,960	35,993	41,177	43,527	49,560	56,688
Independent agencies:								
ERDA [1]	2,459	2,384	2,386	2,308	3,165	3,759	(1)	(1)
Environmental Protection Agcy	384	763	1,114	2,030	2,530	3,118	4,365	5,063
General Services Admin	431	577	536	−433	−624	−92	−31	289
National Aero. and Space Admin	3,749	3,422	3,311	3,252	3,267	3,670	3,944	3,982
Veterans Administration	8,653	10,710	11,968	13,337	16,575	18,415	18,019	18,898
Other independent agencies	7,860	10,546	12,519	14,964	18,795	19,160	19,878	24,467
Undistributed offsetting receipts	−6,567	−8,137	−12,318	−16,651	−14,075	−14,704	−15,053	−15,619

NA Not available. [1] Energy Research and Develop. Admin. was succeeded by Dept. of Energy.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 428. Federal Participation in Domestic Credit Markets: 1965 to 1976

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July-Sept. 1976**, omitted]

TYPE OF PARTICIPATION	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total funds advanced in U.S. credit markets, including equities [1]	**69.3**	**93.6**	**124.9**	**164.3**	**205.4**	**193.1**	**180.9**	**242.6**	**317.5**
Advanced under Federal auspices [2]	8.9	17.4	16.5	22.8	26.7	26.6	26.9	26.9	36.6
Federal participation rate (percent)	13.0	18.6	13.2	13.9	13.0	13.8	14.9	11.0	11.5
Direct loans: On-budget	2.7	4.5	3.0	2.7	.3	2.2	4.3	4.2	2.6
Off-budget	–	–	–	.2	.7	2.2	8.5	6.7	9.0
Guaranteed loans	4.9	2.3	12.2	15.6	14.0	6.2	5.7	10.3	14.1
Sponsored agency loans [3]	1.3	10.6	1.3	4.3	11.6	16.3	8.5	5.4	11.0
Total funds raised in U.S. credit markets [1]	**69.3**	**93.6**	**124.9**	**164.3**	**205.4**	**193.1**	**180.9**	**242.6**	**317.5**
Raised under Federal auspices [2]	10.2	16.4	32.3	39.7	46.4	24.1	64.7	97.5	78.9
Federal participation rate (percent)	15.0	17.5	25.9	24.2	22.6	12.5	35.8	40.2	24.9
Federal borrowing from public	4.1	3.8	19.4	19.4	19.3	3.0	50.9	82.9	53.5
Guaranteed borrowing	4.9	2.3	12.2	15.6	14.0	6.2	5.7	10.3	14.1
Sponsored agency borrowing [3]	1.2	10.3	.6	4.7	13.2	14.8	8.2	4.3	11.4

– Represents zero. [1] Nonfinancial sectors. [2] Estimated. [3] See table 872.

No. 429. Federal Direct and Guaranteed Loans: 1970 to 1978

[**In billions of dollars.** As of **June 30** except, beginning **1977**, as of **Sept. 30**. Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays; they constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies]

LOAN STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Direct loans: [1]									
Net loan outlays	3.6	2.0	2.9	1.0	4.4	12.8	10.9	11.5	19.1
Gross (new) loans disbursed	12.4	12.1	13.8	15.7	15.8	28.8	34.5	35.4	46.2
Direct loans outstanding	51.1	53.2	56.1	57.1	61.5	74.3	85.9	100.9	120.0
Guaranteed loans: [2]									
Net loans guaranteed	9.4	15.2	18.8	16.6	10.3	8.6	11.1	13.5	16.4
Gross loans guaranteed	(NA)	(NA)	(NA)	(NA)	31.8	31.1	31.8	43.3	47.5
Guaranteed loans outstanding	119.5	134.7	153.5	170.1	180.4	189.0	200.7	214.1	230.5

NA Not available. [1] Includes loans from "off-budget" Government accounts. One of these is the Federal Financing Bank which buys or originates loans guaranteed by other Federal agencies. [2] Excludes guaranteed loans held by both on-budget and off-budget Government accounts but includes those held by Government-sponsored enterprises. See table 872 for sponsored enterprises.

Source of tables 428 and 429: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

No. 430. Federal Domestic Transfer Payments, by Function: 1965 to 1978

[In billions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Federal domestic transfer payments consist generally of monetary income received by individuals or nonprofit institutions in the United States for which no current services are rendered. Payments for retirees out of the social security trust fund are transfer payments]

PROGRAM FUNCTION	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978, est.
Total	**28.3**	**42.7**	**48.7**	**55.0**	**67.7**	**76.1**	**87.1**	**101.7**	**131.1**	**153.9**	**166.5**	**180.7**
Percent of total outlays	23.9	23.9	26.4	28.0	32.0	32.8	35.2	37.7	40.2	42.1	41.4	39.1
Income security	21.5	28.5	32.3	36.7	46.7	52.8	61.7	72.8	95.2	112.2	120.4	129.1
Social security (OASDI)	16.4	22.5	25.8	28.6	34.0	38.0	46.6	53.2	61.5	70.3	81.2	90.3
Railroad retirement	1.1	1.4	1.5	1.6	1.9	2.1	2.4	2.6	3.0	3.4	3.7	4.0
Civil service retirement	1.4	2.1	2.4	2.7	3.2	3.7	4.5	5.6	7.0	8.2	9.4	10.8
Unemployment benefits	2.5	2.2	2.2	3.0	5.6	6.5	4.8	5.5	12.2	18.2	14.1	11.3
Benefits for coal miners	(X)	(X)	(X)	(Z)	.3	.4	.9	1.0	.9	1.0	.9	1.0
Supplemental security income	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1.9	4.2	4.6	4.7	4.8
Food and nutrition	(Z)	.2	.2	.6	1.5	1.8	2.2	2.7	4.2	4.8	4.6	4.8
Special payments, Treasury	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[1] 1.7	[1] .9	.9	1.2
Other	.1	.1	.2	.2	.3	.3	.3	.4	.5	.7	.8	.9
Health	.3	5.4	6.6	7.2	7.9	8.8	9.4	11.4	14.5	17.4	21.3	25.1
Medicare	(X)	5.0	6.2	6.7	7.5	8.3	9.0	10.9	14.0	16.8	20.6	24.4
Other	.3	.3	.3	.4	.4	.4	.4	.4	.5	.6	.7	.7
Education, training, employment, and social services	.2	1.0	1.0	1.3	1.5	1.7	1.7	1.7	1.9	2.4	3.0	3.6
Education	.1	.4	.4	.5	.7	.9	1.0	1.0	1.5	2.1	2.7	3.2
Training, employment, and social services	.1	.6	.7	.7	.9	.9	.7	.7	.4	.3	.3	.4
Veterans benefits	4.7	5.6	6.2	6.9	8.0	8.8	9.7	10.4	12.8	14.3	13.8	13.2
Retired pay for military	1.2	2.1	2.4	2.8	3.3	3.8	4.3	5.1	6.2	7.2	8.1	9.1
All other	.4	.1	.2	.2	.2	.2	.2	.4	.5	.6	.5	.6

X Not applicable. Z Less than $50 million. [1] Includes the $50 tax rebate and the earned income credit to the extent that tax credits exceed tax liabilities otherwise owed.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 431. Property of the Federal Government: 1960 to 1972

[In billions of dollars. As of June 30. Figures are acquisition costs]

PROPERTY AND FUNCTION	1960	1962	1964	1966	1968	1970	1972
Total	**276.0**	**299.4**	**323.9**	**347.0**	**399.7**	**435.6**	**454.5**
Personal property	**200.1**	**213.3**	**230.1**	**244.4**	**286.9**	**305.4**	**313.2**
Cash	8.9	11.2	11.7	13.6	10.1	11.8	14.9
Investments (other than public debt)	5.4	5.7	5.9	7.6	4.6	6.2	4.5
Accounts and notes receivable	5.1	4.5	5.2	6.2	5.9	7.0	7.5
Materials and supplies and work in process	9.6	9.9	9.9	9.2	9.1	8.7	8.1
Loans receivable	22.8	26.9	30.3	31.7	59.2	56.9	61.7
Machinery and equipment	11.4	12.2	13.5	14.6	15.5	16.7	16.9
Other assets	16.6	15.0	18.4	17.4	19.9	25.2	22.6
Department of Defense and Corps of Engineers [1]	120.4	127.9	135.2	144.0	162.5	172.9	177.0
Real property	**75.8**	**86.1**	**93.8**	**102.6**	**112.9**	**130.2**	**141.3**
Land and improvements	60.2	68.4	74.8	81.2	85.7	90.8	98.5
Department of Defense	36.8	41.5	43.6	46.1	47.6	50.6	52.4
Other	23.4	26.9	31.2	35.2	38.1	40.1	46.0
Public domain	15.6	17.7	19.0	21.3	27.1	39.4	42.7
MAJOR FUNCTION							
National defense	174.8	186.2	196.9	208.5	231.1	245.1	248.0
International affairs and finance	21.0	20.6	23.0	26.4	32.0	36.7	36.4
Space research and technology	.5	1.0	2.0	3.8	4.8	6.5	7.8
Agriculture and rural development	13.8	12.2	15.0	12.8	17.1	16.5	17.0
Natural resources	33.0	37.9	42.2	46.8	56.1	71.5	80.0
Commerce and transportation	10.3	9.5	10.6	11.2	12.2	13.7	14.0
Community development and housing	4.5	5.2	4.9	4.6	13.6	8.4	9.5
Education and manpower	.9	3.9	4.7	6.1	7.8	8.6	9.8
Veterans benefits and services	1.6	3.8	3.9	3.4	5.8	6.3	6.2
Health, income security, and general government	15.5	19.1	20.6	23.4	19.2	22.5	26.0

[1] Includes equipment, supplies, stock, inventories, etc.

Source: U.S. Congress, House Committee on Government Operations, *Federal Real and Personal Property Inventory Report*, biennial. (Discontinued in 1972.)

No. 432. Revenue Losses (Tax Expenditures) Due to Federal Tax Laws: 1975 to 1977

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Tax expenditures are the estimated revenue losses attributable to provisions of the Federal tax laws which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of tax liability. Estimates of each tax expenditure are made independently of any other tax provision. If 2 or more items were eliminated simultaneously, resulting revenue change might be larger or smaller than the sum of estimates shown for individual items. Change in tax rates or other basic tax provisions would affect estimates for individual items. Therefore, totals give only estimated orders of magnitude. Year-to-year differences in estimates of particular items may be due to changes in tax law or revised estimating techniques]

BUDGET FUNCTION AND ITEM	1975	1976			1977 [1]		
		Total	Corporations	Individuals	Total	Corporations	Individuals
National defense:							
Exclusion of benefits and allowances to Armed Forces personnel	650	1,020	(x)	1,020	1,095	(x)	1,095
Exclusion of military disability pensions	70	90	(x)	90	105	(x)	105
International affairs:							
Exclusion of income earned abroad by U.S. citizens	130	145	(x)	145	545	(x)	545
Deferral of income of domestic international sales corporations (DISC)	1,130	1,220	1,220	(x)	945	945	(x)
Deferral of income of controlled foreign corporations	590	525	525	(x)	570	570	(x)
Special rate for Western Hemisphere trade corp.	50	50	50	(x)	35	35	(x)
General science, space, and technology:							
Expensing of R and D expenditures	635	1,350	1,325	25	1,425	1,395	30
Energy:							
Expensing of exploration and development costs	620	800	640	160	1,030	820	210
Excess of percentage over cost depletion	2,475	1,295	1,010	285	1,395	1,090	305
Capital gain treatment of royalties on coal	(NA)	(NA)	(NA)	(NA)	55	10	45
Natural resources and environment:							
Exclusion of interest on State and local government pollution control bonds	110	160	110	50	255	170	85
Exclusion of payments in aid of construction of water and sewage utilities	(x)	(x)	(x)	(x)	15	15	(x)
Pollution control facilities: 5-year amortization	30	10	10	(x)	−80	−80	(x)
Capital gain treatment of certain timber income	205	385	290	95	240	185	55
Capital gain treatment of iron ore	(NA)	(NA)	(NA)	(NA)	10	5	5
Agriculture:							
Expensing of certain capital outlays	610	540	85	455	455	80	375
Capital gain treatment of certain ordinary income	485	325	10	315	340	10	330
Deductibility of noncash patronage dividends and certain other items of cooperatives	(NA)	255	410	−155	290	455	−165
Commerce and housing credit:							
Dividend exclusion	315	430	(x)	430	450	(x)	450
Exclusion of interest on State and local industrial development bonds	175	225	150	75	290	195	95
Exemption of credit union income	115	145	145	(x)	70	70	(x)
Financial institutions: Excess bad debt reserves	880	485	485	(x)	535	535	(x)
Deductibility of—							
Mortgage interest on owner-occupied homes	5,405	4,870	(x)	4,870	4,490	(x)	4,490
Property tax on owner-occupied homes	4,510	4,030	(x)	4,030	4,205	(x)	4,205
Interest on consumer credit	1,185	2,105	(x)	2,105	1,785	(x)	1,785
Expensing of construction period interest and taxes	1,510	630	415	215	625	475	150
Excess first-year depreciation	275	180	40	140	185	45	140
Depreciation on rental housing in excess of straight line	520	505	100	405	400	80	320
Depreciation on buildings (other than rental housing) in excess of straight line	440	425	225	200	300	160	140
Asset depreciation range	1,405	1,590	1,435	155	2,055	1,955	100
Capital gains (other than farming, timber, iron ore, and coal)	5,785	7,865	545	7,320	7,430	520	6,910
Deferral of capital gains on home sales	805	845	(x)	845	890	(x)	890
Capital gains at death	6,450	6,720	(x)	6,720	7,280	(x)	7,280
Corporate surtax exemption	3,345	4,170	4,170	(x)	3,875	3,875	(x)
Investment credit	5,810	9,495	7,685	1,810	10,955	8,880	2,075
Credit for purchase of new home	(x)	650	(x)	650	100	(x)	100
Transportation:							
Deductibility of nonbusiness State gasoline taxes	820	710	(x)	710	685	(x)	685
Railroad rolling stock: 5-year amortization	55	−25	−25	(x)	−35	−35	(x)
Deferral of tax on shipping companies	70	110	110	(x)	130	130	(x)
Community and regional development:							
Housing rehabilitation: 5-year amortization	115	40	15	25	25	10	15
Education, training, employment, and social services:							
Exclusion of scholarships and fellowship income	200	195	(x)	195	245	(x)	245
Parental personal exemptions for students age 19 and over	670	720	(x)	720	750	(x)	750

See footnotes at end of table.

No. 432. Revenue Losses (Tax Expenditures) Due to Federal Tax Laws: 1975 to 1977—Continued

[In millions of dollars. See headnote, p. 265]

Budget function and item	1975	1976			1977 [1]		
		Total	Corporations	Individuals	Total	Corporations	Individuals
Education, training, employment, and social services:—Continued							
Exclusion of employee meals and lodging (other than military)	265	310	(x)	310	280	(x)	280
Exclusion of contributions to prepaid legal services plans	(x)	(x)	(x)	(x)	5	(x)	5
Investment credit for employee stock ownership plans (ESOP)	(x)	25	25	(x)	245	245	(x)
Deductibility of charitable contributions to—							
Education	645	700	190	510	760	235	525
Other than education and health	3,725	3,285	265	3,020	4,225	290	3,935
Maximum tax on personal service income	400	480	(x)	480	555	(x)	555
Credit for child and dependent care expenses	295	290	(x)	290	475	(x)	475
Credit for employment of public assistance recipients under work-incentive programs	10	10	10	(x)	15	15	(x)
Jobs credit	(x)	(x)	(x)	(x)	690	565	125
Health:							
Exclusion of employer contributions to medical insurance premiums and medical care	3,275	4,490	(x)	4,490	5,560	(x)	5,560
Deductibility of medical expenses	2,315	2,315	(x)	2,315	2,230	(x)	2,230
Expensing of removal of architectural and transportation barriers to the handicapped	(x)	(x)	(x)	(x)	5	5	(x)
Deductibility of charitable contributions (health)	1,045	930	130	800	935	145	790
Income security:							
Exclusion of social security benefits for—							
Disability insurance	275	330	(x)	330	470	(x)	470
OASI benefits for retired workers	2,740	2,725	(x)	2,725	3,790	(x)	3,790
Dependents and survivors	450	645	(x)	645	860	(x)	860
Exclusion of benefits from or for—							
Railroad retirement system benefits	170	190	(x)	190	250	(x)	250
Workmen's compensation	505	590	(x)	590	720	(x)	720
Disabled coal miners	50	50	(x)	50	50	(x)	50
Unemployment insurance	2,300	3,335	(x)	3,335	1,500	(x)	1,500
Public assistance	105	95	(x)	95	330	(x)	330
Sick pay	315	195	(x)	195	110	(x)	110
Net exclusion of pension contributions and earnings:							
Employer plans	5,225	7,290	(x)	7,290	8,715	(x)	8,715
Plans for self-employed and others	390	1,060	(x)	1,060	1,390	(x)	1,390
Exclusion of other employee benefits:							
Premiums on group term life insurance	740	765	(x)	765	860	(x)	860
Premiums on accident and disability insurance	50	65	(x)	65	70	(x)	70
Income of trusts to finance supplementary unemployment benefits	5	10	(x)	10	10	(x)	10
Exclusion of interest on life insurance savings	1,545	1,655	(x)	1,655	1,850	(x)	1,850
Exclusion of capital gains on home sales for persons age 65 and over	40	40	(x)	40	40	(x)	40
Additional exemption for elderly	1,100	1,145	(x)	1,145	1,140	(x)	1,140
Additional exemption for the blind	20	20	(x)	20	20	(x)	20
Excess of percentage standard deduction over minimum standard deduction	1,385	1,140	(x)	1,140	530	(x)	530
Deductibility of casualty losses	280	310	(x)	310	320	(x)	320
Tax credit for the elderly	130	110	(x)	110	230	(x)	230
Earned income credit:							
Nonrefundable portion	(x)	220	(x)	220	365	(x)	365
Refundable portion	(x)	810	(x)	810	900	(x)	900
Veterans benefits and services:							
Exclusion of veterans disability compensation	540	595	(x)	595	745	(x)	745
Exclusion of veterans pensions	25	30	(x)	30	35	(x)	35
Exclusion of GI bill benefits	255	305	(x)	305	260	(x)	260
General government: Credits and deductions for political contributions	40	35	(x)	35	85	(x)	85
General purpose fiscal assistance:							
Exclusion of interest on general-purpose State and local debt	3,805	4,365	2,845	1,520	4,830	3,105	1,725
Deductibility of nonbusiness State and local taxes (other than on owner-occupied homes and gasoline)	8,490	7,255	(x)	7,255	7,660	(x)	7,660
Tax credit for corporations doing business in U.S. possessions	245	240	240	(x)	450	450	(x)
Interest: Deferral of interest on savings bonds	525	550	(x)	550	585	(x)	585

NA Not available. X Not applicable. [1] All estimates are based on the tax code as of Dec. 31, 1977.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

No. 433. Federal Expenditures and Taxes—Net Flow and Per Capita, by Major Program Area and by States: 1975 and 1976

[For years ending June 30. Minus sign (—) denotes an outflow. Data measure the flow of Federal dollars into and out of each State or region. Federal expenditures exclude interest payments]

Region and State	Spending-taxes ratio		Net flow [1] (mil. dol.)		1976								
								Per capita expenditures (dollars)					
					Taxes [2] (mil. dol.)	Expenditures (mil. dol.)	Per capita taxes [2] (dol.)	Total [3]	DOD [4] Contracts [5]	DOD [4] Salaries	Highways and sewers [6]	Welfare programs [7]	Retirement programs
	1975	1976	1975	1976									
U.S.	**1.00**	**1.00**	**-**	**-**	**326,293**	**326,293**	**1,524**	**1,524**	**210**	**136**	**41**	**119**	**449**
N.Eng.	.96	.95	−762	−939	20,458	19,519	1,676	1,599	380	74	46	136	472
Maine	1.12	1.29	139	375	1,305	1,680	1,227	1,579	270	93	94	157	497
N.H.	1.00	.99	1	−10	1,207	1,197	1,477	1,466	200	211	76	83	497
Vt.	1.17	1.15	91	92	620	712	1,308	1,503	275	40	65	162	447
Mass.	.95	.98	−462	−207	9,658	9,451	1,662	1,626	348	58	23	162	456
R.I.	.92	.95	−107	−80	1,468	1,388	1,580	1,494	114	162	50	153	522
Conn.	.92	.82	−425	−1,109	6,199	5,090	1,995	1,638	620	39	60	86	410
Mid.Atl.	.83	.82	−10,013	−11,677	64,051	52,374	1,718	1,405	170	56	36	139	455
N.Y.	.89	.85	−3,392	−4,710	32,009	27,299	1,770	1,510	186	32	20	167	443
N.J.	.66	.67	−4,436	−4,514	13,835	9,321	1,886	1,271	146	85	77	115	438
Pa.	.87	.87	−2,185	−2,453	18,207	15,754	1,535	1,328	159	76	36	111	482
E.No.Cent.	.70	.70	−18,618	−20,094	66,858	46,764	1,633	1,142	98	53	36	101	407
Ohio	.70	.72	−4,634	−4,777	16,902	12,125	1,578	1,132	115	67	42	82	412
Ind.	.73	.73	−2,036	−2,061	7,700	5,639	1,451	1,062	161	62	26	69	412
Ill.	.72	.71	−5,290	−5,979	20,426	14,447	1,822	1,288	56	63	41	115	404
Mich.	.65	.64	−4,971	−5,389	15,140	9,751	1,662	1,071	112	36	31	119	392
Wis.	.73	.72	−1,686	−1,886	6,689	4,803	1,454	1,044	58	19	31	115	425
W.No.Cent.	.94	1.03	−1,456	619	23,460	24,079	1,401	1,438	242	97	52	91	451
Minn.	.83	.89	−934	−635	5,645	5,010	1,432	1,271	178	28	53	104	409
Iowa	.69	.79	−1,249	−858	4,013	3,155	1,400	1,101	89	18	63	84	446
Mo.	1.10	1.33	657	2,191	6,624	8,815	1,388	1,847	511	125	54	102	484
N. Dak.	1.35	1.34	283	281	816	1,097	1,275	1,714	293	268	67	73	396
S. Dak.	1.29	1.28	215	218	783	1,001	1,145	1,464	49	143	70	81	432
Nebr.	.84	.83	−351	−370	2,219	1,849	1,433	1,194	46	133	38	68	455
Kans.	.98	.94	−78	−210	3,361	3,151	1,464	1,373	160	168	34	76	481
So.Atl.	1.12	1.11	4,986	4,992	47,248	52,240	1,427	1,577	170	235	45	106	491
Del.	.66	.63	−347	−411	1,109	698	1,912	1,204	65	167	65	89	413
Md.	1.20	1.15	1,299	1,104	7,211	8,315	1,745	2,012	278	282	35	103	430
Va.	1.34	1.40	2,257	2,922	7,341	10,263	1,466	2,050	382	458	85	79	517
W. Va.	1.21	1.14	410	295	2,088	2,383	1,154	1,317	61	21	56	115	517
N.C.	.98	1.00	−115	29	6,787	6,816	1,244	1,249	80	206	29	113	385
S.C.	1.19	1.20	561	649	3,296	3,945	1,164	1,393	83	291	45	129	393
Ga.	1.16	1.10	912	658	6,428	7,086	1,299	1,432	129	212	37	132	408
Fla.	1.00	.98	9	−252	12,986	12,734	1,554	1,524	133	140	37	94	659
So.Cent.	1.17	1.18	6,536	7,622	42,484	50,106	1,227	1,447	167	166	38	127	429
Ky.	1.21	1.29	790	1,140	3,915	5,055	1,149	1,483	86	195	38	158	427
Tenn.	1.13	1.22	627	1,188	5,318	6,506	1,268	1,551	91	61	37	135	414
Ala.	1.34	1.33	1,255	1,342	4,046	5,388	1,112	1,480	152	172	40	131	440
Miss.	1.76	1.79	1,621	1,749	2,219	3,968	945	1,690	438	156	29	158	407
La.	1.16	1.08	652	361	4,438	4,799	1,161	1,255	132	104	64	161	361
Ark.	1.24	1.26	492	582	2,251	2,833	1,067	1,342	76	95	57	168	501
Okla.	1.22	1.28	711	937	3,361	4,298	1,227	1,569	154	258	35	118	494
Tex.	1.03	1.02	388	325	16,934	17,259	1,370	1,396	196	204	30	96	430
Mt.	1.30	1.24	3,631	3,208	13,345	16,553	1,372	1,701	173	211	58	83	443
Mont.	1.28	1.22	246	212	979	1,191	1,305	1,588	103	131	129	84	450
Idaho	1.25	1.11	223	113	1,044	1,157	1,270	1,407	59	107	43	77	428
Wyo.	1.21	1.00	102	−1	587	586	1,533	1,530	83	167	93	46	407
Colo.	1.20	1.16	704	605	3,850	4,455	1,503	1,739	170	272	46	92	420
N. Mex.	1.93	1.91	1,090	1,156	1,273	2,429	1,101	2,101	144	283	48	133	430
Ariz.	1.31	1.23	853	701	3,100	3,801	1,383	1,696	302	187	34	61	515
Utah	1.35	1.32	455	461	1,436	1,897	1,181	1,560	171	304	57	72	388
Nev.	.96	.96	−40	−40	1,077	1,037	1,795	1,729	60	223	127	80	439
Pac.	1.17	1.15	7,008	7,238	47,019	54,257	1,650	1,904	410	218	40	142	453
Wash.	1.40	1.26	2,008	1,511	5,743	7,254	1,602	2,023	412	236	41	117	510
Oreg.	.94	.92	−202	−291	3,426	3,135	1,486	1,360	48	34	48	86	502
Calif.	1.11	1.13	3,684	4,724	35,664	40,388	1,670	1,891	443	199	35	153	445
Alaska	2.44	1.89	776	636	718	1,354	1,920	3,620	553	822	234	93	210
Hawaii	1.58	1.45	741	658	1,468	2,126	1,672	2,421	487	838	67	146	388
D.C.	7.67	7.59	8,690	9,032	1,370	10,402	1,938	14,713	1,579	861	110	261	1,004

- Represents zero. [1] Represents the total amount of money that flowed into or out of each State or region. [2] Represents the Federal tax burden with the Federal deficit distributed as an added tax. [3] Includes categories not shown separately. [4] Department of Defense. [5] Allocated to the location of the prime contractor. [6] Construction of highways and sewage treatment plants. [7] Covers medicaid, aid to families with dependent children, food stamps, supplemental security income, grants to States for social service programs, and unemployment compensation.

Source: Government Research Corporation, Washington, D.C., *National Journal*, June 26, 1976, and July 2, 1977, (copyright), and unpublished data.

No. 434. Internal Revenue Collections, by Selected Sources: 1960 to 1977

[For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 358–373]

Source of revenue	Collections (bil. dol.)							Percent of total				
	1960	1965	1970	1974	1975	1976	1977	1960	1965	1970	1975	1977
All taxes	**91.8**	**114.4**	**195.7**	**269.0**	**293.8**	**302.5**	**358.1**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	44.9	53.7	103.7	142.9	156.4	159.0	186.8	49.0	46.9	53.0	53.2	52.2
Withheld by employers	31.7	36.8	77.4	112.1	122.1	123.4	144.7	34.5	32.2	39.6	41.6	40.4
Employment taxes [1]	11.2	17.1	37.4	62.1	70.1	74.2	86.1	12.2	14.9	19.1	23.9	24.0
Old-age and disability insurance	10.2	15.8	35.7	59.1	67.1	71.0	82.3	11.1	13.8	18.2	22.8	23.0
Unemployment insurance	.3	.6	.8	1.5	1.4	1.6	1.9	.4	.5	.4	.5	.5
Corporation income taxes	22.2	26.1	35.0	41.7	45.7	46.8	60.0	24.2	22.8	17.9	15.6	16.8
Estate and gift taxes	1.6	2.7	3.7	5.1	4.7	5.3	7.4	1.8	2.4	1.9	1.6	2.1
Excise taxes [2]	11.9	14.8	15.9	17.1	16.8	17.3	17.8	12.9	12.9	8.1	5.7	5.0
Alcohol	3.2	3.8	4.7	5.4	5.4	5.4	5.4	3.5	3.3	2.4	1.8	1.5
Tobacco	1.9	2.1	2.1	2.4	2.3	2.5	2.4	2.1	1.9	1.1	.8	.7
Manufacturers [2]	4.7	6.4	6.7	5.7	5.5	5.5	6.1	5.2	5.6	3.4	1.9	1.7
Gasoline and lubricating oils	2.1	2.8	3.5	4.2	4.1	4.2	4.4	2.3	2.4	1.8	1.4	1.2
Motor vehicles and parts [3]	2.1	3.0	3.1	1.5	1.4	1.2	1.6	2.3	2.6	1.6	.5	.4
Retailers	.5	.7	.3	.4	.4	.4	.5	.5	.6	.1	.1	.1
Miscellaneous [2]	1.3	1.6	2.1	3.2	3.3	3.1	3.2	1.4	1.4	1.1	1.1	.9
General and toll telephones [4]	.7	1.1	1.5	1.9	2.0	1.8	1.7	.8	.9	.8	.7	.5
Transportation of persons	.3	.1	.3	.7	.8	.8	1.0	.3	.1	.1	.3	.3

[1] Includes railroad retirement, not shown separately. [2] Includes other taxes, not shown separately.
[3] Includes tires, tubes, and tread rubber. [4] Includes telegraph, radio, and cable services.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 435. Number of Tax Returns Filed, by Type: 1960 to 1977

[In thousands. For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and Virgin Islands]

Type of return	1960	1965	1970	1973	1974	1975	1976	1977
Total	**94,399**	**102,492**	**113,079**	**117,242**	**121,914**	**126,049**	**127,348**	**133,685**
Income tax [1]	70,151	76,113	89,225	91,311	95,313	96,311	95,497	98,807
Individual and fiduciary	61,260	66,965	78,370	79,545	83,029	85,518	84,366	87,274
Estimated tax declarations	6,309	6,197	7,375	6,995	7,437	7,543	7,844	8,088
Partnership	1,016	977	937	1,043	1,118	1,138	1,143	1,197
Corporation	1,072	1,420	1,726	1,946	1,981	2,112	2,144	2,247
Estate tax	62	94	132	202	212	216	236	248
Gift tax	91	122	148	244	253	260	302	337
Employment tax	20,227	22,266	21,994	23,998	24,794	24,757	24,677	25,023
Exempt organization	(NA)	(NA)	(NA)	(NA)	(NA)	374	474	554
Employee plan	(NA)	(NA)	(NA)	(NA)	(NA)	1,104	782	1,321
Excise tax [2]	3,868	3,898	1,580	1,488	1,342	1,427	1,392	1,468
Other	(NA)	(NA)	(NA)	(NA)	(NA)	1,600	3,987	5,877

NA Not available. [1] Includes other returns, not shown separately.
[2] Includes alcohol, tobacco, and firearms tax returns.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner.*

No. 436. Number of Individual Income Tax Returns, by Marital Status and Size of Adjusted Gross Income: 1965 to 1976

[In thousands. Returns of single persons include those of surviving spouses]

Item	Number of returns						Percent		
	1965	1970	1973	1974	1975	1976, prel.	1965	1970	1976, prel.
Total tax returns	**67,596**	**74,280**	**80,693**	**83,340**	**82,229**	**84,536**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	39,304	42,376	43,645	44,227	44,140	44,385	58.1	57.0	52.5
Separate returns, husbands and wives	2,851	2,370	2,339	2,355	1,939	1,874	4.2	3.2	2.2
Returns of heads of households	1,888	3,573	4,532	4,688	4,983	5,289	2.8	4.8	6.3
Returns of single persons	23,553	25,961	30,177	32,071	31,167	32,988	34.8	35.0	39.0
Returns with income under $10,000	**56,491**	**50,611**	**47,620**	**47,353**	**44,855**	**43,743**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	28,978	21,036	15,270	14,170	13,785	12,111	51.3	41.6	27.7
Separate returns, husbands and wives	2,786	2,184	1,989	1,900	1,504	1,367	4.9	4.3	3.1
Returns of heads of households	1,762	3,138	3,630	3,618	3,579	3,626	3.1	6.2	8.3
Returns of single persons	22,965	24,252	26,731	27,664	25,987	26,640	40.7	47.9	60.9
Returns with income over $10,000	**11,105**	**23,669**	**33,073**	**35,987**	**37,375**	**40,793**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	10,326	21,340	28,376	30,056	30,356	32,274	93.0	90.2	79.1
Separate returns, husbands and wives	65	186	350	455	435	507	.6	.8	1.2
Returns of heads of households	125	435	902	1,069	1,404	1,663	1.1	1.8	4.1
Returns of single persons	589	1,709	3,446	4,406	5,180	6,349	5.3	7.2	15.6

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 437. Federal Individual Income Tax Returns with Adjusted Gross Income—Summary: 1950 to 1976

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits* (exemptions, deductions, etc.). Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income is gross income from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, losses from sales of capital assets, etc. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	1950	1955	1960	1965	1970	1973	1974	1975	1976, prel.
Total individual returns ... 1,000	52,656	57,818	60,593	67,199	73,863	80,693	83,340	82,229	84,536
With adjusted gross income of—									
Under $3,000 ... 1,000	45,567	41,225	35,443	33,017	18,074	17,274	16,881	15,793	15,015
$3,000-$4,999 ... 1,000					10,234	9,763	9,885	9,109	8,837
$5,000-$9,999 ... 1,000			20,266	23,474	22,303	20,582	20,587	19,953	19,891
$10,000-$14,999 ... 1,000					14,106	15,804	15,670	14,964	14,534
$15,000-$19,999 ... 1,000					5,538	9,091	10,071	10,354	11,182
$20,000-$24,999 ... 1,000					1,909	3,944	4,945	5,598	6,662
$25,000-$29,999 ... 1,000					768	1,742	2,260	2,744	3,611
$30,000-$49,999 ... 1,000	7,493	17,025	5,319	10,105	918	1,760	2,174	2,748	3,632
$50,000-$99,999 ... 1,000					351	597	701	781	945
$100,000-$499,999 ... 1,000					75	132	162	182	221
$500,000-$999,999 ... 1,000					2	3	3	3	4
$1,000,000 and over ... 1,000					1	1	1	1	1
Returns with tax due ... 1,000	14,287	18,665	18,150	20,027	16,479	14,235	15,434	15,842	16,957
Returns with overpayments ... 1,000	31,965	35,420	39,372	42,766	55,273	64,225	65,764	63,825	64,805
Taxable ... 1,000	38,187	44,689	48,061	53,701	59,317	64,267	67,335	61,491	64,431
Percent of all returns	72.5	77.3	79.3	79.9	80.3	79.6	80.8	74.8	76.2
Nontaxable ... 1,000	14,469	13,129	12,532	13,499	14,546	16,425	16,005	20,739	20,105
Percent of all returns	27.5	22.7	20.7	20.1	19.7	20.4	19.2	25.2	23.8
Number of—									
Taxpayers ... mil	84.6	93.9	98.7	107.6	117.0	124.3	127.6	126.6	126.6
Personal exemptions ... mil	138.7	160.8	175.3	190.7	204.1	209.8	215.1	212.2	215.3
Adjusted gross income [1] ... bil. dol	179.9	249.4	316.6	430.7	634.3	827.1	905.5	947.8	1,053.6
Taxable returns:									
Adjusted gross income [1] ... bil. dol	158.5	229.6	297.2	400.3	610.3	799.7	880.4	898.3	1,003.9
Personal exemptions [2] ... bil. dol	55.2	71.2	81.2	91.9	107.0	132.4	136.8	123.8	128.0
Income tax withheld ... bil. dol	(NA)	22.1	31.9	38.5	74.2	101.1	115.3	114.8	128.8
Taxable income ... bil. dol	(NA)	128.0	171.6	255.1	401.2	511.9	573.6	595.5	674.4
Percent of adjusted gross income	(NA)	51.3	54.2	59.2	63.2	61.9	63.4	62.8	64.0
Total income tax [3] ... bil. dol	18.4	29.6	39.5	49.5	83.9	108.1	123.6	124.5	141.9
Percent of adjusted gross income	11.6	12.9	13.3	12.1	13.7	13.5	14.0	13.1	13.5
Percent of taxable income	(NA)	23.1	23.0	19.4	20.9	21.1	20.8	20.9	21.0
Average income per return ... dol	4,152	5,138	6,183	7,623	10,288	12,447	13,075	14,608	15,581
Average income tax per return ... dol	481	663	821	922	1,415	1,682	1,836	2,025	2,202
Income tax per capita of total population ... dol	121	179	219	256	413	515	585	584	661
Percent of total population filing returns [4]	55.3	56.4	54.4	54.8	57.2	59.0	60.3	59.3	60.0
Returns with—									
Standard deductions ... 1,000	42,740	11,359	36,945	39,327	38,432	52,202	53,230	55,511	58,119
Itemized deductions ... 1,000	10,320	16,891	24,083	27,872	35,430	28,047	29,564	26,074	25,898
Adjusted gross income ... bil. dol	55.1	108.5	181.1	267.3	448.7	486.3	544.3	532.6	580.3
Deductions, total ... bil. dol	9.9	20.0	35.3	50.7	88.2	107.0	119.4	122.3	133.2
SOURCES OF INCOME (total returns)									
Salaries and wages, gross ... bil. dol	139.0	[5] 200.6	[5] 257.7	346.8	531.3	686.3	758.6	795.4	879.8
Percent of adjusted gross income	77.3	80.4	81.4	80.5	83.8	82.6	83.8	83.9	83.5
Dividends ... bil. dol	[6] 6.1	[7] 7.8	[7] 9.5	12.9	15.7	18.5	20.9	21.9	24.5
Interest ... bil. dol	1.6	2.6	5.0	11.2	21.8	31.9	39.5	43.4	48.4
Rents and royalties ... bil. dol	2.9	3.2	3.3	3.1	3.4	5.1	5.4	5.2	5.9
Business or profession [8] ... bil. dol	[9] 16.0	[9] 19.3	[9] 22.1	25.2	31.0	39.1	39.0	39.4	44.4
Farm [8] ... bil. dol	(9)	(9)	(9)	3.9	3.4	8.3	5.0	3.6	3.5
Partnerships [8] ... bil. dol	8.4	9.2	9.2	11.1	11.7	12.5	11.0	10.8	12.1
Sales of capital assets [8] ... bil. dol	2.9	4.6	5.1	10.0	8.7	16.1	13.5	14.1	18.3
Sales of property [8 10] ... bil. dol	–	–	–	.1	.2	.5	.4	.1	.1
Pensions and annuities [11] ... bil. dol	.4	.9	1.6	3.6	7.9	13.0	16.7	20.9	24.5
Estates and trusts ... bil. dol	1.7	.6	.7	3.0	1.4	2.0	2.3	2.6	2.8
Other sources ... bil. dol	1.0	.8	2.4		−2.4	−2.6	6.9	−9.5	−10.7

– Represents zero. NA Not available. [1] 1950–1970, returns with adjusted gross income only. Beginning 1972, adjusted gross income less deficit. [2] Exemptions: 1950–1965, $600; 1970, $625; 1973–1976, $750. [3] Income tax after credits. Beginning 1970, includes additional tax for tax preferences. [4] Joint returns counted twice in computing percent. [5] Salaries after sick pay exclusion. [6] Domestic and foreign. [7] After exclusions. [8] Figures represent net income. [9] Farm included with business or profession. [10] Other than capital assets. [11] Taxable portion.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 438. Individual Income Tax Returns, By Adjusted Gross Income Classes: 1965 to 1976

[Includes Puerto Rico and Virgin Islands. Based on sample of unaudited returns as filed]

Adjusted gross income class	Total (bil. dol.)						Percent distribution					
	1965	1970	1973	1974	1975	1976 [1]	1965	1970	1973	1974	1975	1976 [1]
	Adjusted gross income [2]											
Total	430.7	634.2	827.1	905.5	947.8	1,053.6	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns	409.4	610.3	799.7	880.4	898.3	1,003.9	95.0	96.2	96.7	97.2	94.8	95.3
Under $5,000	59.5	47.2	40.7	41.7	26.9	25.5	13.8	7.4	4.9	4.6	2.8	2.4
$5,000-$9,999	167.4	162.9	146.6	146.8	129.9	128.6	38.9	25.7	17.7	16.2	13.7	12.2
$10,000-$14,999	91.6	171.6	194.5	193.0	182.8	177.9	21.3	27.1	23.5	21.3	19.3	16.9
$15,000-$19,999	69.4	94.4	155.7	173.2	177.4	192.9	16.1	14.9	18.8	19.1	18.7	18.3
$20,000-$24,999		42.1	87.1	109.4	123.7	147.5		6.6	10.5	12.1	13.1	14.0
$25,000-$49,999		54.8	111.9	140.9	174.0	229.7		8.6	13.5	15.6	18.4	21.8
$50,000-$99,999	12.4	23.0	39.2	46.1	51.2	62.0	2.9	3.6	4.7	5.1	5.4	5.9
$100,000-$499,999	7.1	11.7	20.4	25.1	27.9	34.2	1.7	1.9	2.5	2.8	2.9	3.3
$500,000-$999,999	.9	1.2	1.8	2.1	2.2	2.8	.2	.2	.2	.2	.2	.3
$1,000,000 and over	1.4	1.4	1.8	2.1	2.3	2.9	.3	.2	.2	.2	.2	.3
Nontaxable returns	21.3	23.9	27.4	25.1	49.5	49.7	5.0	3.8	3.3	2.8	5.2	4.7
	Taxable income											
Total	255.1	401.2	511.9	573.6	595.5	674.4	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns	254.3	400.9	510.6	572.4	590.4	669.2	99.7	99.8	99.7	99.8	99.1	99.2
Under $5,000	28.3	22.9	14.2	14.7	9.4	8.7	11.1	5.7	2.8	2.6	1.6	1.3
$5,000-$9,999	94.7	96.6	79.4	80.9	70.3	69.4	37.1	24.1	15.5	14.1	11.8	10.3
$10,000-$14,999	60.8	112.2	119.1	119.4	113.0	111.4	23.8	28.0	23.3	20.8	19.0	16.5
$15,000-$19,999	52.6	66.6	103.6	115.6	116.8	127.3	20.6	16.6	20.2	20.2	19.6	18.9
$20,000-$24,999		31.0	61.4	77.3	86.7	102.8		7.7	12.0	13.5	14.6	15.2
$25,000-$49,999		42.1	83.5	104.8	128.5	169.6		10.5	16.3	18.3	21.6	25.2
$50,000-$99,999	10.2	18.4	30.9	36.4	40.1	48.4	4.0	4.6	6.0	6.3	6.7	7.2
$100,000-$499,999	5.8	9.1	16.0	20.0	22.3	27.3	2.3	2.3	3.1	3.5	3.7	4.1
$500,000-$999,999	.8	.8	1.3	1.6	1.6	2.1	.3	.2	.3	.3	.3	.3
$1,000,000 and over	1.1	1.0	1.3	1.6	1.7	2.2	.4	.2	.3	.3	.3	.3
Nontaxable returns	.7	.3	1.3	1.2	5.1	5.3	.3	.1	.3	.2	.9	.8
	Income tax [3]											
Total	49.5	83.9	108.1	123.6	124.5	141.9	(X)	(X)	(X)	(X)	(X)	(X)
Taxable returns	49.5	83.9	108.1	123.6	124.5	141.9	100.0	100.0	100.0	100.0	100.0	100.0
Under $5,000	4.4	3.6	2.2	2.2	1.2	1.3	8.9	4.3	2.0	1.8	1.0	.9
$5,000-$9,999	15.4	16.7	13.3	13.7	10.7	9.9	31.2	19.9	12.3	11.1	8.6	7.0
$10,000-$14,999	10.7	20.6	21.2	21.5	19.2	18.0	21.6	24.6	19.6	17.4	15.4	12.7
$15,000-$19,999	11.5	13.2	19.7	22.1	21.2	22.4	23.2	15.7	18.2	17.9	17.0	15.8
$20,000-$24,999		6.7	12.5	15.8	17.0	19.8		8.0	11.6	12.8	13.7	14.0
$25,000-$49,999		10.8	19.8	24.8	29.6	38.9		12.8	18.3	20.1	23.8	27.4
$50,000-$99,999	3.7	6.6	10.4	12.2	13.4	16.2	7.5	7.9	9.6	9.9	10.8	11.4
$100,000-$499,999	2.8	4.5	7.4	9.2	10.2	12.8	5.7	5.4	6.8	7.4	8.2	9.0
$500,000-$999,999	.4	.5	.8	.9	1.0	1.3	.8	.6	.7	.7	.8	.9
$1,000,000 and over	.6	.6	.8	1.1	1.1	1.5	1.2	.8	.8	.9	.9	1.1

X Not applicable. [1] Preliminary.
[2] Beginning 1973, adjusted gross income less deficit.
[3] Represents income tax after credits. Beginning 1970, includes additional tax for tax preferences.

No. 439. Nontaxable Individual Income Tax Returns—Number of Returns and Amount of Adjusted Gross Income: 1970 to 1976

Adjusted gross income [1] class	Number of returns (1,000)					Adjusted gross income (mil. dol.)				
	1970	1973	1974	1975	1976	1970	1973	1974	1975	1976
Total [2]	14,962	16,425	16,005	20,739	20,105	21,421	27,440	25,139	49,470	49,736
Under $5,000	14,077	15,050	14,503	17,735	17,047	20,421	23,191	22,119	26,433	26,748
$5,000-$9,999	430	798	798	2,615	2,701	2,717	5,177	5,267	16,680	17,176
$10,000-$14,999	25	77	105	239	220	295	911	1,241	2,867	2,610
$15,000-$24,999	9	43	38	120	99	171	777	692	2,177	1,833
$25,000-$49,999	4	12	15	23	35	121	409	503	776	1,129
$50,000-$99,999	1	2	3	5	3	63	164	177	324	164
$100,000-$199,999	.29	.46	.72	.73	.44	39	63	96	98	58
$200,000 or more	.11	.16	.24	.26	.06	47	70	110	117	19

[1] Adjusted gross income less deficit. [2] Includes deficit returns, not shown separately.

Source of tables 438 and 439: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 440. Average Tax of Taxable Individual Income Tax Returns and Percent Total Tax of Taxable Income, By Adjusted Gross Income Classes: 1960 to 1976

Adjusted gross income class	1960	1965	1970	1971	1972	1973	1974	1975	1976, prel.
	Average tax								
Total ..... dol.	821	922	1,415	1,425	1,537	1,682	1,836	2,025	2,202
Under $3,000 ..... dol.	154	118	117	80	66	68	67	49	59
$3,000–$4,999 ..... dol.	381	316	344	261	236	242	246	196	179
$5,000–$9,999 ..... dol.	768	671	762	694	657	674	693	618	577
$10,000–$14,999 ..... $1,000	1.7	1.4	1.5	1.4	1.3	1.4	1.4	1.3	1.3
$15,000–$24,999 ..... $1,000	3.3	3.7	2.7	2.5	2.4	2.5	2.5	2.4	2.4
$25,000–$49,999 ..... $1,000	8.2		6.4	6.0	5.7	5.7	5.6	5.4	5.4
$50,000–$99,999 ..... $1,000	22.5	19.4	19.0	18.1	17.7	17.4	17.5	17.2	17.2
$100,000–$499,999 ..... $1,000	68.9	63.0	60.6	59.3	57.3	56.3	57.2	56.3	58.0
$500,000–$999,999 ..... $1,000	312.0	293.6	304.0	314.8	305.1	305.6	300.7	297.9	315.9
$1,000,000 and over $1,000	950.7	966.8	992.0	960.4	1,021.8	934.9	969.2	987.1	1,089.3
	Percent total tax [1] of taxable income								
Total	23.0	19.5	20.9	20.7	21.0	21.2	21.6	21.1	21.2
Under $3,000	19.8	14.6	14.7	14.4	15.1	15.3	15.3	10.1	12.6
$3,000–$4,999	20.1	15.5	16.0	15.4	15.3	15.3	15.4	13.0	12.4
$5,000–$9,999	20.4	16.3	17.2	16.7	16.7	16.8	16.9	15.3	14.3
$10,000–$14,999	21.4	17.6	18.4	17.8	17.7	17.8	18.0	17.0	16.1
$15,000–$24,999	24.2	22.1	20.4	19.6	19.5	19.5	19.6	18.8	18.4
$25,000–$49,999	30.8		25.6	24.3	24.3	23.7	23.7	23.1	22.9
$50,000–$99,999	42.0	35.8	36.1	34.6	34.9	33.6	33.6	33.3	33.6
$100,000–$499,999	53.7	47.7	49.8	48.3	47.9	46.2	46.1	45.7	46.8
$500,000–$999,999	59.0	53.7	62.5	62.4	63.1	61.2	60.0	59.1	62.2
$1,000,000 and over	61.6	54.4	61.2	61.9	65.1	64.7	65.0	64.9	67.9

[1] Total tax represents income tax after credits. Beginning 1970, includes additional tax for tax preferences.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 441. Federal Individual Income Tax Returns—Sources of Income, by Adjusted Gross Income Classes: 1976

[In millions of dollars, except percent. See headnote, table 438]

Source of income	Total income [1]	Adjusted gross income classes for taxable returns						
		Total [2]	Under $5,000 [3]	$5,000–$9,999	$10,000–$14,999	$15,000–$49,999	$50,000–$499,999	$500,000 and over
Adjusted gross income	1,059,434	1,003,857	25,471	128,618	177,866	570,002	96,208	5,693
Salaries, gross	878,438	835,939	22,305	108,581	157,611	494,506	51,887	959
Percent of gross income ..	82.9	83.2	87.9	84.4	88.6	86.8	53.9	16.9
Dividends	24,266	23,366	348	1,646	1,664	8,398	9,595	1,714
Interest	48,039	43,724	1,791	7,848	6,911	20,608	6,219	346
Rents and royalties, net ...	5,333	5,518	90	754	780	1,688	1,982	223
Business profession,[4] net ...	42,301	42,752	399	3,068	4,787	23,007	11,169	323
Farm,[5] net	8,592	4,804	−54	26	329	3,563	978	−38
Partnership, net	13,786	13,196	−310	460	949	5,902	6,060	135
Sales of capital assets, net ..	17,602	16,717	379	883	1,487	6,644	5,777	1,546
Sales of property,[6] net	−254	504	−7	8	77	282	127	16
Pensions and annuities [6] ...	24,488	21,763	766	6,072	4,654	9,440	822	9
Other sources	−3,157	−4,425	−326	−729	−1,382	−4,038	1,591	458

[1] Excludes returns with no adjusted gross income.
[2] Income from sources subject to tax, less certain exclusions.
[3] Includes a small number of taxable returns with no adjusted gross income.
[4] Business profit and loss without deduction for net operating loss.
[5] Other than capital assets.
[6] Taxable portion.

Source: U.S. Internal Revenue Service, Preliminary Report, *Statistics of Income, 1976, Individual Income Tax Returns.*

No. 442. Federal Individual Income Tax Liability and Effective Rates, for Selected Income Groups: 1954 to 1978

[Refers to income after exclusions. Computations assume the low income allowance, standard deduction, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970*, series Y 412-439, for similar data based on net income]

Adjusted gross income [1]	Tax liability (dollars)						Effective rate [4] (percent)					
	1954-1963	1964	1970 [2]	1972-1973	1975	1977-1978 [3]	1954-1963	1964	1970 [2]	1972-1973	1975	1977-1978 [3]
Single person, no dependent:												
$2,000	240	180	58	–	–	–	12.0	9.0	2.9	–	–	–
$3,000	422	360	302	138	63	–	14.1	12.0	10.1	4.6	2.1	–
$5,000	818	720	683	491	404	274	16.4	14.4	13.7	9.8	8.1	5.5
$10,000	2,096	1,872	1,778	1,530	1,476	1,216	21.0	18.7	17.8	15.3	14.8	12.2
$15,000	3,787	3,378	3,224	2,703	2,587	2,457	25.2	22.5	21.5	18.0	17.2	16.4
$20,000	5,900	5,233	5,031	4,255	4,123	3,999	29.5	26.2	25.2	21.3	20.6	20.0
$25,000	8,324	7,410	7,144	5,895	5,865	5,715	33.3	29.6	28.6	23.6	23.5	22.9
$35,000	13,778	12,344	11,904	9,728	9,698	9,548	39.4	35.3	34.0	27.8	27.7	27.3
$50,000	22,788	20,384	19,695	16,740	16,710	16,560	45.6	40.8	39.4	33.5	33.4	33.1
$75,000	39,702	35,267	34,020	30,710	30,680	30,530	52.9	47.0	45.4	40.9	40.9	40.7
Married couple, no dependent:												
$2,000	120	64	–	–	–	–	6.0	3.2	–	–	–	–
$3,000	300	226	137	28	–	–	10.0	7.5	4.6	.9	–	–
$5,000	660	554	503	322	170	–	13.2	11.1	10.1	6.4	3.4	–
$10,000	1,636	1,440	1,366	1,190	1,054	757	16.4	14.4	13.7	11.9	10.5	7.6
$15,000	2,810	2,501	2,381	2,150	2,002	1,701	18.7	16.7	15.9	14.3	13.3	11.3
$20,000	4,192	3,744	3,557	3,490	3,175	2,899	21.0	18.7	17.8	17.0	15.9	14.5
$25,000	5,774	5,162	4,900	4,700	4,608	4,288	23.1	20.6	19.6	18.8	18.4	17.2
$35,000	9,601	8,523	8,177	7,880	7,820	7,700	27.4	24.4	23.4	22.5	22.3	22.0
$50,000	16,648	14,819	14,289	13,820	13,760	13,640	33.3	29.6	28.6	27.6	27.5	27.3
$75,000	30,415	27,266	26,299	25,520	25,460	25,340	40.6	36.4	35.1	34.0	33.9	33.8
Married couple, 2 dependents:												
$3,000	60	–	–	–	[5] –300	[5] –300	2.0	–	–	–	–10.0	–10.0
$5,000	420	326	275	98	[5] –300	[5] –300	8.4	6.5	5.5	2.0	–6.0	–6.0
$10,000	1,372	1,200	1,122	905	709	442	13.7	12.0	11.2	9.0	7.1	4.4
$15,000	2,486	2,209	2,091	1,820	1,612	1,375	16.6	14.7	13.9	12.1	10.7	9.2
$20,000	3,800	3,392	3,213	3,010	2,740	2,524	19.0	17.0	16.1	15.0	13.7	12.6
$25,000	5,318	4,754	4,490	4,240	4,092	3,857	21.3	19.0	18.0	17.0	16.4	15.4
$35,000	9,037	8,031	7,677	7,295	7,175	7,115	25.8	22.9	21.9	20.8	20.5	20.3
$50,000	15,976	14,213	13,674	13,100	12,980	12,920	32.0	28.4	27.3	26.2	26.0	25.8
$75,000	29,635	26,564	25,594	24,695	24,575	24,515	39.5	35.4	34.1	32.9	32.8	32.7

– Represents zero. [1] Income from sources subject to tax, less certain exclusions.
[2] Includes income tax surcharge. [3] Reflects current law as of March 4, 1978.
[4] Tax liability divided by stated income. [5] Refundable earned income credit.

Source: U.S. Dept. of the Treasury, unpublished data.

No. 443. Individual Income Tax Returns with Itemized Deductions, by Adjusted Gross Income Classes: 1976

[Includes returns of resident aliens. Based on a sample of returns as filed, unaudited except to insure proper execution. Itemized deductions may be claimed when a taxpayer's specified personal expenses exceed the allowable standard deduction]

Adjusted gross income class	Returns with itemized deductions (1,000)	Adjusted gross income (mil. dol.)	Taxable income (mil. dol.)	Itemized deductions (mil. dol.)							
				Total	Percent of— Adjusted gross income	Percent of— Taxable income	Taxes	Interest	Contributions	Medical and dental expenses	Other
Total	**25,898**	**580,308**	**383,059**	**133,218**	**23.0**	**34.8**	**49,505**	**43,058**	**16,711**	**12,155**	**11,789**
Taxable returns	24,567	570,228	381,636	126,167	22.1	33.1	47,998	40,986	16,048	10,089	11,046
Under $2,999	40	79	40	14	17.7	35.0	6	5	1	2	2
$3,000–$3,999	46	168	37	84	50.0	227.0	24	14	15	23	8
$4,000–$4,999	87	396	107	195	49.2	182.2	49	50	33	51	12
$5,000–$9,999	2,253	18,279	7,542	6,647	36.4	88.1	1,897	1,868	820	1,537	525
$10,000–$14,999	4,989	63,171	33,981	17,356	27.5	51.1	5,574	6,048	1,870	2,373	1,491
$15,000–$24,999	10,011	196,233	123,887	45,529	23.2	36.8	16,629	16,546	4,773	3,666	3,915
$25,000–$49,999	6,031	194,166	139,904	37,856	19.5	27.1	16,127	11,922	4,658	1,912	3,237
$50,000 and over	1,110	97,736	76,139	18,486	18.9	24.3	7,693	4,534	3,878	525	1,856
Nontaxable returns	1,331	10,080	1,423	7,051	70.0	495.5	1,507	2,072	663	2,066	743

Source: U.S. Internal Revenue Service, Preliminary Report, *Statistics of Income, 1976, Individual Income Tax Returns*.

No. 444. Federal Income and Payroll Taxes for a Four-Person Family With One Earner, by Selected Earnings Levels: 1963 to 1977

[**Tax rate is percent of earnings, or tax liability divided by earnings.** Data represent "effective" tax rates and were calculated from statutory individual income and payroll tax rates. Payroll taxes include both employee and employer taxes. For the $5,000, $10,000, and $15,000 categories, it is assumed that the standard deduction was taken. For the $25,000, $35,000, and $50,000 categories, itemized deductions are assumed. Income tax surcharge is included for 1968 and 1970]

Year and item	Tax (dol.) for earnings level of—						Tax rate (percent) for earnings level of—					
	$5,000	$10,000	$15,000	$25,000	$35,000	$50,000	$5,000	$10,000	$15,000	$25,000	$35,000	$50,000
1963: Total	768	1,720	2,964	5,237	8,589	14,924	15.4	17.2	19.8	20.9	24.5	29.8
Income	420	1,372	2,616	4,889	8,241	14,576	8.4	13.7	17.4	19.6	23.5	29.2
Payroll	348	348	348	348	348	348	7.0	3.5	2.3	1.4	1.0	.7
1968: Total	748	1,884	3,075	5,048	8,067	13,788	15.0	18.8	20.5	20.2	23.0	27.6
Income	308	1,198	2,389	4,362	7,381	13,102	6.2	12.0	15.9	17.4	21.1	26.2
Payroll	440	686	686	686	686	686	8.8	6.9	4.6	2.7	2.0	1.4
1970: Total	759	1,871	2,953	4,880	7,750	13,193	15.2	18.7	19.7	19.5	22.1	26.4
Income	279	1,122	2,204	4,131	7,001	12,444	5.6	11.2	14.7	16.5	20.0	24.9
Payroll	480	749	749	749	749	749	9.6	7.5	5.0	3.0	2.1	1.5
1975: Total	285	1,879	3,262	5,350	8,054	13,220	5.7	18.8	21.7	21.4	23.0	26.4
Income	−300	709	1,612	3,700	6,404	11,570	−6.7	7.1	10.7	14.8	18.3	23.1
Payroll	585	1,170	1,650	1,650	1,650	1,650	11.7	11.7	11.0	6.6	4.7	3.3
1977: Total	285	1,616	3,135	5,571	8,275	13,441	5.7	16.2	20.9	22.3	23.6	26.9
Income	−300	446	1,380	3,640	6,344	11,510	−6.0	4.5	9.2	14.6	18.1	23.0
Payroll	585	1,170	1,755	1,931	1,931	1,931	11.7	11.7	11.7	7.7	5.5	3.9

Source: Brookings Institution, Washington, D.C., *Setting National Priorities, the 1974 Budget*, by Edward R. Fried, Alice M. Rivlin, Charles L. Schultze, and Nancy H. Teeters (copyright © 1973 by the Brookings Institution); and unpublished data.

No. 445. Federal Individual Income and Employment Tax Receipts—States: 1975 to 1977

[Through 1976, for years ending **June 30** except, beginning 1977, ending **Sept. 30**. A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another]

State	Tax receipts (mil. dol.)			Percent of personal income [1]		
	1975	1976	1977	1975	1976	1977
Total [2]	**226,540**	**233,172**	**272,832**	**18.1**	**17.0**	**18.0**
N.E.	13,027	12,821	17,089	17.7	16.0	19.4
Maine	626	630	756	12.4	11.0	12.2
N.H.	589	579	719	13.4	11.7	13.0
Vt.	276	273	333	11.9	10.6	11.8
Mass.	6,143	6,053	6,950	17.4	15.8	16.6
R.I.	1,000	978	1,023	18.8	16.9	16.2
Conn.	4,393	4,308	7,308	20.8	19.0	29.2
M.A.	51,306	50,629	57,931	21.7	19.9	21.0
N.Y.	28,874	28,354	26,821	24.5	22.7	19.9
N.J.	8,406	8,377	16,996	16.9	15.6	29.0
Pa.	14,026	13,898	14,114	20.2	18.4	17.1
E.N.C.	51,777	52,001	62,494	20.9	19.0	20.7
Ohio	13,169	13,129	15,523	21.2	19.2	20.5
Ind.	5,690	5,762	4,932	19.1	17.3	13.4
Ill.	16,699	16,780	26,269	22.1	20.4	30.1
Mich.	12,066	12,216	10,994	22.1	19.8	15.8
Wis.	4,153	4,114	4,776	16.1	14.5	14.9
W.N.C.	17,276	17,743	19,536	18.1	17.3	16.9
Minn.	4,794	5,003	5,911	21.2	20.3	20.9
Iowa	2,268	2,248	2,618	13.5	12.7	13.2
Mo.	5,744	5,978	6,270	22.0	20.9	19.6
N. Dak.	465	492	538	12.4	13.2	13.3
S. Dak.	404	397	464	11.8	11.4	11.3
Nebr.	1,607	1,620	1,676	17.7	17.1	16.0
Kans.	1,994	2,005	2,059	14.7	13.4	12.4
S.A.	27,759	27,765	33,861	15.0	13.6	15.1
Del.	1,055	998	1,154	27.8	24.1	25.8
Md. and D.C.	6,608	6,928	8,109	25.0	20.1	21.6
Va.	3,659	3,689	4,208	12.7	11.6	11.9
S.A.—Con.						
W. Va.	931	994	1,190	10.4	9.9	10.7
N.C.	3,723	3,752	4,457	13.8	12.5	13.6
S.C.	1,551	1,557	1,818	11.8	10.5	11.2
Ga.	3,786	3,563	4,003	15.3	12.9	13.2
Fla.	6,446	6,284	8,922	13.8	12.3	15.8
E.S.C.	7,968	8,136	13,922	12.7	11.5	17.8
Ky.	2,086	2,119	2,426	12.6	11.4	11.8
Tenn.	2,814	2,880	7,877	14.0	12.8	31.7
Ala.	2,126	2,188	2,504	12.7	11.7	12.1
Miss.	942	949	1,115	10.0	8.8	9.3
W.S.C.	17,242	17,852	23,129	15.6	14.3	16.5
Ark.	1,019	1,038	1,248	10.7	10.0	10.5
La.	2,586	2,698	3,075	14.1	13.0	13.3
Okla.	2,124	2,207	2,487	14.8	14.0	13.9
Tex.	11,513	11,909	16,319	16.8	15.3	18.7
Mt.	9,064	8,774	8,660	17.1	14.8	13.1
Mont.	447	455	559	11.1	10.6	12.0
Idaho	710	744	799	16.9	15.7	15.6
Wyo.	270	289	348	11.7	10.9	11.3
Colo.	4,041	3,715	2,683	26.6	22.1	14.3
N. Mex.	624	652	740	11.3	10.5	10.6
Ariz.	1,583	1,547	1,787	13.3	11.6	12.0
Utah	800	793	960	13.6	11.9	12.8
Nev.	589	579	784	15.1	13.1	15.5
Pac.	29,493	29,695	39,625	16.0	14.5	17.3
Wash.	3,418	3,455	4,120	15.2	13.9	15.0
Oreg.	2,128	2,085	3,883	16.1	14.1	23.3
Calif.	22,641	22,690	29,956	16.2	14.6	17.3
Alaska	489	678	735	13.9	16.4	17.0
Hawaii	817	787	931	14.2	12.6	13.7

[1] See table 724 for base data.
[2] Includes Puerto Rico, International operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner*.

No. 446. Federal Individual Income Returns and Taxes—States and Other Areas: 1970 to 1976

[Aggregates in this table differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data and the inclusion of returns with no adjusted gross income]

State or other area	1970				1975				1976, prel.			
	Number of returns (1,000)	Adjusted gross income[1] (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income[1] (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income[1] (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)
Total	**74,278**	**631,626**	**83,880**	**412**	**82,229**	**947,785**	**124,526**	**585**	**84,536**	**1,053,593**	**141,886**	**661**
N.E.	4,675	40,895	5,661	476	4,860	55,748	7,465	613	5,007	61,449	8,338	682
Maine	359	2,523	292	293	407	3,843	440	416	415	4,270	504	471
N.H.	299	2,362	303	409	338	3,529	436	537	354	4,081	523	636
Vt.	160	1,240	149	335	179	1,776	204	432	189	1,895	213	448
Mass.	2,283	19,803	2,700	473	2,321	26,518	3,472	597	2,331	28,287	3,753	646
R.I.	362	2,868	373	393	371	3,908	505	524	385	4,398	565	610
Conn.	1,212	12,099	1,844	606	1,244	16,174	2,408	777	1,333	18,518	2,780	892
M.A.	14,308	131,545	18,326	492	14,368	177,156	23,913	642	14,406	189,990	25,981	697
N.Y.	7,054	66,804	9,334	508	6,876	87,315	11,557	639	6,837	92,068	12,310	681
N.J.	2,329	27,018	3,863	537	2,919	37,754	5,381	734	2,957	41,181	5,925	808
Pa.	4,425	37,723	5,129	434	4,573	52,087	6,975	588	4,612	56,741	7,746	653
E.N.C.	14,901	132,711	18,185	451	15,823	189,139	25,659	627	16,191	211,832	29,751	727
Ohio	3,910	34,186	4,711	442	4,181	48,101	6,479	604	4,226	53,126	7,347	687
Ind.	1,879	15,669	2,061	396	2,023	23,231	3,055	575	2,083	26,192	3,615	682
Ill.	4,309	40,247	5,761	518	4,477	57,066	8,214	734	4,599	63,885	9,493	845
Mich.	3,155	29,268	4,008	451	3,353	41,102	5,526	607	3,461	46,834	6,554	720
Wis.	1,648	13,341	1,644	371	1,789	19,639	2,385	520	1,822	21,795	2,742	595
W.N.C.	5,908	45,877	5,767	349	6,416	71,154	9,116	546	6,574	78,985	10,240	609
Minn.	1,389	11,172	1,382	362	1,527	17,392	2,124	542	1,568	19,447	2,433	614
Iowa	1,029	7,880	969	342	1,106	12,650	1,608	562	1,135	14,024	1,830	638
Mo.	1,681	13,643	1,798	384	1,784	19,261	2,537	532	1,832	21,975	2,939	615
N. Dak.	215	1,340	149	240	244	2,720	337	529	260	2,787	347	540
S. Dak.	229	1,414	156	233	253	2,390	279	410	260	2,625	316	461
Nebr.	552	4,031	510	243	615	6,646	867	562	626	7,106	902	581
Kans.	813	6,397	803	357	887	10,095	1,364	598	893	11,021	1,473	638
S.A.	10,784	86,736	11,371	369	12,725	140,426	18,047	536	13,108	155,267	20,383	600
Del.	207	1,989	299	543	236	2,938	405	700	234	3,179	474	814
Md.	1,474	14,204	1,961	498	1,680	21,892	2,995	727	1,665	22,972	3,211	775
D.C.	320	2,462	386	510	310	3,691	550	773	304	4,103	638	909
Va.	1,659	14,024	1,863	400	1,919	22,635	3,000	602	1,977	25,170	3,384	673
W. Va.	556	4,208	539	308	610	6,707	890	495	640	7,601	1,030	566
N.C.	1,743	12,523	1,518	298	2,004	19,973	2,285	420	2,078	22,044	2,615	478
S.C.	840	5,732	644	248	1,009	9,866	1,093	388	1,044	11,110	1,280	449
Ga.	1,542	11,802	1,481	321	1,776	18,484	2,187	444	1,842	20,682	2,502	503
Fla.	2,443	19,792	2,080	582	3,181	34,240	4,642	561	3,324	38,406	5,249	623
E.S.C.	3,970	28,800	3,453	269	4,599	46,466	5,711	423	4,819	52,832	6,561	480
Ky.	1,034	7,553	920	285	1,159	11,799	1,520	449	1,203	13,378	1,686	492
Tenn.	1,316	9,819	1,232	313	1,529	15,660	1,949	467	1,607	17,544	2,232	530
Ala.	1,030	7,462	856	248	1,190	12,275	1,498	414	1,262	14,259	1,751	478
Miss.	590	3,966	445	201	721	6,732	744	318	747	7,651	892	379
W.S.C.	6,336	48,874	6,350	328	7,615	82,918	11,164	535	7,925	94,881	13,371	631
Ark.	596	4,001	466	241	698	6,479	757	359	740	7,737	924	438
La.	1,062	7,871	987	270	1,277	13,758	1,785	469	1,327	15,961	2,178	567
Okla.	861	6,463	799	311	1,012	10,480	1,309	482	1,025	11,610	1,519	549
Tex.	3,817	30,539	4,098	365	4,628	52,201	7,313	598	4,833	59,573	8,750	701
Mt.	3,006	23,648	2,927	351	3,779	40,736	5,073	527	3,974	46,365	5,845	594
Mont.	250	1,768	213	304	297	2,979	360	483	308	3,359	410	545
Idaho	251	1,695	197	274	308	3,190	371	456	324	3,591	415	499
Wyo.	126	958	124	371	156	1,814	257	684	167	2,142	304	780
Colo.	826	6,802	852	383	1,041	12,051	1,572	619	1,086	13,496	1,783	690
N. Mex.	342	2,437	296	290	419	4,033	484	423	457	4,789	573	491
Ariz.	645	5,362	669	373	845	8,893	1,085	491	879	9,894	1,214	535
Utah	358	2,694	307	288	440	4,690	521	433	466	5,459	625	509
Nev.	208	1,932	269	545	273	3,086	423	717	287	3,635	521	854
Pac.	9,989	89,822	11,544	434	11,543	139,264	17,939	635	12,043	157,192	20,909	728
Wash.	1,228	10,594	1,380	404	1,443	17,557	2,408	677	1,508	19,499	2,750	761
Oreg.	771	6,215	791	376	925	10,166	1,267	555	986	11,804	1,505	646
Calif.	7,588	69,155	8,844	442	8,661	104,481	13,240	625	9,018	117,909	15,454	718
Alaska	100	1,056	150	494	155	2,791	473	1,296	167	3,332	585	1,531
Hawaii	302	2,802	370	490	359	4,269	551	635	364	4,648	615	693
Other[2]	401	2,718	296	183	502	4,781	439	(Z)	490	-4,797	511	(Z)

Z Less than $.50. [1] Less deficit occurring when deductions allowed for computation of adjusted gross income (for definition, see footnote 1, table 442) exceeded gross income.
[2] Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 447. Corporation Income Tax Returns—Summary: 1950 to 1975

[**In billions of dollars, except as indicated.** Beginning 1955, estimates based on samples. All data based on returns for periods ending between **July 1** of year shown and of following year, as filed. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. Excludes returns of inactive corporations. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear on pp. 561–563 and 570–573. See also *Historical Statistics, Colonial Times to 1970*, series Y 381–392]

ITEM	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975
All returns:										
Number of returns.....1,000..	629	807	1,141	1,424	1,665	1,733	1,813	1,905	1,966	2,024
Total receipts [1].....	458	642	849	1,195	1,751	1,906	2,171	2,558	3,090	3,199
Net income less deficit [2].....	43	47	44	74	66	80	97	120	146	143
Returns with net income:										
Number of returns.....1,000..	426	513	670	915	1,008	1,064	1,140	1,203	1,207	1,226
Total receipts [1].....	431	585	724	1,080	1,453	1,621	1,895	2,266	2,647	2,703
Net income [2].....	44	50	50	81	84	97	113	138	171	169
Total tax liability [3].....	17	22	22	30	32	36	40	49	62	60
Distributions to stockholders [4]...	11	13	17	25	30	31	34	40	46	43
Returns without net income:										
Number of returns.....1,000..	203	294	470	509	657	669	673	702	759	797
Total receipts [1].....	27	57	125	115	298	285	276	292	443	496
Deficit [2].....	2	3	7	7	18	17	16	18	25	27
Inactive corporations, number of returns.....1,000..	37	35	47	66	82	71	74	76	77	76

[1] Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. Includes nontaxable interest.
[2] Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1965, includes constructive taxable income from related foreign corporations.
[3] Tax liability is before deduction for foreign tax credit. Beginning 1965, data are after investment credit, and beginning 1972, after work incentive (WIN) credit. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 and 1971, includes tax surcharge; 1970–1975, includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior year work incentive (WIN) credit. [4] Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 448. Corporation Income Tax Returns—Selected Items, by Asset-Size Class: 1965 to 1975

[See headnote, table 447. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182–196]

YEAR AND ITEM	Total	ASSET-SIZE CLASS							
		Under $100 thous.	$100–$499.9 thous.	$500–$999.9 thous.	$1–$4.9 mil.	$5–$9.9 mil.	$10–$49.9 mil.	$50–$99.9 mil.	$100 mil. and over
1965:									
Number of returns.....1,000..	1,424	846	418	73	63	11	10	2	2
Total receipts.....bil. dol..	1,194.6	76.4	172.6	86.7	166.5	57.6	119.6	54.9	460.4
Income subject to tax....bil. dol..	70.8	1.7	3.7	2.4	7.4	3.5	8.5	4.2	39.6
Tax before credits [1].....bil. dol..	31.7	.6	1.5	1.1	3.0	1.4	3.3	1.7	19.2
Tax after credits [1].....bil. dol..	27.3	.5	1.4	1.0	2.8	1.3	3.1	1.5	15.7
Percent distribution:									
Number of returns.....	100	59	29	5	4	1	1	(Z)	(Z)
Total receipts.....	100	6	14	7	14	5	10	5	39
Tax after credits.....	100	2	5	4	10	5	11	5	58
1970:									
Number of returns.....1,000..	1,665	961	506	93	74	13	14	2	3
Total receipts.....bil. dol..	1,750.7	100.3	221.5	117.8	214.2	77.8	158.6	73.4	787.2
Income subject to tax....bil. dol..	72.4	2.1	5.6	3.0	7.0	2.9	6.7	3.1	42.0
Tax before credits [1].....bil. dol..	33.3	.6	1.8	1.2	3.2	1.4	3.2	1.5	20.5
Tax after credits [1].....bil. dol..	27.9	.6	1.7	1.2	3.1	1.4	3.0	1.4	15.4
Percent distribution:									
Number of returns.....	100	58	30	6	4	1	1	(Z)	(Z)
Total receipts.....	100	6	13	7	12	4	9	4	45
Tax after credits.....	100	2	6	4	11	5	11	5	55
1975:									
Number of returns.....1,000..	2,024	1,882			101	15	18	3	4
Total receipts.....bil. dol..	3,198.6	616.2			384.6	131.5	277.3	131.4	1,657.6
Income subject to tax [2]..bil. dol..	146.6	14.8			12.0	5.1	11.7	5.2	97.8
Tax before credits [1].....bil. dol..	66.1	4.3			5.1	2.3	5.4	2.4	46.5
Tax after credits [1].....bil. dol..	39.7	3.8			4.7	2.2	4.9	2.2	21.9
Percent distribution:									
Number of returns.....	100	93			5	1	1	(Z)	(Z)
Total receipts.....	100	19.3			12.0	4.1	8.7	4.1	51.8
Tax after credits.....	100	9.6			11.8	5.5	12.3	5.5	55.2

Z Less than .5 percent. [1] Before (after) deduction for foreign tax credit, investment credit, and, for 1975, work incentive (WIN) credit. Includes tax from recomputing prior year investment credit and, for 1970 and 1975, additional tax for tax preferences. For 1975, includes tax from recomputing prior year work incentive (WIN) credit.
[2] Excludes tax preference items upon which additional tax for tax preferences is based.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns, 1965, 1970*, and *1975*.

No. 449. Public Debt of the Federal Government: 1900 to 1977

[As of June 30 except, beginning 1977, as of Sept. 30, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

YEAR	GROSS DEBT			INTEREST PAID	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1900	1.3	2.9	$17	(Z)	7.7
1905	1.1	−2.2	14	(Z)	4.3
1910	1.1	.3	12	(Z)	3.1
1915	1.2	.8	12	(Z)	3.0
1920	24.3	80.0	228	1.0	15.9
1925	20.5	−3.3	177	.9	28.8
1930	16.2	−4.6	132	.7	19.2
1935	28.7	12.1	226	.8	12.6
1940	43.0	8.4	325	1.0	11.5
1945	258.7	43.0	1,849	3.6	3.7
1950	256.1	−.1	1,688	5.7	14.5
1955	272.8	1.3	1,651	6.4	9.3
1960	284.1	.9	1,572	9.2	10.0
1961	286.4	.9	1,559	9.0	9.2
1962	295.4	3.1	1,582	9.1	8.5
1963	302.7	2.5	1,598	9.9	8.9
1964	308.1	1.8	1,604	10.7	9.0
1965	313.8	1.9	1,613	11.3	9.5
1966	316.1	.7	1,605	12.0	8.9
1967	322.9	2.2	1,622	13.4	8.5
1968	345.4	7.0	1,717	14.6	8.2
1969	352.9	2.2	1,737	16.6	9.0
1970	370.1	4.9	1,807	19.3	9.8
1971	397.3	7.4	1,919	21.0	9.9
1972	426.4	7.3	2,042	21.8	9.4
1973	457.3	7.2	2,174	24.2	9.8
1974	474.2	3.7	2,238	29.3	10.9
1975	533.2	12.4	2,496	32.7	10.1
1976	620.4	16.4	2,884	37.1	10.1
1976, [5]	634.7	(X)	2,951	8.1	8.6
1977	698.8	10.1	2,884	41.9	10.4

X Not applicable. Z Less than $50 million. [1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for each year as follows (in billions of dollars): 1950, .9; 1955, 1.6; 1960, 2.2; 1962, 2.8; 1963, 3.2; 1964, 3.6; 1965, 3.5; 1966, 3.8; 1967, 3.3; 1968, 2.2; and, 1969 through 1976, .8. [2] From preceding year shown; for 1900, from 1895. Minus sign (−) denotes decrease. [3] Based on estimated July 1 population; prior to 1960, excludes Alaska and Hawaii. [4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, outlays, net of applicable receipts. [5] For 15 months ending Sept. 30.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government.*

No. 450. Federal Government Interest-Bearing Public Debt: 1960 to 1977

[In billions of dollars. As of June 30 except, beginning 1977, as of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 497 and Y 500-504]

DEBT INSTRUMENT	1960	1965	1970	1974	1975	1976	1977	PERCENT OF TOTAL					
								1960	1965	1970	1975	1976	1977
Total	283.2	313.1	369.0	473.2	532.1	619.3	697.6	100.0	100.0	100.0	100.0	100.0	100.0
Computed interest rate	3.30	3.68	5.56	6.56	6.35	6.44	6.42	(X)	(X)	(X)	(X)	(X)	(X)
Marketable [1]	183.8	208.7	232.6	266.6	315.6	392.6	443.5	64.9	66.7	63.0	59.3	63.4	63.6
Bills	33.4	53.7	76.2	105.0	128.6	161.2	156.1	11.8	17.1	20.6	24.2	26.0	22.4
Notes	51.5	52.5	93.5	128.4	150.2	191.8	241.7	18.2	16.8	25.3	28.2	31.0	34.6
Treasury bonds [2]	81.2	102.5	63.0	33.1	36.8	39.6	45.7	28.7	32.7	17.1	6.9	6.4	6.6
Nonmarketable	99.4	104.5	136.4	206.7	216.5	226.7	254.1	35.1	33.4	37.0	40.7	36.6	36.4
U.S. savings bonds	47.5	50.0	51.3	61.9	65.4	69.7	75.4	16.8	16.0	13.9	12.3	11.3	10.8
Treasury bonds, other [3]	7.0	5.8	8.8	29.3	26.9	26.4	38.6	2.5	1.8	2.3	5.1	4.3	5.5
Govt. account series [4]	44.9	48.7	76.3	115.4	124.2	130.6	140.1	15.9	15.5	20.7	23.3	21.1	20.1
Marketable debt, by maturity:													
Within 1 year	70.5	87.6	105.5	139.9	163.9	204.2	217.9	24.9	28.0	28.6	30.8	33.0	31.2
1-5 years	72.8	56.2	89.6	77.2	101.9	127.0	148.4	25.7	17.9	24.3	19.2	20.5	21.3
5-10 years	20.2	39.2	15.9	27.0	26.8	35.6	45.9	7.1	12.5	4.3	5.0	5.7	6.6
10-20 years	12.6	8.5	10.5	17.4	14.5	14.0	13.0	4.4	2.7	2.8	2.7	2.3	1.9
20 years and over	7.7	17.2	11.0	5.1	8.4	11.9	18.3	2.7	5.5	3.0	1.6	1.9	2.6
Avg. length, yr.-mo.	4-4	5-4	3-8	3-0	3-0	2-11	2-11	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. [1] For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately. [2] Bank eligible bonds. [3] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds, beginning 1965; and U.S. savings notes, beginning 1970.
[4] Prior to July 1974, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury* and *Monthly Statement of the Public Debt of the United States.* In *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* and in *Treasury Bulletin*, monthly.

No. 451. Interest-Bearing Government Securities Outstanding: 1950 to 1977

[In billions of dollars. As of June 30 except, beginning 1977, as of Sept. 30. Par values, except U.S. savings bonds series E, F, J, and U.S. savings notes, which are included at current redemption values. Data for 1950–1960 not strictly comparable with later years]

TYPE OF SECURITY	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total	281	317	360	420	521	562	605	651	686	759	859	968
Tax exempt [1]	37	46	70	97	139	154	169	183	201	215	229	260
Percent of total	13.2	14.5	19.4	23.1	26.7	27.4	27.9	28.1	29.3	28.5	26.7	26.9
Taxable [2]	211	228	245	274	306	325	346	366	370	419	499	568
Government account series [3]	32	43	45	49	76	83	90	102	115	124	131	140
By issuer:												
U.S. Treasury	255	272	283	313	369	396	425	456	473	532	619	698
Government agencies [4]	1	3	8	9	13	12	11	11	12	11	11	10
State and local govts [1] [5]	24	43	68	97	139	154	169	183	201	215	229	260

[1] Source: Board of Governors, Federal Reserve System. [2] Interest is subject to both normal and surtax rates of Federal income tax. [3] Prior to July 1, 1974, known as U.S. Treasury special issues.
[4] Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. [5] Wholly tax-exempt. Includes Industrial Pollution Control Bonds.

No. 452. Estimated Ownership of Federal Securities: 1960 to 1977

[In billions of dollars, except percent. As of June 30 except, beginning 1977, as of Sept. 30. Data refer to securities that are classified as debt under the unified budget concept. See also headnote, table 451]

OWNERSHIP	1960	1965	1970	1972	1973	1974	1975	1976	1977
Total outstanding [1]	290.9	323.1	382.6	437.3	468.4	486.2	544.1	631.4	708.7
Commercial banks [2]	56.1	60.7	54.8	62.7	60.7	55.6	70.9	94.4	102.3
Federal Reserve banks	26.5	39.1	57.7	71.4	75.2	80.7	84.9	94.7	105.0
U.S. Government accounts	53.7	61.6	97.8	113.7	125.4	140.2	147.3	151.6	157.3
Private nonbank investors	154.6	161.8	172.4	189.6	207.2	209.8	241.0	290.7	344.1
Individuals [3]	71.5	72.6	83.2	74.2	76.8	81.7	88.1	97.2	104.3
Insurance companies	12.3	11.1	8.0	7.2	6.9	6.3	7.5	11.0	15.0
Mutual savings banks	7.1	6.2	3.7	4.0	4.0	3.0	4.0	5.8	6.5
Corporations [4]	20.9	15.9	8.9	9.4	10.0	11.3	13.6	24.7	24.5
State and local governments	19.9	26.4	32.8	30.0	32.0	32.1	35.2	43.0	56.5
Other [1] [5]	*22.9*	*29.5*	*36.0*	*64.7*	*77.5*	*75.4*	*92.7*	109.0	137.4
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Commercial banks [2]	19.3	18.8	14.3	14.3	13.0	11.4	13.1	15.0	14.4
Federal Reserve banks	9.1	12.1	15.0	16.3	16.0	16.6	15.6	15.0	14.8
U.S. Government accounts	18.5	19.1	25.6	26.0	26.8	28.8	27.1	24.0	22.2
Private nonbank investors	53.1	50.0	45.1	43.4	44.2	43.2	44.2	46.0	48.5
Individuals [3]	24.6	22.5	21.7	17.0	16.4	16.8	16.1	15.4	14.7
Insurance companies	4.2	3.4	2.1	1.6	1.5	1.3	1.4	1.7	2.1
Mutual savings banks	2.4	1.9	1.0	.9	.9	.6	.7	.9	.9
Corporations [4]	7.2	4.9	2.3	2.2	2.1	2.3	2.5	3.9	3.5
State and local governments	6.8	8.1	8.6	6.9	6.8	6.6	6.1	6.8	8.0
Other [1] [5]	7.9	9.2	9.4	14.8	16.5	15.7	17.4	17.3	19.4

[1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions.
[2] Consists of commercial banks, trust companies, and stock savings banks in the U.S. and outlying areas.
[3] Includes partnerships and personal trust accounts. [4] Excludes banks and insurance companies.
[5] Consists of savings and loan associations, nonprofit associations, corporate pension trust funds, dealers and brokers, and investments of foreign balances and international accounts in this country. Also included are certain Government deposit accounts and Government-sponsored agencies.

Source of tables 451 and 452: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly, and *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 453. U.S. Savings Bonds: 1935 to 1977

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series Y 500, for similar but not exactly comparable data]

BOND BALANCE	1935–1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Amounts outstanding [1]	58.0	57.9	47.2	50.3	51.8	54.3	57.6	60.3	63.3	67.5	71.9	76.6
Funds from sales	91.7	6.3	4.4	4.5	4.7	5.5	6.2	6.3	6.9	7.0	7.6	8.0
Accrued discounts	5.6	1.2	1.3	1.5	1.0	2.2	2.4	2.7	3.0	3.4	3.6	4.0
Redemptions [2]	39.0	7.3	6.7	5.4	6.3	5.2	5.4	6.2	6.8	6.3	6.8	7.1

[1] Interest-bearing debt only for amounts end of period or end of year.
[2] Comprises both matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin*.

No. 454. Federal Civilian Employment and Annual Payrolls, by Branch: 1955 to 1977

[Includes employees in U.S. territories (Commonwealth, Trust Territory, Condominium, Outlying Areas, and Disputed Island) and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual employment figures are for fiscal year and are averages of monthly (as of last day) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for employment as of June 30]

BRANCH OF GOVERNMENT	1955	1960	1965	1970	1973	1974	1975	1976	1977
Employment, total [1] ...1,000	2,402	[2] 2,430	2,539	[2] 2,928	2,788	2,866	2,882	2,879	2,855
Percent of all U.S. employed [3]	3.9	3.7	3.6	3.7	3.3	3.1	3.1	3.0	2.9
Executive [1] ...1,000	2,376	[2] 2,403	2,507	[2] 2,891	2,745	2,820	2,834	2,831	2,804
Rate per 1,000 population	14.3	13.1	12.8	14.1	13.1	13.3	13.3	13.2	12.8
Legislative ...1,000	22	23	25	30	34	36	37	38	39
Judicial ...1,000	4	5	6	7	9	9	10	11	12
Payrolls, total [1] ...mil. dol.	10,295	[2] 13,243	18,020	[2] 28,562	34,474	37,590	40,699	42,259	45,895
Percent of total Federal outlays	15.0	14.4	15.2	14.5	14.0	14.0	12.6	11.5	15.6
Executive [1] ...mil. dol.	10,146	[2] 13,052	17,746	[2] 28,117	33,869	36,935	39,944	41,450	44,976
Legislative ...mil. dol.	122	154	216	353	474	519	589	631	700
Judicial ...mil. dol.	26	36	58	92	131	137	166	179	219

[1] Includes Postal Service Christmas help. [2] Includes 36,417 temporary census workers in 1960; 33,000 in 1970.
[3] Civilian only. See table 645.

No. 455. Federal Civilian Employment—Summary: 1960 to 1977

[In thousands. Partially estimated. As of Dec. 31. Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, D.C., SMSA [1]			
	1960	1965	1970	1973	1974	1975	1976	1977	1965	1970	1975	1977
Paid employment	2,213	2,403	2,645	2,667	2,724	2,741	2,725	2,724	275	316	349	353
Male	1,668	1,813	1,931	1,875	1,896	1,896	1,867	1,846	165	180	206	203
Female	545	590	714	793	828	845	858	878	110	136	143	150
Full-time	2,084	2,267	2,516	2,422	2,480	2,496	2,464	2,463	268	308	333	335
Other	129	136	129	245	244	245	261	261	7	8	16	18
Competitive service [2]	2,041	2,201	2,393	1,643	1,704	1,714	1,715	1,706	231	262	257	261
Career	1,676	1,788	1,991	1,281	1,284	1,300	1,322	1,361	173	198	191	205
Career-conditional	251	298	290	296	358	354	335	289	49	53	55	47
Temporary [3]	114	115	112	66	62	60	58	56	9	11	11	9
Excepted service [2] [4]	172	202	252	1,000	1,020	1,027	1,010	1,018	44	54	91	92
Permanent	100	112	164	846	864	863	858	846	32	38	71	72
Other	72	90	88	154	156	164	152	172	12	16	20	20
White-collar	1,639	1,850	2,113	2,182	2,231	2,255	2,254	2,256	237	278	314	320
Blue-collar	574	553	532	486	493	486	471	468	38	38	35	33

[1] See footnote 2, table 457. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite."
[4] Excepted from competitive requirements of Civil Service Act.

No. 456. Federal Civilian Employees, Characteristics: 1963 to 1973

[As of June 30]

CHARACTERISTIC	1963				1970				1973			
	Total	Male	Female		Total	Male	Female		Total	Male	Female	
			Number	Percent			Number	Percent			Number	Percent
Employees, total ...1,000	2,300	1,739	561	24.4	2,824	1,967	856	30.3	2,685	1,883	801	29.8
Under 30 years of age ...1,000	293	179	114	38.9	637	354	283	44.4	535	298	236	44.3
30–49 years ...1,000	1,343	1,067	277	20.6	1,346	988	358	26.6	1,176	858	318	27.0
50 years and over ...1,000	664	494	170	25.6	841	625	216	25.7	974	727	246	25.3
Average age ...years	43.1	43.5	42.0	(X)	41.4	42.5	39.0	(X)	42.9	44.1	40.3	(X)
Employed: [1]												
Less than 5 years ...1,000	313	167	146	46.7	730	353	378	51.7	408	198	209	51.2
5–9 years ...1,000	441	324	116	26.3	549	385	163	29.8	572	340	232	40.6
10–19 years ...1,000	889	693	196	22.0	770	584	186	24.2	774	588	185	23.9
20 years or more ...1,000	657	555	103	15.9	775	646	129	16.6	837	698	139	16.6
Avg. length of service ...years	14.2	15.1	11.2	(X)	13.1	14.7	9.4	(X)	15.1	16.7	11.1	(X)

X Not applicable. [1] 1973 figures exclude 95,001 employees whose length of service was unspecified.

Source of tables 454-456: U.S. Civil Service Commission, *Annual Report; Monthly Release of Federal Civilian Workforce Statistics;* and unpublished data.

No. 457. Paid Civilian Employment in the Federal Government—States and *Other Areas: 1960 to 1977*

[As of December 31. Excludes Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

State or other area	Total employment (1,000)						Percent of U.S.			Employment in selected agencies, 1977 [1] (1,000)			
	1960	1965	1970	1975	1976	1977	1970	1975	1977	Dept. of Defense	Postal Service	Veterans Admin.	Dept. of HEW
Total	**2,373**	**2,570**	**2,875**	**2,870**	**2,844**	**2,823**	(x)	(x)	(x)	**972.4**	**687.0**	**223.6**	**157.8**
U.S.	2,213	2,403	2,665	2,738	2,717	2,697	100.0	100.0	100.0	899.6	684.2	221.3	157.0
D.C. area [2]	236	275	318	335	338	329	11.9	12.2	12.2	79.7	17.8	6.4	37.6
50 States [2]	1,977	2,128	2,348	2,403	2,379	2,368	88.1	87.8	87.8	819.9	666.4	214.9	119.4
Ala.	60.9	59.5	54.3	58.5	59.2	50.4	2.0	2.1	1.9	24.9	8.1	4.6	2.9
Alaska	12.6	13.5	14.5	15.1	15.8	16.5	.6	.6	.6	4.6	1.4	.1	1.7
Ariz.	*19.8*	*22.7*	*27.5*	*33.6*	*34.5*	*35.2*	*1.1*	*1.2*	*1.3*	*10.1*	*5.9*	*2.7*	*3.1*
Ark.	13.1	15.1	16.6	18.7	18.3	18.7	.6	.7	.7	4.5	5.4	3.5	.9
Calif.	239.5	265.1	303.5	297.8	291.6	294.8	11.4	10.9	10.4	130.7	69.6	22.1	11.7
Colo.	33.9	37.7	42.3	48.7	48.6	48.7	1.6	1.8	1.8	14.4	8.8	2.6	1.5
Conn.	14.6	16.4	20.4	21.0	20.8	20.7	.8	.8	.8	3.1	10.1	2.5	.5
Del.	3.4	3.7	4.7	5.2	5.2	5.1	.2	.2	.2	1.9	1.6	.7	.1
Fla.	48.0	57.2	69.3	78.4	78.3	79.9	2.6	2.9	3.0	28.7	21.9	8.5	2.2
Ga.	55.5	64.9	73.8	75.0	75.7	77.1	2.8	2.7	2.9	35.0	13.5	4.5	5.0
Hawaii	22.1	23.5	26.3	25.3	24.9	25.1	1.0	.9	.9	19.0	2.0	.2	.2
Idaho	6.2	7.4	8.2	9.8	10.3	11.0	.3	.4	.4	1.2	2.2	.5	.2
Ill.	98.9	104.3	110.7	106.6	103.0	102.9	4.2	3.9	3.8	20.1	43.4	11.8	6.4
Ind.	31.7	35.1	44.4	40.8	39.1	39.4	1.7	1.5	1.5	13.3	14.5	3.6	.9
Iowa	15.8	16.7	18.1	19.2	19.1	19.4	.7	.7	.7	1.5	9.7	3.2	.5
Kans.	21.1	19.7	22.3	23.1	22.9	23.0	.8	.8	.9	6.4	8.1	3.2	.4
Ky.	27.6	29.5	34.7	35.9	35.4	32.8	1.3	1.3	1.2	13.3	9.0	3.3	.8
La.	22.9	25.2	27.6	30.6	31.2	31.7	1.1	1.1	1.2	8.7	9.0	3.5	2.2
Maine	17.3	15.1	15.1	12.1	9.3	9.3	.6	.4	.4	2.1	3.8	1.3	.2
Md. [2]	45.3	51.8	62.0	64.7	64.4	62.7	2.3	2.4	2.3	21.7	9.4	2.9	23.8
Mass.	62.2	60.9	63.5	58.4	57.6	58.5	2.4	2.1	2.2	11.7	22.1	7.4	2.7
Mich.	42.4	47.3	53.4	54.6	53.9	53.9	2.0	2.0	2.0	12.2	24.4	5.5	1.9
Minn.	24.6	26.9	29.3	30.3	29.6	29.9	1.1	1.1	1.1	3.1	13.7	4.8	1.0
Miss.	*15.7*	*17.6*	*20.3*	*24.1*	*24.5*	*25.4*	*.8*	*.9*	*.9*	*10.9*	*5.0*	*2.8*	*.7*
Mo.	50.0	56.2	65.0	66.4	66.1	66.3	2.4	2.4	2.5	20.7	18.3	5.7	4.9
Mont.	8.4	9.8	10.3	12.2	12.3	12.8	.4	.4	.5	1.5	2.6	.6	.9
Nebr.	15.4	14.9	15.1	16.1	15.7	15.7	.6	.6	.6	3.7	5.6	2.0	.3
Nev.	5.8	7.4	8.1	8.9	9.1	9.3	.3	.3	.4	2.5	1.8	.6	.3
N.H.	3.6	4.4	5.5	10.2	13.3	14.3	.2	.4	.5	8.9	2.6	.7	.2
N.J.	53.8	58.3	65.9	71.0	69.2	68.8	2.5	2.6	2.6	27.5	28.7	4.7	1.6
N. Mex.	22.8	24.3	25.1	26.9	27.2	27.4	.9	1.0	1.0	9.3	2.8	1.4	2.4
N.Y.	179.8	173.1	177.8	172.3	166.5	166.2	6.7	6.3	6.2	19.4	76.3	20.3	10.5
N.C.	28.5	31.4	37.3	42.3	41.6	42.1	1.4	1.5	1.6	13.9	12.6	4.8	1.8
N. Dak.	5.9	6.9	8.1	9.1	8.9	8.9	.3	.3	.3	2.0	2.6	.6	.4
Ohio	88.8	93.5	96.9	93.6	92.4	92.3	3.6	3.4	3.4	33.3	32.3	8.3	2.8
Okla.	42.1	46.9	52.8	47.7	47.5	47.4	2.0	1.7	1.8	24.1	8.2	2.3	1.7
Oreg.	20.0	22.0	24.1	25.6	25.9	27.0	.9	.9	1.0	3.2	6.3	2.5	.7
Pa.	129.1	133.3	137.7	132.3	127.8	127.3	5.2	4.8	4.7	49.6	39.1	11.1	6.9
R.I.	12.3	13.2	14.6	10.1	9.7	10.6	.6	.4	.4	5.6	2.9	1.1	.2
S.C.	22.5	25.8	29.3	30.7	31.1	31.6	1.1	1.1	1.2	18.8	6.0	2.2	.7
S. Dak.	9.0	9.1	9.3	10.8	10.8	10.6	.3	.4	.4	1.4	2.6	1.8	.9
Tenn.	34.1	40.7	44.8	55.4	57.5	37.1	1.7	2.0	1.4	8.3	12.3	5.9	.7
Tex.	112.6	126.7	144.7	149.6	149.9	151.5	5.4	5.5	5.6	60.1	35.0	13.4	4.2
Utah	26.4	32.5	38.3	35.3	35.1	36.3	1.4	1.3	1.4	21.1	3.1	1.5	.2
Vt.	*3.1*	*3.2*	*3.7*	*4.4*	*4.3*	*4.5*	*.2*	*.2*	*.2*	*.5*	*1.9*	*.7*	*.1*
Va. [2]	66.9	70.7	74.0	78.0	78.1	79.0	2.8	2.9	2.9	51.0	10.3	5.0	1.3
Wash.	45.6	48.3	52.6	57.8	57.7	59.7	2.0	2.1	2.2	24.9	10.3	3.9	2.5
W. Va.	10.5	11.6	13.3	15.6	15.5	15.7	.5	.6	.6	1.6	5.7	2.7	.7
Wis.	20.4	22.3	25.5	26.8	26.3	26.6	1.0	1.0	1.0	3.0	12.6	4.8	.9
Wyo.	4.7	5.0	5.2	6.1	6.3	6.5	.2	.2	.3	.9	1.2	.5	.1
Outside U.S.	159.7	167.1	209.9	131.8	126.8	126.7	(x)	(x)	(x)	72.8	2.8	2.3	.8
Territories	32.2	33.8	36.9	33.0	33.3	33.7	(x)	(x)	(x)	10.2	2.8	2.0	.7
Foreign	127.5	133.3	173.0	98.8	93.5	93.0	(x)	(x)	(x)	62.6	–	.3	.1

– Represents zero. X Not applicable. [1] Partially estimated.

[2] Washington, D.C., Standard Metropolitan Statistical Area includes District of Columbia, Alexandria and Falls Church cities, Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.; beginning 1965, Fairfax City, Va.; beginning July 1967, Loudoun and Prince William Counties, Va.; beginning July 1973, Charles County, Md.; and beginning July 1975, Manassas and Manassas Park, Va. These areas are excluded from data for the 50 States.

Source: U.S. Civil Service Commission, *Monthly Release of Federal Civilian Workforce Statistics* and *Federal Civilian Employment in the United States by Geographic Area*, annual.

No. 458. Paid Civilian Employment in the Federal Government, by Agency, All Areas: 1960 to 1978

[As of June 30 through 1976; thereafter, as of Sept. 30 except as noted. See headnote, table 454. See also *Historical Statistics, Colonial Times to 1970*, series Y 308–317]

AGENCY	1960	1965	1970	1975	1976	1977	1978 [1]
All agencies	2,398,373	[2]2,527,492	2,921,909	2,896,944	2,883,134	2,841,152	2,838,806
Percent Dept. of Defense	43.7	40.9	40.9	36.0	35.0	34.6	34.6
Percent Postal Service	23.5	23.6	24.9	24.1	23.5	23.2	22.8
Legislative branch	22,886	25,947	30,715	38,531	39,234	39,429	39,148
Congress	7,091	9,296	11,815	17,317	18,019	18,329	18,069
United States Senate	2,817	3,474	4,362	6,144	6,733	6,591	6,512
U.S. House of Representatives	4,274	5,822	7,453	11,173	11,286	11,738	11,544
Comm. on Security and Cooperation in Europe [3]	(X)	(X)	(X)	(X)	(X)	14	13
Architect of the Capitol	1,363	1,519	1,631	2,061	2,103	2,249	2,214
General Accounting Office	5,066	4,274	4,631	5,513	5,417	5,355	5,382
Government Printing Office	6,540	7,416	8,557	8,549	8,260	7,788	7,672
Library of Congress	2,779	3,386	3,848	4,649	4,930	5,069	5,181
Judicial branch	4,992	5,904	6,887	10,399	11,259	12,625	12,785
United States Courts	(NA)	(NA)	6,664	10,122	10,956	12,311	12,459
Supreme Court	(NA)	(NA)	223	277	303	314	326
Executive branch	2,370,495	2,495,641	2,884,307	2,848,014	2,832,641	2,789,098	2,786,873
Executive Office of the President:							
White House Office	446	333	311	625	541	464	379
Office of Management and Budget	434	524	633	673	724	709	621
Council of Economic Advisers	32	46	59	40	39	38	34
Council on Environ. Quality [4]	(X)	(X)	32	69	59	49	51
Executive Mansion and Grounds	70	71	73	81	83	80	87
National Security Council	65	38	75	89	95	73	65
Office of Telecomm. Policy [5]	(X)	(X)	(X)	76	96	56	70
All other	1,872	1,837	3,559	265	252	247	409
Executive departments:							
Agriculture	98,694	113,017	116,012	120,999	128,052	127,497	114,099
Commerce	[6] 49,300	33,668	[6] 57,674	36,228	37,569	37,761	38,645
Defense	1,047,120	1,033,775	1,193,784	1,041,829	1,010,261	981,747	982,198
Office of the Secretary [7]	1,805	2,297	2,375	2,189	4,815	2,734	(X)
Department of the Army	390,046	366,726	443,369	378,937	368,219	350,549	350,130
Department of the Navy	347,760	333,271	376,340	319,719	315,885	310,119	311,108
Department of the Air Force	307,449	291,500	306,323	268,466	252,687	243,810	243,643
Other defense activities [7]	–	39,981	65,377	72,518	68,655	74,535	77,317
Energy [8]	(X)	(X)	(X)	(X)	(X)	(X)	19,743
Health, Education, and Welfare	61,641	87,316	108,044	147,125	155,096	155,886	158,364
Housing and Urban Development [9]	11,105	13,777	15,190	17,161	16,579	17,770	17,575
Interior	56,111	70,711	73,361	80,198	81,844	83,419	75,937
Justice	30,942	33,222	39,257	51,541	53,982	53,081	52,962
Labor	7,096	9,527	10,991	14,834	16,730	16,752	17,271
State	37,983	39,552	39,753	30,376	30,457	29,991	30,092
Agency for Int'l Development	[10] 14,443	15,098	14,974	6,591	6,198	6,092	5,977
Transportation [11]	38,291	45,421	65,985	75,035	77,287	75,163	74,445
Treasury	76,179	88,761	92,521	121,546	325,600	123,615	132,393
Independent agencies:							
ACTION [12]	(X)	1,104	1,317	1,864	1,932	1,921	2,031
Amer. Battle Monuments Comm.	461	439	404	399	399	386	385
Arms Control and Disarmament Agency	(X)	175	177	190	198	201	218
Atomic Energy Commission [13]	6,907	7,329	7,347	(X)	(X)	(X)	(X)
Board of Governors, Federal Reserve System	598	667	1,016	1,460	1,481	1,483	1,462
Canal Zone Government	2,625	3,028	3,318	3,299	3,215	3,280	3,292
Civil Aeronautics Board	755	846	682	728	758	784	797
Civil Service Commission	3,579	3,789	5,508	8,157	8,131	8,440	8,794
Commission on Civil Rights	82	109	153	275	301	331	329
Community Services Admin. [14]	(X)	(X)	(X)	1,112	1,099	1,057	1,065
Consumer Prod. Safety Comm. [15]	(X)	(X)	(X)	959	962	952	991
ERDA [8 13]	(X)	(X)	(X)	8,262	9,038	9,536	(X)
Environmental Protection Agency	(X)	(X)	(X)	10,772	11,089	11,339	12,423
Equal Empl. Opportunity Comm.	(X)	19	850	2,183	2,399	2,373	2,368
Export-Import Bank, U.S.	237	308	358	444	451	426	432
Farm Credit Administration	245	235	235	223	239	254	259
Federal Communications Comm.	1,403	1,541	1,537	2,137	2,094	2,136	2,118
Federal Deposit Insurance Corp.	1,249	1,544	2,478	3,103	3,441	3,511	3,578
Federal Energy Administration [8 16]	(X)	(X)	(X)	3,245	3,478	3,807	(X)
Federal Home Loan Bank Board	1,000	1,300	1,273	1,452	1,454	1,450	1,467
Federal Maritime Commission [17]	(X)	251	233	314	309	307	302
Federal Mediation and Conciliation Service	347	422	450	523	541	547	575
Federal Power Commission [8]	859	1,163	1,132	1,322	1,365	1,363	(X)
Federal Trade Commission	782	1,157	1,330	1,661	1,739	1,719	1,777

See footnotes at end of table.

No. 458. Paid Civilian Employment in the Federal Government, by Agency, All Areas: 1960 to 1978—Continued

[See headnote page 280]

AGENCY	1960	1965	1970	1975	1976	1977	1978 [1]
Independent agencies:—Continued							
General Services Administration	28,211	36,524	37,945	39,561	38,857	36,625	37,624
International Communications Agency [18]	10,915	11,628	10,262	8,809	8,732	8,497	8,348
International Trade Commission [19]	271	298	242	427	436	360	386
Interstate Commerce Commission	2,381	2,427	1,755	2,115	2,178	2,145	2,115
Nat'l Aero. and Space Admin	10,232	34,049	32,548	26,447	26,244	24,435	24,191
Nat'l Credit Union Admin. [5]	(X)	(X)	419	570	594	582	584
National Foundation on the Arts and the Humanities [20]	(X)	(X)	103	503	513	557	893
National Labor Relations Board	1,750	2,252	2,144	2,485	2,642	2,818	2,906
National Mediation Board	129	135	126	103	105	101	101
National Science Foundation	734	1,116	1,211	1,424	1,456	1,420	1,360
Nuclear Regulatory Commission [13]	(X)	(X)	(X)	2,247	2,639	2,822	2,902
Panama Canal Company	11,436	11,936	12,571	11,689	10,597	10,898	11,409
Railroad Retirement Board	2,234	1,767	1,734	1,981	1,990	1,907	1,939
Renegotiation Board	284	184	236	198	183	178	176
Securities and Exchange Comm	980	1,420	1,454	2,002	1,943	1,976	1,967
Selective Service System	6,230	7,587	8,395	2,257	208	70	70
Small Business Administration	2,244	3,751	4,269	4,796	4,741	5,230	5,700
Smithsonian Institution	1,555	2,334	2,641	3,746	4,024	3,834	3,961
Soldiers' and Airmen's Home	1,041	1,134	1,126	1,041	1,049	1,027	1,030
Tennessee Valley Authority	14,993	16,797	22,244	28,423	31,302	37,657	40,121
U.S. Postal Service [21]	562,868	595,512	726,472	699,174	675,653	657,832	648,419
Veterans Administration	172,338	167,059	168,719	213,143	222,313	223,398	227,903
All other	1,159	709	579	2,019	2,783	2,728	2,665

– Represents zero. NA Not available. X Not applicable. [1] As of Jan. 31. Includes 25,359 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. [2] Includes 33,480 appointments under Youth Opportunity Campaign. [3] Established in April 1977. [4] Agency established in 1969. [5] Agency established in 1970. [6] 1960 includes 15,574 temporary piece-rate workers on 1960 census; 1970 includes 24,278 enumerators on 1970 census. [7] Beginning 1978, data on Office of the Secretary are not available separately; included in Other defense activities. [8] Dept. of Energy established Oct. 1, 1977; comprises ERDA, Federal Energy Admin., Federal Power Comm., and the fuel elements of the Dept. of Interior. [9] Includes Housing and Home Finance Agency, transferred in 1965. [10] International Cooperation Administration, predecessor of AID. [11] 1960 and 1965 data represent Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in April 1967.
[12] Formerly Peace Corps; became an independent agency in 1971. [13] In Jan. 1975, Atomic Energy Commission was divided into Energy Research and Development Admin. and Nuclear Regulatory Commission.
[14] Established in 1974 as successor to Office of Economic Opportunity. [15] Established Oct. 1972.
[16] Established June 28, 1974. [17] Became an independent agency in 1961. [18] In March 1978 United States Information Agency became International Communications Agency. [19] Formerly Tariff Commission.
[20] Established in 1965. [21] Post Office, an executive department through 1970, reorganized and became U.S. Postal Service, an independent agency, as of July 1, 1971.

Source: U.S. Civil Service Commission, *Annual Report* and *Monthly Release of Federal Civilian Workforce Statistics*.

No. 459. Accessions to and Separations From Paid Civilian Employment in the Federal Government: 1965 to 1977

[For years ending June 30. Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES					WASHINGTON, D.C., SMSA [1]				
	1965	1970	1975	1976	1977 [2]	1965	1970	1975	1976	1977 [2]
Accessions, total 1,000	480.4	560.7	601.2	572.5	67.3	59.5	64.5	74.5	71.1	67.3
Monthly rate [3]	1.7	1.7	1.9	1.8	1.6	1.9	1.8	1.9	1.8	1.6
Separations, total 1,000	445.5	641.1	588.9	590.4	67.4	51.0	69.5	69.3	67.4	67.4
Monthly rate [3]	1.6	2.0	1.8	1.8	1.6	1.8	1.9	1.8	1.7	1.6
Quit [4] 1,000	192.1	[5] 311.5	213.2	198.8	28.4	31.8	[5] 38.8	29.6	28.9	28.4
Reduction in force 1,000	16.1	[5] 17.5	[5] 10.4	47.8	[5] .8	.2	[5] .6	[5] 1.1	2.5	[5] .8
Discharge [6] 1,000	8.9	[5] 19.7	[5] 17.2	18.4	[5] 12.1	.8	[5] 2.0	[5] 1.8	1.7	[5] 12.1
Other [7] 1,000	228.4	[5] 292.3	[5] 348.1	325.4	[5] 36.1	18.2	[5] 28.1	[5] 36.8	34.3	[5] 36.1

[1] Standard Metropolitan Statistical Area. For areas included, see footnote 2, table 457. [2] Year ending Sept. 30.
[3] Per 100 employees. [4] Represents resignation, transfer to other Federal agency, and abandonment of position. [5] Partially estimated.
[6] Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. [7] Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source: U.S. Civil Service Commission, *Monthly Release of Federal Civilian Workforce Statistics*, and unpublished data.

No. 460. Paid Civilian Employment in Full-Time Positions in the Federal Government, All Areas: 1960 to 1977

[As of June 30 through 1970; as of March 31 thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Department of Commerce, and small number for whom rates were not reported. See also *Historical Statistics, Colonial Times to 1970*, series Y 318–331]

Compensation authority	1960		1965		1970		1975		1976		1977	
	Employees (1,000)	Average pay (dol.)	Employees (1,000)	Average pay (dol.)	Employees (1,000)	Average pay (dol.)	Employees (1,000)	Average pay (dol.)	Employees (1,000)	Average pay (dol.)	Employees (1,000)	Average pay (dol.)
Total	**2,237**	**5,273**	**2,398**	**6,868**	**2,806**	**9,234**	**2,582**	**13,529**	**2,557**	**14,576**	**2,502**	**15,874**
General Schedule	973	5,705	1,112	7,707	1,287	11,065	1,349	14,483	1,358	15,343	1,390	16,230
Wage System	667	4,935	621	5,887	674	6,976	528	11,197	515	12,489	470	14,517
Postal Pay System	483	4,854	534	6,219	673	8,120	566	13,329	548	14,360	528	15,322
Other	114	5,344	131	7,032	172	8,741	139	13,951	136	15,687	113	19,704

Source: U.S. Civil Service Commission, *Pay Structure of the Federal Civil Service*, annual.

No. 461. Full-Time White-Collar Civilian Employment in the Federal Government—Total and Women, by Grade Levels: 1969 to 1976

[As of October 31]

Sex and grade [1]	1969	1970	1972	1973	1974	1975	1976
Total employment 1,000	1,990	1,982	1,992	1,894	1,957	1,976	1,981
Women 1,000	665	657	671	644	682	697	711
Percent of total	33.4	33.2	33.7	34.0	34.9	35.3	35.9
General Schedule Pay System 1,000	1,267	1,259	1,303	1,295	1,332	1,428	1,456
Women 1,000	518	507	522	526	553	601	621
Percent of total	40.9	40.3	40.1	40.6	41.5	42.1	42.6
Grades 1–6 ($5,800–$13,500) 1,000	546	531	555	554	574	585	587
Women 1,000	399	384	393	395	410	419	423
Percent of total	73.1	72.3	70.8	71.4	71.5	71.6	72.1
Grades 7–12 ($11,500–$26,600) 1,000	443	563	574	567	579	641	661
Women 1,000	113	117	122	123	134	172	186
Percent of total	25.6	20.8	21.1	21.7	23.2	26.8	28.1
Grades 13 and above ($24,300+) 1,000	278	165	174	174	179	203	208
Women 1,000	6	6	7	7	8	10	11
Percent of total	2.0	3.6	4.0	4.3	4.6	5.1	5.5
Postal Pay System 1,000	621	618	589	502	527	519	498
Women 1,000	101	102	105	75	86	86	81
Percent of total	16.2	16.4	17.7	15.0	16.3	16.5	16.2
Other pay systems 1,000	101	105	100	97	98	28	27
Women 1,000	46	48	44	43	44	10	9
Percent of total	45.8	45.8	44.4	43.9	44.4	35.4	34.0

[1] Pay ranges shown for General Schedule grades are as of Oct. 1, 1976, and apply only to the 1976 data.

Source: U.S. Civil Service Commission, *Occupations of Federal White-Collar Workers*, 1976.

No. 462. Salaries of Selected Executive and Legislative Officials in the Federal Government: 1907 to 1978

Year [1]	President	Vice President	Cabinet officers	Congressmen	Year [1]	President	Vice President	Cabinet officers	Congressmen
1907	[2] $50,000	$12,000	$12,000	$7,500	1964	(3)	$43,000	35,000	(3)
1909	75,000	(3)	(3)	(3)	1965	(3)	(3)	(3)	30,000
1925	(3)	15,000	[4] 15,000	[4] 10,000	1969	[5] $200,000	[7] 62,500	60,000	42,500
1946	(3)	20,000	(3)	[5] 15,000	1975	(3)	[7] 65,600	63,000	44,600
1949	[6] 100,000	30,000	22,500	(3)	1976	(3)	[7] [8] 68,800	[8] 66,000	[8] 46,800
1955	(3)	35,000	(3)	22,500	1977	(3)	[7] 75,000	66,000	57,500
1956	(3)	(3)	$25,000	(3)	1978	(3)	(3)	(3)	(3)

[1] When salary change became effective. [2] Compensation enacted in 1873. [3] No change from prior year shown. [4] Legislation reduced amounts by 15, 10, and 5 percent, successively, during 1932–35. Full salary restored Apr. 1, 1935. [5] Includes $2,500 expense allowance that was tax free until 1953. Allowance discontinued Mar. 1, 1955. For income tax, members may deduct up to $3,000 a year for living expenses. [6] Plus $50,000 for official expenses. [7] Plus $10,000 expense allowance. [8] Pursuant to Legislative Branch Appropriation Act, 1977, funds were not available to pay a salary at a rate which exceeded the rate in effect on Sept. 30, 1976; therefore, these officials were paid at the rate in effect on that date.

Source: U.S. Civil Service Commission, *Annual Report*.

No. 463. Minority Group Employment in the Federal Government, all Agencies, by Pay System: 1972 and 1977

[Covers full-time employment excluding Hawaii, Guam, Puerto Rico, and foreign nationals abroad]

Pay system	May 31, 1972					May 31, 1977				
	Total employees (1,000)	Minority groups				Total employees (1,000)	Minority groups			
		Total [1] (1,000)	Percent of total	Negroes (1,000)	Spanish surnamed (1,000)		Total [1] (1,000)	Percent of total	Negroes (1,000)	Spanish surnamed (1,000)
All pay systems, total	**2,575**	**505.4**	**19.6**	**387.7**	**76.6**	**2,442**	**518.2**	**21.2**	**386.5**	**82.9**
General schedule and similar [2]	1,331	206.1	15.5	153.4	28.1	1,433	252.5	17.6	182.5	37.8
GS 1-4 ($6,219-$11,575)	306	85.3	27.9	66.3	10.2	305	85.7	28.1	63.1	11.8
GS 5-8 ($9,950-$17,757)	394	75.4	19.1	59.0	9.5	437	96.8	22.2	75.1	13.1
GS 9-11 ($15,090-$23,739)	319	29.4	9.2	18.8	5.4	335	43.7	13.0	28.5	8.1
GS 12-18 ($21,883-$58,245) [3]	312	16.0	5.1	9.3	2.9	356	26.3	7.4	15.8	4.8
Wage systems	505	143.3	28.4	102.9	29.7	456	129.3	28.3	91.2	27.5
WG—Regular nonsupervisory	385	119.4	31.0	85.3	25.9	342	106.3	31.1	74.1	23.7
WL—Regular leader	15	3.7	25.6	2.8	.7	13	3.7	28.8	2.7	.7
WS—Regular supervisory	41	7.0	17.0	4.7	1.6	39	8.2	20.8	5.6	1.8
Other wage systems	64	13.1	20.6	10.1	1.6	62	11.1	18.0	8.8	1.3
U.S. Postal Service	687	151.1	22.0	127.9	18.1	520	130.0	25.0	108.8	16.3
Level 1-5 [4]	571	131.8	23.1	111.8	15.8	379	96.5	25.4	80.9	12.2
Level 6-12	110	18.8	17.1	15.7	2.2	78	24.7	31.8	20.9	2.9
Level 13 and above	6	.5	7.8	.4	(Z)	63	8.8	14.1	7.0	1.2
Other pay systems	52	4.9	9.4	3.6	.7	33	6.4	19.3	3.9	1.3

Z Less than 50. [1] Includes American Indians and Orientals. [2] Pay rates as of Sept. 1977, for general schedule. Each grade (except GS—18) includes several salary steps. Range is from lowest to highest step of grades shown. [3] Rates of basic pay for GS—16, steps 5-9; and all steps of GS—17 and GS—18 are limited by section 5308 of title 5 of the U.S. Code to the rate for level V of the Executive Schedule (as of Sept. 1977, the effective date of this salary adjustment, $47,500). [4] Includes 4th class postmasters and rural carriers.

Source: U.S. Civil Service Commission, *Equal Employment Opportunity Statistics.*

No. 464. Federal Civilian Employment—Armed Forces and Other Uniformed Retirees Employed, by Agency and Selected Characteristic: 1975

[As of June 30. Includes uniformed retirees of the Air Force, Army, Coast Guard, National Oceanic and Atmospheric Administration, Marine Corps, Navy, and Public Health Service. Excludes employees of the Central Intelligence Agency, National Security Agency, Tennessee Valley Authority, Board of Governors of the Federal Reserve System, and the White House]

Agency	Total Federal employment (1,000)	Uniformed retirees		Agency and pay system	Total Federal employment (1,000)	Uniformed retirees	
		Total (1,000)	Percent of total [1]			Total (1,000)	Percent of total [1]
All agencies [2]	2,809.5	141.8	5.1	Officer retiree	(X)	27.7	[3] 1.0
				Enlisted retiree	(X)	111.8	[3] 4.0
In competitive service	1,716.3	97.3	5.7	Unspecified	(X)	2.3	[3] .1
In excepted service	1,090.0	44.4	4.1				
				Pay system [4]:			
Executive branch	2,075.0	106.8	5.2	Under $3,000	122.0	1.5	1.2
Defense	1,002.3	78.1	7.8	$6,000-$9,999	600.8	24.6	4.1
Army	363.5	25.5	7.0	$10,000-$17,999	1,613.6	93.3	5.8
Navy	289.0	26.3	9.1	$18,000-$28,999	395.3	19.2	4.9
Marine Corps	17.7	2.0	11.4	$29,000-$35,999	53.6	2.2	4.0
Air Force	257.3	20.6	8.0	$36,000 and over	17.8	.8	4.5
Other Defense	74.8	3.7	5.0	Unspecified	6.5	.2	2.8
Veterans Administration	217.7	7.3	3.4				
Other executive agencies	855.0	21.4	2.5				
U.S. Postal Service	719.3	34.7	4.8				

X Not applicable.
[1] Percent of total Federal employment in specified category.
[2] Includes other categories not shown separately.
[3] Percent of total Federal employment.
[4] Represents retiree's compensation under various Federal civilian pay systems.

Source: U.S. Civil Service Commission, *Study of Retired Uniform Services Personnel in the Federal Civilian Service—December 1976*, February 28, 1977.

No. 465. Federal Full-Time Permanent Civilian Employment—Educational Attainment, by Minority Group: 1974

[As of August 31. Covers only full-time permanent General Schedule and similar employees who comprise 74 percent of all Federal civilian nonpostal white-collar employees of all tenures and work schedules. See source for additional information on coverage and minority group designation]

Educational level	Total employees (1,000)	Minority group employees (1,000)					Nonminority group (1,000)	Percent	
		Total	Male	Female	Black	Other [1]		Minority	Nonminority
Total	1,163	197	81	115	148	49	966	100.0	100.0
High school or less	373	79	29	50	61	18	294	40.1	30.4
Beyond high school, no college	152	31	8	23	25	7	121	15.7	12.5
College	638	87	44	43	63	24	551	44.2	57.0
One year or less	173	35	13	23	27	8	138	17.8	14.3
2 to 4 years, no degree	119	21	10	11	16	6	98	10.7	10.1
Bachelor's degree	156	15	9	6	10	5	142	7.6	14.7
Graduate study	189	15	12	4	10	6	174	7.6	18.0

[1] Comprises Spanish-surnamed, American Indian, and Asian American.

Source: U.S. Civil Service Commission, *Educational Attainment of General Schedule Employees, by Minority Group and Sex.*

No. 466. White-Collar Full-Time Civilian Workers in the Federal Government, by Major Occupation Group and Sex: 1970 and 1976

[As of October 31. Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

Major occupation group	1970		1976	
	Total (1,000)	Percent male	Total (1,000)	Percent male
Total	1,981.7	66.8	1,981.2	64.1
Postal	504.8	83.5	469.6	84.5
General admin., clerical, and office services	449.1	31.1	471.7	31.8
Engineering and architecture	148.8	98.8	151.3	98.4
Accounting and budget	113.2	52.9	121.6	51.8
Medical, hospital, dental, and public health	93.7	44.6	120.5	40.3
Supply	72.1	58.2	60.0	56.2
Business and industry	64.5	78.3	60.0	71.0
Legal and kindred	47.8	52.5	64.3	45.4
Personnel mgmt. and industrial relations	40.4	46.8	44.4	43.6
Physical sciences	43.0	90.8	41.7	90.4
Biological sciences	41.5	93.6	46.2	90.5
Investigation	38.9	96.9	46.5	93.5
Social science, psychology, and welfare	34.2	73.0	53.1	65.4
Transportation	42.6	84.5	43.7	83.8
Education	29.3	64.4	28.7	58.6
Quality assurance inspection and grading	21.4	97.1	18.7	96.5
Information and arts	19.6	70.1	20.5	66.9
Equipment, facilities, and service	18.2	98.0	14.0	97.1
Math. and statistics	14.0	58.4	14.6	65.3
Library and archives	8.5	35.8	9.7	37.3
Other	46.3	95.8	71.3	88.0

Source: U.S. Civil Service Commission, *Occupations of Federal White-Collar Workers*, annual.

No. 467. Blue-Collar Workers in the Federal Government: 1970 and 1976

[As of October 31. Covers full-time Federal civilian workers; includes U.S. citizens working abroad]

Major occupation group	1970		1976	
	Total (1,000)	Percent Dept. of Defense	Total (1,000)	Percent Dept. of Defense
Total	574.9	72.5	506.4	69.1
Mobile industrial equip. operation [1]	74.7	73.3	65.2	70.6
Manual labor	60.7	32.1	54.0	27.7
Warehousing	46.6	87.6	36.6	84.0
Fixed industrial equip. operation [1]	47.5	62.3	44.6	59.1
Services	45.5	56.9	37.6	51.5
Metal work and processing	32.7	87.3	30.2	84.6
Aircraft repair, propeller work [2]	31.6	97.9	28.4	98.0
Electrical installation [1]	28.7	76.6	25.3	71.3
Electronic equip. install. and opr. [1]	30.1	96.6	26.1	97.1
Machine tool work	21.8	89.0	21.3	86.2
Marine operations [1]	20.6	90.2	9.7	85.6
Ammunition and armament work	16.9	99.9	8.3	99.8
Woodworking	17.9	78.3	13.7	70.8
General maintenance and constr. opr.	16.7	40.7	18.3	39.3
Pipefitting	15.9	79.8	16.9	74.7
Printing and reproduction	14.1	44.0	11.3	43.3
Painting and paperhanging	11.2	77.9	10.2	81.0
Other	42.1	77.1	48.6	79.4

[1] Includes maintenance. [2] Includes engine overhaul.

Source: U.S. Civil Service Commission, *Occupations of Federal Blue-Collar Workers*, annual.

Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal Government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, and county finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 253).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 493, more than 79,800 local governments were identified by the 1977 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, began to extend from Oct. 1 to Sept. 30. A three month quarter (July 1 to Sept. 30, 1976) facilitated the transition. Beginning 1963, local government figures are for fiscal years which closed at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics must be classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology,

organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. General government comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include local government water supply, electric light and power, gas supply, and transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Employment and payrolls.—These data are mainly based on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

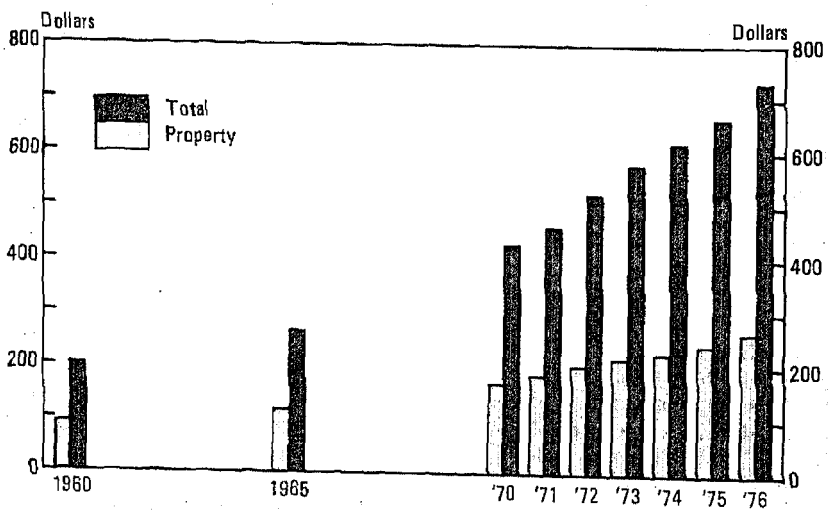
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 10.1

State and Local Government Per Capita Taxes: 1960 to 1976

(See table 482)



Source: U.S. Bureau of the Census.

No. 468. Number of Governmental Units, by Level of Government: 1942 to 1977

[See text, p. 285]

Level of government	1942	1952	1957	1962	1967	1972	1977
Total	**155,116**	**116,743**	**102,328**	**91,237**	**81,299**	**78,269**	**79,913**
U.S. Government	1	1	1	1	1	1	1
States	48	48	48	50	50	50	50
Local governments	155,067	116,694	102,279	91,186	81,248	78,218	79,862
Counties	3,050	3,049	3,047	3,043	3,049	3,044	3,042
Municipalities	16,220	16,778	17,183	18,000	18,048	18,517	18,862
Townships and towns	18,919	17,202	17,198	17,142	17,105	16,991	16,822
School districts	108,579	67,346	50,446	34,678	21,782	15,781	15,174
Special districts	8,299	12,319	14,405	18,323	21,264	23,885	25,962

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972,* and *1977,* vol. 1, *Governmental Organization.*

No. 469. All Governments—Revenue, Expenditure, and Debt: 1950 to 1976

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970,* series Y 505–637 and Y 655–848]

Item and year	All governments, total (bil. dol.)	Federal [1] (bil. dol.)		State and local (bil. dol.)			Annual percent change [2]		Per capita [3] (dollars)		
		Total	Percent of total	Total	State	Local	Federal	State and local	Total	Federal	State and local
Revenue:											
1950	67	44	65.3	23	11	12	−3.3	7.3	440	287	153
1955	106	72	67.6	34	17	18	12.9	9.3	644	435	209
1960	153	100	65.2	53	26	27	6.8	7.8	851	554	296
1965	203	126	62.1	77	39	38	4.8	8.5	1,045	649	396
1970	334	206	61.6	128	69	60	3.0	13.3	1,642	1,011	631
1971	345	205	59.4	140	73	67	−.5	9.4	1,670	992	678
1972	384	226	58.7	158	84	74	10.2	12.9	1,845	1,083	761
1973	432	254	58.8	178	97	81	12.7	12.6	2,059	1,211	850
1974	484	289	59.7	196	108	88	13.7	9.9	2,289	1,367	927
1975	517	302	58.5	215	117	98	5.1	9.5	2,425	1,418	1,007
1976	573	324	56.5	249	140	109	7.0	16.1	2,668	1,507	1,160
Expenditure:											
1950	70	42	60.3	28	11	17	11.1	15.5	464	280	184
1955	111	70	63.5	40	14	26	10.8	7.4	670	426	244
1960	151	90	59.7	61	22	39	5.2	8.8	841	502	339
1965	206	119	57.9	87	31	55	5.7	7.4	1,061	614	447
1970	333	185	55.5	148	56	92	4.5	12.1	1,638	910	728
1971	372	201	54.0	171	66	105	8.6	15.5	1,804	976	828
1972	400	212	52.8	189	72	116	5.5	10.5	1,923	1,016	907
1973	437	231	53.0	205	78	127	9.4	8.7	2,081	1,103	978
1974	478	253	52.8	226	86	139	9.2	10.1	2,263	1,195	1,069
1975	557	292	52.4	265	104	161	15.5	17.9	2,615	1,370	1,246
1976	626	322	51.4	304	124	180	10.3	14.6	2,917	1,500	1,417
Debt outstanding: [4]											
1950	281	257	91.4	24	5	19	.6	12.4	1,856	1,697	159
1955	319	274	86.1	44	11	33	1.3	12.9	1,928	1,660	268
1960	356	286	80.4	70	19	51	.9	9.7	1,979	1,591	389
1965	417	317	76.1	100	27	72	2.1	7.4	2,150	1,637	513
1970	514	371	72.1	144	42	102	4.8	7.5	2,531	1,825	706
1971	568	409	72.1	159	48	111	10.2	10.4	2,755	1,985	770
1972	612	437	71.5	175	54	120	6.8	10.1	2,938	2,100	838
1973	657	468	71.3	188	59	129	7.1	7.4	3,130	2,232	898
1974	693	486	10.2	207	65	142	3.8	9.6	3,278	2,300	977
1975	765	544	71.1	221	72	149	11.9	6.4	3,591	2,553	1,032
1976	871	631	72.4	240	84	156	16.0	9.2	4,059	2,941	1,118

[1] Data adjusted to system for reporting State and local data and therefore differ from figures in section 9 tables.
[2] Represents average for period of intervals shown; for 1950, change from 1948. Minus sign (−) denotes decrease.
[3] All years except 1970 based on estimated population as of July 1; 1970 based on resident population enumerated as of Apr. 1. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts.
[4] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1972,* vol. 4, No. 5, *Compendium of Government Finances,* and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

No. 470. All Governments—Summary of Finances: 1950 to 1976

[In billions of dollars, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-566]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976
Revenue, total [1]	66.7	106.4	153.1	202.6	333.8	432.1	484.0	517.1	572.6
Revenue from own sources:									
Federal	43.5	71.9	99.8	125.8	205.6	254.2	288.5	302.5	323.5
Percent of total	65.2	67.6	65.2	62.1	61.6	58.9	59.6	58.5	56.5
State and local	23.2	34.5	53.3	76.7	128.2	178.4	196.0	214.6	249.1
State	11.5	16.7	26.1	38.5	68.7	97.1	107.6	116.8	140.5
Local	11.7	17.8	27.2	38.2	59.6	81.3	88.4	97.8	108.6
General revenue [1]	58.5	93.3	130.6	169.7	272.5	344.4	383.1	402.9	438.3
Taxes	51.1	81.1	113.1	145.0	232.9	286.1	314.8	331.4	358.2
Individual income	16.5	30.0	43.2	52.9	101.2	121.2	138.4	143.8	156.2
Corporation income	11.1	18.6	22.7	27.4	36.6	41.6	44.6	47.3	48.7
Sales and gross receipts	13.0	17.2	24.5	32.9	48.6	61.8	66.6	70.9	76.3
Property	7.3	10.7	16.4	22.6	34.1	45.3	47.7	51.5	57.0
Other	3.1	4.5	6.4	9.2	12.4	16.3	17.4	17.9	20.1
Charges and miscellaneous	7.4	12.2	17.5	24.7	39.6	58.3	68.3	71.4	80.1
Utilities and liquor stores	2.7	3.7	4.9	6.4	8.6	10.9	11.7	13.3	15.1
Insurance trusts	5.5	9.5	17.6	26.5	52.7	76.7	89.1	100.6	119.2
Old-age, survivors, disability, and health insurance (Federal Social Security)	2.1	5.1	10.7	16.7	38.5	56.1	66.1	75.6	80.3
Employee retirement	1.0	1.6	2.9	4.5	8.2	12.2	13.2	14.9	17.3
Unemployment compensation	1.2	1.3	2.5	3.4	3.2	5.1	5.8	5.8	17.0
Other	1.2	1.4	1.6	1.9	2.8	3.4	4.0	4.3	4.6
Expenditures, total [1]	70.3	110.7	151.3	205.6	333.0	436.8	478.3	557.4	626.1
Direct expenditure:									
Federal	42.4	70.3	90.3	119.0	184.9	231.4	252.6	291.9	322.0
Percent of total	60.3	63.5	59.7	57.9	55.5	53.0	52.8	52.3	51.4
State and local	27.9	40.4	61.0	86.7	148.1	205.3	225.7	265.2	304.1
State	10.9	14.4	22.2	31.5	56.2	67.3	74.0	104.2	124.1
Local	17.0	26.0	38.8	55.2	91.9	138.0	151.7	161.3	180.0
Current operation	51.6	58.1	81.7	122.6	197.0	249.2	269.8	305.2	335.3
Capital outlay	(NA)	28.7	31.9	33.7	47.5	55.4	57.3	66.6	71.6
Construction	6.8	12.6	15.8	20.9	28.4	32.9	35.7	43.0	45.2
Equipment	(NA)	16.1	14.4	9.6	15.9	17.7	16.6	18.8	22.0
Land and existing buildings	(NA)		1.7	3.3	3.2	4.7	5.0	4.8	4.4
Assistance and subsidies	(NA)	8.9	10.4	12.5	20.8	30.7	33.2	44.0	47.7
Interest on debt	5.0	5.9	9.7	12.0	19.2	26.2	31.3	35.1	41.0
Insurance benefits and repayments	6.9	9.0	17.6	24.9	48.5	75.3	86.7	106.5	130.4
Exhibit: Personal services	20.5	34.9	47.1	65.7	110.5	142.6	154.2	172.2	186.8
General expenditure [1]	60.7	97.8	128.6	173.7	275.0	348.4	377.2	433.6	476.1
Nat'l defense and internat'l relations	18.4	43.5	48.9	55.8	84.3	83.0	87.0	95.8	100.4
Military services only	12.1	35.8	41.3	48.4	76.6	72.1	79.1	86.6	91.0
Postal service	2.3	2.7	3.7	5.3	7.7	9.6	11.2	12.7	13.7
Education	9.6	12.7	19.4	29.6	55.8	74.9	81.7	95.0	106.3
State institutions of higher education	1.1	1.5	2.9	5.3	11.0	14.2	15.4	17.7	24.3
Local schools	5.9	10.1	15.2	22.0	37.5	48.8	53.1	61.5	67.7
Other education	2.6	1.1	1.3	2.3	7.3	11.9	13.2	15.8	14.3
Highways	3.9	6.5	9.6	12.3	16.7	18.9	20.2	22.8	24.2
Public welfare	3.0	3.2	4.5	6.4	17.5	27.0	31.0	39.4	45.1
Categorical public assistance [2]	2.0	2.3	3.0	3.7	6.9	10.4	11.6	14.1	15.6
Other public assistance [3]	.5	.3	.3	.3	.6	.8	.7	1.8	2.1
Other public welfare [4]	.4	.6	1.1	2.5	10.0	15.8	18.7	23.5	27.4
Hospitals	2.1	2.7	4.2	5.9	9.7	13.7	15.3	17.4	18.9
Health	.7	.7	1.0	1.8	3.9	5.0	6.4	7.5	8.6
Police	.9	1.4	2.0	2.8	4.9	7.7	8.3	9.6	10.7
Local fire protection	.5	.7	1.0	1.3	2.0	2.8	3.0	3.5	3.9
Local sanitation	.8	1.1	1.7	2.4	3.4	5.3	6.0	7.5	8.2
Natural resources	5.0	6.3	7.1	11.0	11.5	16.7	15.8	16.2	17.0
Stabilization of farm prices and income	2.7	3.9	3.4	5.8	4.3	6.0	4.1	2.4	1.3
Local parks and recreation	.3	.5	.8	1.1	1.9	2.6	3.0	3.5	3.9
Housing and urban renewal	.6	.6	1.1	2.2	3.2	6.9	5.9	5.9	5.4
Veterans services n.e.c.[5]	3.3	3.1	3.8	4.2	5.5	7.4	7.5	8.6	9.3
Financial administration and general control	1.6	2.1	2.9	3.8	6.3	9.2	10.0	11.9	13.4
Interest on general debt	4.9	5.7	9.3	11.4	18.4	25.1	30.1	33.8	39.6
Air and water transport and terminals	.6	1.1	2.0	2.7	4.0	4.9	4.8	5.2	5.4
Other and unallocable	2.2	3.2	5.6	13.7	18.2	27.7	29.9	37.0	42.1
Utility and liquor stores	2.7	3.9	5.1	7.1	9.4	13.0	14.4	17.3	19.5
Insurance trusts	6.9	9.0	17.6	24.9	48.5	75.3	86.7	106.5	130.4
Old-age, survivors, disability, and health insurance (Federal Social Security)	.7	4.3	10.8	16.6	35.8	56.4	64.7	76.6	88.3
Employee retirement	.6	1.2	2.2	3.5	6.4	10.4	12.3	14.6	16.8
Unemployment compensation	2.0	2.0	2.6	2.4	2.8	4.2	4.8	9.6	19.2
Other	3.6	1.5	2.0	2.4	3.5	4.4	5.0	5.7	6.2

NA Not available. [1] Excludes duplicative transactions between levels of government. [2] Old age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. [3] Cash assistance for general relief wholly financed from State and local sources. [4] Vendor payments under various public welfare programs, including the Medicaid program. [5] Not elsewhere classified.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

No. 471. All Governments—Percent and Per Capita Distribution of Finances: 1960 to 1976

[See headnote, table 470. OASDHI=Old-age, survivors, disability, and health insurance]

Item	Percent distribution					Per capita [1] (dol.)				
	1960	1965	1970	1975	1976	1960	1965	1970	1975	1976
Revenue, total [2]	100.0	100.0	100.0	100.0	100.0	851	1,045	1,642	2,425	2,668
Revenue from own sources:										
Federal	65.2	62.1	61.6	58.5	56.5	554	649	1,012	1,418	1,507
State and local	34.8	37.9	38.4	41.5	43.5	296	396	631	1,007	1,160
State	17.2	19.0	20.6	22.6	24.5	145	199	338	548	655
Local	17.5	18.9	17.9	18.9	19.0	151	197	293	459	506
General revenue [2]	87.7	83.8	81.6	78.0	76.5	726	876	1,341	1,892	2,042
Taxes	76.6	71.6	69.8	64.1	62.6	628	748	1,146	1,556	1,669
Individual income	24.7	26.1	30.3	27.8	27.3	240	273	498	675	728
Corporation income	16.6	13.5	11.0	9.1	8.5	126	141	180	222	227
Sales and gross receipts	19.5	16.2	14.6	13.7	13.3	136	170	239	333	355
Property	10.9	11.2	10.2	10.0	10.0	91	117	168	242	266
Other	4.6	4.5	3.7	3.5	3.5	36	47	61	85	94
Charges and miscellaneous	11.1	12.2	11.9	13.8	14.0	97	127	195	335	373
Utilities and liquor stores	4.0	3.2	2.6	2.6	2.6	27	33	42	63	70
Insurance trusts	8.2	13.1	15.8	19.5	20.8	98	137	259	472	555
OASDHI (Federal Social Security)	3.1	8.2	11.5	14.6	14.0	59	86	189	355	374
Employee retirement	1.5	2.2	2.5	2.9	3.0	16	23	40	70	81
Unemployment compensation	1.8	1.7	1.0	1.1	3.0	14	18	16	27	79
Other	1.8	.9	.8	.8	.8	9	10	14	20	21
Expenditures, total [2]	100.0	100.0	100.0	100.0	100.0	841	1,061	1,638	2,615	2,917
Direct expenditure:										
Federal	59.7	57.9	55.5	52.3	51.4	502	614	910	1,370	1,500
State and local	40.3	42.2	44.5	47.7	48.6	339	447	729	1,246	1,417
State	14.7	15.3	16.9	18.7	19.8	123	163	277	489	578
Local	25.6	26.8	27.6	28.9	28.7	216	285	452	757	838
Current operation	54.0	59.6	59.2	54.8	53.6	454	633	969	1,432	1,562
Capital outlay	21.1	16.4	14.3	12.0	11.4	177	174	234	313	334
Construction	10.4	10.2	8.5	7.7	7.2	88	108	140	202	211
Equipment	9.5	4.7	4.8	3.4	3.5	80	50	78	88	103
Land and existing buildings	1.1	1.6	1.0	.9	.7	.9	17	16	23	21
Assistance and subsidies	6.9	6.1	6.2	7.9	7.6	58	64	102	206	222
Interest on debt	6.4	5.8	5.8	6.2	6.5	54	62	94	165	191
Insurance benefits and repayments	11.6	12.1	14.6	19.1	20.8	98	128	239	500	608
Exhibit: Personal services	31.1	32.0	33.2	30.8	29.8	262	339	544	808	870
General expenditure [2]	85.0	84.5	82.6	77.8	76.0	714	896	1,353	2,035	2,219
Nat'l defense and int'l relations	32.3	27.1	25.3	17.2	16.0	272	288	415	449	468
Military services only	27.3	23.5	23.0	15.6	14.5	229	250	377	406	424
Postal service	2.4	2.6	2.3	2.3	2.2	21	27	38	59	64
Education	12.8	14.4	16.8	17.1	17.0	108	153	275	446	495
State institutions of higher educ.	1.9	2.6	3.3	3.2	3.9	16	27	54	83	113
Local schools	10.0	10.7	11.3	11.1	10.8	84	114	185	289	315
Other education	.9	1.1	2.2	2.8	2.3	7	12	36	74	67
Highways	6.3	6.0	5.0	4.1	3.9	53	63	82	107	113
Public welfare [3]	3.0	3.1	5.3	7.1	7.2	25	33	86	185	210
Categorical public assistance	2.0	1.8	2.1	2.5	2.5	17	19	34	66	73
Other public assistance	.2	.1	.2	.3	.3	2	2	3	8	10
Other public welfare	.7	1.2	3.0	4.2	4.4	6	13	49	110	128
Hospitals	2.8	2.9	2.9	3.1	3.0	23	30	48	82	88
Health	.7	.9	1.2	1.3	1.4	6	9	19	35	40
Police	1.3	1.4	1.5	1.7	1.7	11	14	24	45	50
Local fire protection	.7	.6	.6	.6	.6	6	7	10	16	18
Local sanitation	1.1	1.2	1.0	1.3	1.3	9	12	17	35	38
Natural resources	4.7	5.4	3.5	2.9	2.7	39	57	57	76	79
Farm prices and income stabiliz.	2.2	2.8	1.3	.4	.2	19	30	21	11	6
Local parks and recreation	.5	.5	.6	.6	.6	4	6	9	16	18
Housing and urban renewal	.7	1.1	1.0	1.0	.9	6	11	16	27	25
Veterans services, n.e.c.[4]	2.5	2.0	1.7	1.6	1.5	21	22	27	42	44
Financial administration and general control	1.9	1.8	1.9	2.1	2.1	16	20	31	56	62
Interest on general debt	6.1	5.5	5.5	5.9	6.3	52	59	91	159	159
Air, water transport and terminals	1.3	1.3	1.2	.9	.9	11	14	20	25	25
Other and unallocable	3.7	6.7	5.5	6.7	6.7	31	71	90	175	223
Utility and liquor stores	3.4	3.5	2.8	3.1	3.1	28	37	46	81	91
Insurance trusts	11.6	12.1	14.6	19.1	20.8	98	128	239	500	608
OASDHI (Federal Social Security)	7.1	8.1	10.8	13.8	14.1	60	86	176	359	411
Employee retirement	1.5	1.7	1.9	2.6	2.7	12	18	31	68	78
Unemployment compensation	1.7	1.2	.8	1.7	3.1	14	12	14	45	89
Other	1.3	1.2	1.1	1.0	1.0	11	12	17	27	29

[1] See footnote 3, table 469. [2] See footnote 1, table 470. [3] See footnotes 2, 3, and 4, table 470.
[4] Not elsewhere classified.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual; and unpublished data.

No. 472. All Governments—Revenues, by Source and Level: 1970 to 1976

[**In billions of dollars.** Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 567–584, and Y 652–665]

Source of revenue	1970		1973		1974		1975		1976	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	**205.6**	[1] **150.1**	**254.2**	[1] **217.6**	**288.4**	[1] **237.9**	**303.5**	[1] **261.6**	**324.9**	[1] **304.7**
General revenue	163.6	[1] 130.8	193.5	[1] 190.2	217.8	[1] 207.7	223.0	[1] 228.2	239.0	[1] 256.2
Intergovernmental	(X)	21.9	(X)	39.3	.5	41.8	1.2	47.1	1.3	55.6
From Federal government	(X)	21.9	(X)	39.3	(X)	41.8	(X)	47.1	(X)	55.6
From State governments	(X)	(1)	(X)	(1)	.5	(1)	1.2	(1)	1.3	(1)
From local governments	(X)	(1)	(X)	(1)	(X)	(1)	(X)	(1)	(X)	(1)
From own sources	163.6	108.9	193.5	151.0	217.3	165.9	221.7	181.1	237.7	200.6
Taxes [2]	146.1	86.8	165.0	121.1	184.1	130.7	190.0	141.5	201.4	156.8
Property	(X)	34.1	(X)	45.3	(X)	47.7	(X)	51.5	(X)	57.0
Individual income	90.4	10.8	103.2	18.0	119.0	19.5	122.4	21.5	131.6	24.6
Corporation income	32.8	3.7	36.2	5.4	38.6	6.0	40.6	6.6	41.4	7.3
Sales and gross receipts [2]	18.3	30.3	19.7	42.0	20.5	46.1	21.1	49.8	21.7	54.5
Motor fuel	3.8	6.3	4.4	8.1	4.6	8.3	4.5	8.3	4.6	8.7
Alcoholic beverages	4.7	1.5	5.1	1.9	5.3	2.0	5.3	2.1	5.4	2.2
Tobacco products	2.1	2.4	2.3	3.3	2.4	3.4	2.3	3.4	2.5	3.6
Public utilities	1.7	1.5	2.5	2.4	2.7	2.6	2.9	3.1	2.7	3.6
Death and gift tax	3.6	1.0	4.9	1.4	5.0	1.4	4.6	1.4	5.2	1.5
Charges and miscellaneous [2]	17.5	22.1	28.4	29.8	33.2	35.2	31.8	39.7	36.3	43.8
Education	(Z)	5.8	(Z)	7.6	(Z)	8.4	(Z)	9.1	.1	10.4
Postal service	6.2	(X)	7.9	(X)	8.6	(X)	9.6	(X)	10.7	(X)
Hospitals	(Z)	3.1	(Z)	4.7	(Z)	5.4	(Z)	6.0	(Z)	7.2
Natural resources [3]	2.3	.6	3.3	.7	3.1	.8	3.0	.8	3.2	1.0
Sewerage and sanitation	(X)	1.2	(X)	2.0	(X)	2.2	(X)	2.5	(X)	2.9
Utility and liquor stores	(X)	8.6	(X)	10.9	(X)	11.7	(X)	13.3	(X)	15.1
Insurance trusts	42.0	10.7	60.2	16.5	70.6	18.4	80.5	20.1	85.8	33.4

X Not applicable. Z Less than $50 million.
[1] Aggregates exclude duplicative transactions between State and local governments; see source.
[2] Includes other amounts not shown separately. [3] Includes local parks and recreation.

No. 473. All Governments—General Expenditure, by Function and Level: 1970 to 1976

[**In billions of dollars.** Local government amounts are estimates subject to sampling variation; see source. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605–631 and Y 682–704]

Function	1970		1973		1974		1975		1976	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
All functions	**166.9**	[1] **131.3**	**208.5**	[1] **181.2**	**221.4**	[1] **199.0**	[1] **253.5**	[1] **230.7**	**289.7**	[1] **256.8**
Direct	143.7	131.3	167.2	181.2	178.6	198.7	203.9	229.7	220.6	255.6
Intergovernmental	23.3	(2)	41.3	(2)	42.9	[2] .3	49.6	[2] 1.0	69.1	[2] 1.2
National defense and int'l relations	84.3	(X)	83.0	(X)	87.0	(X)	95.8	(X)	100.4	(X)
Postal service	7.7	(X)	9.6	(X)	11.2	(X)	12.7	(X)	13.7	(X)
Education	8.9	52.7	12.0	69.7	13.3	75.8	16.1	87.9	18.3	97.2
Highways	4.9	16.4	5.1	18.6	4.8	19.9	5.1	22.5	6.5	23.9
Public welfare	10.4	14.7	15.5	23.6	19.1	25.1	26.6	28.2	30.9	31.4
Health and hospitals	4.9	9.7	6.4	13.8	6.9	15.9	8.0	18.8	9.1	20.7
Natural resources	9.0	2.7	14.1	3.3	12.8	3.7	12.8	4.2	13.3	4.7
Housing and urban renewal	2.7	2.1	5.0	3.2	4.8	3.5	5.1	3.5	5.1	3.2
Space research and technology	3.7	(X)	3.3	(X)	3.3	(X)	3.3	(X)	3.7	(X)
Air transportation	1.2	1.0	2.0	1.4	1.9	1.3	2.0	1.4	2.2	1.5
Social insurance administration	1.7	.8	2.0	1.3	2.2	1.3	2.7	1.5	3.1	1.6
Interest on general debt	14.0	4.4	18.3	6.8	22.5	7.7	25.0	8.8	29.3	10.3
Other and combined	13.6	26.8	31.3	39.5	31.6	44.8	38.3	53.9	54.1	62.3

X Not applicable. [1] Excludes duplicative transactions between State and local governments.
[2] State contributions to Federal government.

Source of tables 472 and 473: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

No. 474. All Governments—Tax Revenue, by Source and Level: 1950 to 1976

[Prior to 1960, excludes Alaska and Hawaii. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 507–512, Y 569–579, Y 657–662, Y 716–727, and Y 802–806]

Source and year	All government: Total (mil. dol.)	All government: Percent of total	Federal: Total (mil. dol.)	Federal: Percent of all govt.	State and local: State (mil. dol.)	State and local: Local (mil. dol.)	Annual percent change [1]: Federal	Annual percent change [1]: State	Annual percent change [1]: Local	Per capita [2] (dollars): Federal	Per capita [2] (dollars): State and local
Total: [3]											
1950	51,100	100.0	35,186	68.9	7,930	7,984	3.6	8.5	10.0	232	105
1955	81,072	100.0	57,589	71.0	11,597	11,886	10.4	7.9	8.3	348	142
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,953	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1972	262,534	100.0	153,733	58.6	59,870	48,930	2.6	11.7	12.3	738	522
1973	286,132	100.0	165,030	57.7	68,069	53,032	7.3	13.7	8.4	786	577
1974	314,785	100.0	184,112	58.5	74,207	56,467	11.6	9.0	6.6	871	618
1975	331,435	100.0	189,970	57.3	80,155	61,310	3.2	8.0	8.5	892	664
1976	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
Individual income:											
1950	16,533	32.4	15,745	95.2	724	64	9.7	20.5	20.6	104	5
1955	29,984	37.0	28,747	95.9	1,094	143	12.8	8.6	17.4	174	7
1960	43,178	38.2	40,715	94.3	2,209	[4] 254	7.2	15.1	12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	[4] 433	3.7	10.6	11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	[4] 1,630	13.1	20.2	30.4	445	53
1972	109,974	41.9	94,737	86.1	12,996	[4] 2,241	2.4	19.0	17.3	455	73
1973	121,240	42.3	103,246	85.2	15,587	[4] 2,406	9.0	19.9	7.4	492	86
1974	138,443	43.9	118,952	85.9	17,078	[4] 2,413	15.2	9.6	.3	563	92
1975	143,840	43.4	122,386	85.1	18,819	[4] 2,635	2.9	10.2	9.2	574	101
1976	156,178	43.6	131,603	84.3	21,448	[4] 3,127	7.5	14.0	18.7	613	114
Corporation income: [3]											
1950	11,081	21.7	10,488	94.6	586	7	4.1	.1	(NA)	69	4
1955	18,604	22.9	17,861	96.0	737	7	11.2	4.7	–	108	5
1960	22,674	20.0	21,494	94.8	1,180	(4)	3.8	9.9	(4)	119	7
1965	27,390	18.9	25,461	93.0	1,929	(4)	3.4	10.3	(4)	131	10
1970	36,567	15.7	32,829	89.8	3,738	(4)	5.2	14.2	(4)	162	18
1972	36,582	13.9	32,166	87.9	4,416	(4)	−1.0	8.7	(4)	154	21
1973	41,578	14.5	36,153	87.0	5,425	(4)	12.4	22.8	(4)	172	26
1974	44,635	14.1	38,620	86.5	6,015	(4)	6.8	10.9	(4)	183	28
1975	47,263	14.3	40,621	85.9	6,642	(4)	5.2	10.4	(4)	191	31
1976	48,682	13.6	41,409	85.1	7,273	(4)	1.9	9.5	(4)	193	34
Sales, gross receipts: [5]											
1950	12,997	25.4	7,843	60.3	4,670	484	1.3	7.5	10.0	52	34
1955	17,221	21.2	9,578	55.6	6,864	779	4.1	8.0	10.0	58	46
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1972	57,589	21.9	20,101	34.9	33,250	4,238	4.8	10.5	18.7	97	180
1973	61,769	21.6	19,722	31.9	37,123	4,924	−1.9	11.6	16.2	94	200
1974	66,632	21.1	20,534	30.8	40,556	5,542	4.1	9.2	12.6	97	218
1975	70,905	21.4	21,090	29.7	43,346	6,468	2.7	6.9	16.7	99	234
1976	76,265	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
Property:											
1950	7,349	14.4	(X)	(X)	307	7,042	(X)	5.5	9.7	(X)	48
1955	10,735	13.2	(X)	(X)	412	10,323	(X)	6.1	8.0	(X)	65
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1972	42,133	16.0	(X)	(X)	1,257	40,876	(X)	7.3	11.4	(X)	202
1973	45,283	15.8	(X)	(X)	1,312	43,970	(X)	4.4	7.6	(X)	216
1974	47,705	15.1	(X)	(X)	1,301	46,404	(X)	−.8	5.6	(X)	226
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	11.5	7.7	(X)	242
1976	57,001	15.9	(X)	(X)	2,118	54,884	(X)	46.0	9.7	(X)	266
Other taxes: [6]											
1950	3,140	6.1	1,110	35.4	1,643	387	5.5	10.7	(NA)	7	13
1955	4,527	5.6	1,402	31.0	2,490	634	4.8	8.7	10.4	8	19
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1972	16,256	6.2	6,729	41.4	7,951	1,575	21.7	9.0	15.9	32	46
1973	16,265	5.7	5,909	36.3	8,622	1,731	−12.2	8.4	9.9	28	49
1974	17,370	5.5	6,006	34.6	9,257	2,108	1.6	7.4	21.8	28	54
1975	17,936	5.4	5,873	32.7	9,897	2,166	−2.2	6.9	2.8	28	57
1976	20,101	5.6	6,684	33.3	11,026	2,390	13.8	11.4	10.3	31	63

– Represents zero. NA Not available.
X Not applicable.

[1] Represents average for period of intervals shown here; for 1950, change from 1948. Minus sign (–) denotes decrease.
[2] See footnote 3, table 469. [3] Federal includes excess profits tax, normal tax, and surtax.
[4] Corporation included with individual income. [5] Federal taxes include customs. [6] Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1972*, vol. 4, No. 5, *Compendium of Government Finances*, and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

No. 475. All Governments—Expenditure for Capital Outlay: 1960 to 1976

[In millions of dollars. Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788]

Year and function	Total capital outlay					Construction expenditure only				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1960	31,946	16,842	15,104	6,607	8,497	15,832	3,480	12,352	5,509	6,843
1965	33,744	13,209	20,535	9,175	11,360	20,885	4,472	16,413	7,508	8,905
1970	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1971	48,823	15,686	33,137	14,736	18,402	31,051	4,081	26,970	12,446	14,524
1972	55,053	20,816	34,237	15,283	18,953	32,908	4,801	28,107	13,022	15,085
1973	55,363	20,091	35,272	14,677	20,595	32,883	4,632	28,251	12,327	15,924
1974	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976, total	**71,631**	**25,100**	**46,531**	**18,009**	**28,522**	**45,223**	**6,924**	**38,299**	**15,285**	**23,014**
National defense and international relations	18,158	18,158	(X)	(X)	(X)	2,810	2,810	(X)	(X)	(X)
Space research [1]	184	184	(X)	(X)	(X)	121	121	(X)	(X)	(X)
Education	10,114	3	10,111	3,164	6,947	7,484	(X)	7,484	2,249	5,235
Higher education	3,007	(X)	3,007	2,417	590	1,064	(X)	1,064	1,575	389
Local schools	6,547	(X)	6,547	190	6,357	5,019	(X)	5,019	174	4,845
Other	559	3	556	556	(X)	501	(X)	501	501	(X)
Highways	14,275	66	14,209	10,907	3,302	12,897	62	12,835	10,021	2,814
Natural resources	5,004	3,932	1,072	736	336	3,667	2,913	754	469	285
Health and hospitals	2,210	367	1,843	813	1,031	1,837	311	1,526	675	851
Sewerage	3,955	(X)	3,955	(X)	3,955	3,779	(X)	3,779	(X)	3,779
Local parks, recreation	1,314	(X)	1,314	(X)	1,314	940	(X)	940	(X)	940
Housing, urban renewal	2,208	810	1,398	217	1,180	1,070	(X)	1,070	217	853
Air transportation	1,090	288	802	208	594	850	201	649	186	462
Water transport [2]	633	283	350	105	245	580	276	304	89	215
Local utilities	5,355	(X)	5,355	(X)	5,355	4,441	(X)	4,441	(X)	4,441
All other	7,131	1,009	6,122	1,859	4,263	4,746	230	4,516	1,377	3,139

X Not applicable. [1] Includes technology. [2] Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1972*, vol. 4, No. 5, *Compendium of Government Finances*; and *Governmental Finances*, series GF No. 5, annual.

No. 476. All Governments—Gross Fixed Capital Formation in Current and Constant (1972) Dollars: 1960 to 1976

[In billions of dollars, except percent. Minus sign (−) denotes decrease]

Item	1960	1965	1970	1971	1972	1973	1974	1975	1976
CURRENT DOLLARS									
Total	**16.6**	**26.4**	**33.2**	**35.1**	**35.9**	**38.6**	**45.8**	**47.8**	**45.6**
Average annual percent change [1]	.8	9.7	4.7	5.8	2.4	7.6	18.4	4.6	−4.8
Federal [2]	2.3	5.0	3.3	3.6	3.8	3.9	4.5	5.3	5.8
Structures	2.3	3.2	2.6	3.1	3.3	3.7	4.4	5.1	5.3
Durable equipment	(Z)	1.8	.8	.5	.4	.2	.1	.3	.5
Addendum: Military equipment and facilities	11.0	9.9	13.9	12.2	13.5	11.8	9.6	12.8	14.4
State and local	14.3	21.4	29.8	31.5	32.2	34.7	41.2	42.5	39.8
Structures [3]	12.7	19.0	25.8	27.0	27.2	29.1	34.7	35.5	32.5
Highways	5.6	7.9	10.3	11.0	10.7	10.7	12.3	10.9	9.8
Education	2.8	4.3	5.7	5.7	5.8	6.7	7.4	7.7	6.3
Sewer and water	1.5	2.5	2.7	2.8	3.1	3.5	4.8	6.6	6.9
Health care	.4	.4	.8	1.2	1.1	1.1	1.4	1.4	1.4
Airports and water terminals	.3	.4	.9	.7	.8	.8	1.0	1.0	.6
Durable equipment [3]	1.6	2.5	4.0	4.5	5.0	5.6	6.5	7.0	7.3
Education	.8	1.4	2.3	2.5	2.6	2.9	3.3	3.6	3.7
Highways	.2	.3	.4	.5	.5	.6	.6	.6	.6
Addendum: Government enterprises	3.4	5.0	7.0	7.1	7.7	8.5	10.6	12.1	11.3
CONSTANT (1972) DOLLARS									
Total	**26.4**	**38.6**	**37.5**	**36.9**	**35.9**	**36.2**	**36.8**	**34.6**	**32.1**
Average annual percent change [1]	1.6	7.9	−.5	−1.6	−2.7	.7	1.6	−5.9	−7.3
Federal	3.6	7.0	3.7	3.8	3.8	3.8	3.8	3.9	4.1
State and local	22.9	31.6	33.8	33.2	32.2	32.4	33.0	30.7	28.0

Z Less than $50 million. [1] Represents average for period of intervals shown; for 1960, change from 1959. [2] Excludes military facilities, military equipment, and net purchases of used structures by defense agencies. [3] Includes other items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States 1929-74; Survey of Current Business*, July 1977; and unpublished data.

No. 477. All Governments—Revenue and Expenditure, by Level of Government: 1976

[Local government amounts are estimates subject to sampling variation; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

Source of revenue and type of expenditure	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	Percent: Federal	Percent: State and local	Per capita [1] (dol.): Federal	Per capita [1] (dol.): State and local
Revenue	[2] 572,615	324,858	185,213	178,338	100.0	100.0	1,513	[2] 1,417
Intergovernmental revenue	(2)	1,331	44,717	69,746	.4	18.2	6	259
Revenue from own sources	572,615	323,527	140,496	108,592	99.6	81.8	1,507	1,160
General revenue from own sources	438,299	237,713	107,401	93,186	73.2	65.8	1,107	934
Percent of total revenue	76.5	73.2	58.0	52.3	(X)	(X)	73.2	65.9
Taxes [3]	358,227	201,414	89,256	67,557	62.0	51.5	938	731
Property	57,001	(X)	2,118	54,884	(X)	18.7	(X)	266
Individual income	156,178	131,603	21,448	3,127	40.5	8.1	613	114
Corporation income	48,682	41,409	7,273	(4)	12.7	2.4	193	34
Sales and gross receipts	76,265	21,718	47,391	7,156	6.7	17.9	101	254
Customs duties	4,496	4,496	(X)	(X)	1.4	(X)	21	(X)
General sales and gross receipts	32,044	(X)	27,333	4,711	(X)	10.5	(X)	149
Selective sales and gross receipts [3]	39,724	17,222	20,058	2,445	5.3	7.4	80	105
Motor fuel	13,364	4,636	8,660	68	1.4	2.9	22	41
Alcoholic beverages	7,582	5,413	2,057	112	1.7	.7	25	10
Tobacco products	6,069	2,488	3,462	119	.8	1.2	12	17
Public utilities	6,354	2,729	2,060	1,564	.8	1.2	13	17
Motor vehicle and operators' licenses	4,677	(X)	4,356	320	(X)	1.5	(X)	22
Death and gift	6,729	5,216	1,513	(NA)	1.6	.5	24	7
Charges and misc. general revenue [3]	80,073	36,299	18,145	25,628	11.2	14.4	169	204
Current charges [3]	51,852	22,532	11,652	17,668	6.9	9.6	105	137
National defense and international relations	6,008	6,008	(X)	(X)	1.8	(X)	28	(X)
Postal service	10,656	10,656	(X)	(X)	3.3	(X)	50	(X)
Education [3]	10,479	53	6,347	4,079	(Z)	3.4	(Z)	49
School lunch sales	1,616	(X)	(X)	1,616	(X)	.5	(X)	8
Higher education	7,098	(X)	6,212	887	(X)	2.3	(X)	33
Natural resources	3,597	3,211	359	28	1.0	.1	15	2
Hospitals	7,206	40	2,116	5,051	(Z)	2.4	(Z)	33
Sewerage and sanitation	2,902	(X)	(X)	2,902	(X)	1.0	(X)	14
Local parks and recreation	568	(X)	(X)	568	(X)	.2	(X)	3
Housing and urban renewal	1,401	531	28	842	.2	.3	2	4
Air transportation	1,124	12	109	1,002	(Z)	.4	(Z)	5
Water transport and terminals	773	269	144	360	.1	.2	1	2
Special assessments	879	(X)	23	856	(X)	.3	(X)	4
Sale of property	1,022	696	73	253	.2	.1	3	2
Interest earnings	10,753	3,780	3,387	3,587	1.2	2.3	18	32
Utility revenue	12,573	(X)	(X)	12,573	(X)	4.1	(X)	59
Liquor stores revenue	2,553	(X)	2,196	357	(X)	.8	(X)	12
Insurance trust revenue	119,190	85,814	30,900	2,477	26.4	11.0	400	155
Expenditure	[2] 626,116	391,085	181,966	[2] 181,802	100.0	100.0	1,822	[2] 1,422
Intergovernmental expenditure	(2)	69,057	57,858	1,822	17.7	.4	322	6
General revenue sharing	6,238	6,238	(X)	(X)	1.6	(X)	29	(X)
Direct expenditure	626,116	322,028	124,108	179,980	82.3	99.6	1,500	1,417
General expenditure	476,146	220,595	95,832	159,720	56.4	83.7	1,028	1,191
Percent of total expenditure	76.0	56.4	52.7	87.9	(X)	(X)	56.4	83.8
Utility expenditure	17,451	(X)	(X)	17,451	(X)	5.7	(X)	81
Liquor stores expenditure	2,091	(X)	1,781	310	(X)	.7	(X)	10
Insurance trust expenditure	130,427	101,433	26,495	2,499	25.9	9.5	473	135
By character and object:								
Current operation	335,331	130,944	68,175	136,212	33.5	67.0	610	952
Capital outlay	71,631	25,100	18,009	28,522	6.4	15.2	117	217
Construction	45,223	6,924	15,285	23,014	1.8	12.5	32	178
Equipment	22,004	16,629	1,450	3,925	4.3	1.8	77	25
Land and existing structures	4,404	1,547	1,274	1,583	.4	.9	7	13
Assistance and subsidies	47,739	35,245	7,290	5,205	9.0	4.1	164	58
Interest on debt	40,987	29,306	4,140	7,542	7.5	3.8	137	54
Insurance benefits and repayments	130,427	101,433	26,495	2,499	25.9	9.5	473	135
Expenditure for personal services	186,826	[5] 70,360	32,856	83,610	18.0	38.2	328	543

NA Not available. X Not applicable. Z Less than $.50 or .05 percent.
[1] Based on estimated resident population as of July 1, 1976.
[2] Aggregates exclude duplicative transactions between levels of government; see source.
[3] Includes amounts not shown separately. [4] Minor amount included in individual income tax.
[5] Includes pay and allowances of military personnel.
Source: U.S. Bureau of the Census, *Governmental Finances in 1975-76*, series GF 76, No. 5.

No. 478. Federal Aid to State and Local Governments: 1965 to 1978

[In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Comprises Federal funds and trust funds. See *Historical Statistics, Colonial Times to 1970*, series Y 638–651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1965	1970	1972	1973	1974	1975	1976	1977	1978, est.
Grant-in-aid shared revenue	10,904	24,018	34,372	41,832	43,308	49,723	59,037	68,396	80,288
National defense	33	37	45	56	64	74	89	96	90
International affairs and finance	4	5	5	6	7	(1)	(1)	(1)	(1)
Natural resources and environment	182	429	758	1,066	1,994	2,436	3,026	4,189	4,895
Environmental Protection Agency	75	194	460	745	1,623	2,025	2,563	3,724	4,379
Other	107	235	298	321	371	411	463	465	516
Energy	9	25	30	32	36	43	56	74	270
Agriculture	517	603	494	484	480	404	425	371	391
Transportation	4,100	4,539	5,065	5,350	5,279	5,864	7,981	8,299	9,561
Airports	71	83	106	232	243	292	269	335	540
Highways	4,008	4,332	4,678	4,731	4,479	4,702	6,272	6,027	6,830
Railroads	–	–	–	–	–	(Z)	2	22	69
Urban mass transit	11	105	179	291	348	688	1,262	1,615	1,909
Other	10	19	102	96	209	182	176	300	213
Commerce and housing credit	(Z)	6	2	8	9	8	10	18	34
Community and regional development	689	2,428	3,181	3,218	3,222	2,842	3,445	4,496	6,700
Appalachian development	–	184	235	260	286	306	315	246	303
Community development block grants	(X)	(X)	(X)	(X)	(X)	38	983	2,089	2,584
Urban renewal	281	1,054	1,218	1,010	1,205	1,374	1,166	899	650
Other	408	1,190	1,728	1,948	1,731	1,124	981	1,262	3,163
Education, employment, training, and social services	981	5,745	8,775	8,828	8,721	12,131	14,141	15,753	20,812
Elementary and secondary education	81	1,470	1,883	1,819	1,665	2,276	2,159	2,340	2,556
School assistance in federally affected areas	341	622	602	519	530	577	558	719	744
Occupational, vocational, adult education	132	285	501	592	569	653	748	692	739
Library resources	26	105	68	85	137	210	137	160	192
Work incentives	–	81	163	266	323	304	299	348	352
Human development	[2] 102	[2] 441	807	1,038	1,240	1,596	1,594	1,820	1,973
Comprehensive manpower assistance	22	421	1,156	987	1,137	2,504	2,853	2,940	4,151
Temporary employment assistance	(X)	(X)	(X)	(X)	(X)	319	1,887	2,340	4,765
Social services	–	574	1,930	1,613	1,471	2,047	2,251	2,534	3,246
Other	277	1,746	1,665	1,909	1,649	1,675	1,655	1,860	2,094
Health	624	3,850	5,980	6,002	7,322	8,810	10,914	12,104	12,875
Alcohol, drug abuse, and mental health	(3)	(3)	(3)	319	302	590	535	471	564
Medicaid	272	2,727	4,601	4,600	5,818	6,840	8,568	9,876	10,846
Other	352	1,123	1,379	1,083	1,202	1,380	1,811	1,757	1,465
Income security	3,530	5,813	9,113	8,947	8,682	9,279	10,875	12,613	13,985
Public assistance	2,787	4,142	6,559	5,923	5,423	5,121	5,849	6,351	6,711
Food stamps—Administration [4]	32	559	27	31	48	136	267	271	296
Child nutrition and special milk programs	263	379	708	685	793	1,565	1,878	2,775	2,794
Housing assistance	206	436	750	1,053	1,116	1,326	1,588	1,815	2,469
Other	242	297	1,069	1,255	1,302	1,131	1,293	1,401	1,715
Veterans benefits and services	8	18	19	20	26	32	52	79	85
Administration of justice	–	42	322	527	639	725	795	713	649
General government	13	49	92	76	95	103	128	154	197
General purpose fiscal assistance	214	430	490	7,211	6,730	6,971	7,102	9,438	9,743
General revenue sharing	(X)	(X)	(X)	6,636	6,106	6,130	6,243	6,758	6,827
Other	214	430	490	575	624	841	859	2,680	2,916
PERCENT DISTRIBUTION									
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural resources and environment	1.7	1.8	2.2	2.5	4.6	4.9	5.1	6.1	6.1
Energy	–	.1	.1	.1	.1	.1	.1	.1	.3
Agriculture	4.7	2.5	1.4	1.2	1.1	.8	.7	.5	.5
Transportation	37.6	18.9	14.7	12.8	12.2	11.8	13.5	12.1	11.9
Community and regional development	6.3	10.1	9.2	7.7	7.4	5.7	5.8	6.6	8.3
Education, employment, training, and social services	9.0	23.9	25.5	21.1	20.1	24.4	23.9	23.0	25.9
Health	5.7	16.0	17.4	14.3	16.9	17.7	18.5	17.7	16.0
Income security	32.4	24.2	26.5	21.4	20.0	18.7	18.4	18.4	17.4
Administration of justice	–	.2	.9	1.3	1.5	1.5	1.3	1.0	.8
General purpose fiscal assistance	2.0	1.8	1.4	17.2	15.5	14.0	12.0	13.8	12.1
Other	.6	.5	.7	.4	.6	.4	.7	.7	.7

– Represents zero. X Not applicable. Z Less than $500,000. [1] Funds for this function now provided to a private institution. [2] Excludes Office of Child Development. [3] Prior to 1973 included in "Other" health grants. [4] Beginning 1972, this program treated as a direct Federal program in President's Budget. Represents administration grants only.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 479. Federal Aid to State and Local Governments—Selected Programs, Total, 1970 to 1977, and by States and Other Areas, 1977

[In millions of dollars, except per capita. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30]

Year, and state or other area	Total, Federal aid [1]	Federal aid, per capita [2] (dol.)	Social and rehabilitation service: Public assistance, total [3]	Social and rehabilitation service: Medicaid	Department of—: Treasury, general revenue sharing	Department of—: Transportation, highway fund	OE [4] elementary and secondary education	EPA [5] waste treatment facilities construction	HUD [6]: Low rent public housing	HUD [6]: Community development block grants	ETA [7] comprehensive manpower act
1970, total	24,194	(NA)	7,445	(X)	(X)	4,300	1,469.5	(NA)	434.5	(X)	420.1
1972, total	35,941	(NA)	13,090	(X)	(X)	4,562	1,882.9	413.4	749.1	(X)	1,152.8
1973, total	43,964	(NA)	11,937	4,596	6,636	4,605	1,819.1	684.3	1,049.0	(X)	972.0
1974, total	46,040	(NA)	12,714	5,818	6,106	4,361	1,674.8	1,552.5	1,127.3	(X)	1,146.4
1975, total	49,723	(NA)	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1976, total	59,112	(NA)	16,659	8,568	6,238	6,482	2,130.2	2,428.5	1,559.2	982.8	2,874.1
TQ [8]	16,444	(NA)	4,400	2,454	1,588	1,716	699.6	919.4	646.1	439.0	974.7
1977, total	**68,437**	(NA)	**18,750**	**9,860**	**6,758**	**6,005**	**2,339.1**	**3,529.6**	**1,984.3**	**2,088.8**	**2,939.7**
U.S.	66,083	305	18,687	9,828	6,758	5,941	2,302.1	3,509.7	1,877.3	2,036.2	2,861.4
Ala.	1,121	304	254	147	107	155	48.5	32.4	43.0	40.5	43.5
Alaska	382	939	32	11	13	120	6.4	16.9	8.5	4.8	6.1
Ariz.	648	282	47	–	64	107	50.3	16.9	20.0	14.8	35.0
Ark.	639	298	171	112	70	72	30.3	19.7	18.0	24.2	28.0
Calif.	6,814	311	2,477	1,190	709	349	162.1	256.6	147.7	159.5	341.5
Colo.	715	273	147	68	73	127	21.7	20.7	13.4	18.7	24.9
Conn.	895	288	225	105	84	51	24.8	71.6	34.3	51.3	50.2
Del.	187	321	34	12	21	18	6.3	21.2	5.5	4.0	8.8
D.C.	942	1,365	120	63	28	26	35.2	15.1	24.7	27.6	18.4
Fla.	1,988	235	356	148	202	255	82.6	162.4	63.1	51.5	128.4
Ga.	1,861	369	474	291	141	127	180.5	41.9	61.3	48.2	67.1
Hawaii	400	447	87	36	31	57	7.7	39.1	7.4	3.9	12.4
Idaho	287	335	51	25	25	69	6.4	6.5	2.1	5.8	10.7
Ill.	3,202	285	959	491	454	280	111.7	182.8	115.8	66.6	127.9
Ind.	1,095	205	245	151	141	82	31.9	75.2	33.2	45.8	67.0
Iowa	714	248	189	95	81	101	28.1	45.1	6.8	25.0	20.3
Kans.	549	236	158	85	59	70	18.8	23.3	11.4	24.7	14.6
Ky.	1,018	294	292	140	111	97	35.0	25.1	29.6	28.6	43.8
La.	1,237	315	327	200	147	180	53.6	44.0	39.9	23.8	46.9
Maine	412	380	116	69	41	34	9.5	50.8	8.6	11.6	16.3
Md.	1,245	301	284	148	133	139	44.7	83.6	35.6	45.9	45.2
Mass.	2,080	360	663	363	210	173	44.8	86.6	91.3	83.7	101.7
Mich.	2,915	319	970	457	273	217	90.9	201.7	32.2	89.8	155.1
Minn.	1,224	308	374	220	133	123	35.1	78.7	37.8	46.6	45.6
Miss.	801	335	165	114	101	84	45.8	23.1	13.8	33.1	29.2
Mo.	1,142	238	264	114	125	149	36.5	68.2	35.9	48.7	50.8
Mont.	348	457	50	29	24	96	8.3	7.3	2.5	6.6	11.0
Nebr.	368	236	69	48	42	58	22.6	19.7	10.0	10.9	12.2
Nev.	206	325	21	10	16	53	3.5	5.1	6.3	1.7	10.4
N.H.	234	276	53	30	22	38	6.1	22.9	7.8	4.3	9.0
N.J.	2,200	300	585	252	208	92	64.9	214.9	94.5	68.6	120.3
N. Mex.	449	377	72	39	43	48	22.5	7.8	11.8	18.7	17.0
N.Y.	7,447	415	2,919	1,716	750	260	181.9	554.2	234.4	202.7	275.9
N.C.	1,512	274	349	183	166	165	61.3	34.9	49.1	51.9	65.6
N. Dak.	224	343	38	21	18	46	8.1	2.7	6.8	6.9	5.5
Ohio	2,510	235	650	295	268	180	69.5	188.9	83.7	101.6	146.5
Okla.	782	278	228	150	73	65	24.0	27.3	31.5	32.7	27.4
Oreg.	836	352	211	89	72	86	23.6	45.7	16.6	13.8	39.4
Pa.	3,628	308	1,138	535	350	247	95.4	179.5	118.3	162.6	156.2
R.I.	358	383	115	67	29	16	10.8	27.7	14.5	16.4	17.4
S.C.	803	279	185	110	93	57	39.6	31.2	12.1	23.1	41.5
S. Dak.	240	348	49	23	21	45	8.9	5.0	6.8	9.7	3.9
Tenn.	1,189	277	278	164	123	138	42.6	41.1	42.1	38.2	49.8
Tex.	2,885	225	766	487	332	272	156.2	108.0	96.4	107.0	107.2
Utah	388	306	80	36	37	79	8.2	17.1	3.8	6.4	13.8
Vt.	223	462	59	33	19	30	5.5	9.3	4.3	3.5	7.1
Va.	1,311	255	293	148	143	206	45.9	98.3	27.7	45.8	49.5
Wash.	1,119	306	271	132	100	143	30.9	42.5	21.3	25.2	57.7
W. Va.	631	339	114	50	61	117	18.7	17.9	10.2	19.2	24.5
Wis.	1,493	321	604	321	161	94	90.4	88.8	22.9	27.0	50.9
Wyo.	186	458	13	5	11	50	3.5	2.9	1.1	2.8	2.2
Puerto Rico	939	(NA)	59	30	–	13	32.4	12.3	48.2	49.0	71.7
Virgin Islands	235	(NA)	4	2	–	–	.8	2.2	7.8	–	2.7
Other areas [9]	180	(NA)	4	–	–	–	3.8	5.4	1.8	3.3	3.9

– Represents zero. NA Not available. X Not applicable. [1] Includes amounts not shown separately. [2] Based on Bureau of the Census estimated resident population as of July 1, 1977, including Armed Forces stationed in area. [3] Includes child welfare services, maintenance assistance, social services, and State and local training not shown separately. [4] Office of Education. [5] Environmental Protection Agency. [6] Department of Housing and Urban Development. [7] Employment and Training Administration. [8] Transition quarter, July–Sept. [9] American Samoa, Guam, and Trust Territory of the Pacific Islands.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

No. 480. State and Local Governments—Summary of Finances: 1960 to 1976

[In millions of dollars, except percent. Local government amounts are estimates subject to sampling variations; see source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652–709]

Source of revenue and type of expenditure	1960	1965	1970	1972	1973	1974	1975	1976 Total	1976 Percent
Revenue	60,277	87,777	150,106	189,724	217,616	237,856	261,592	304,678	100.0
From Federal Government [1]	6,974	11,029	21,857	31,253	39,256	41,320	47,034	55,589	18.2
Public welfare	2,070	3,098	7,574	12,358	13,771	13,432	14,357	17,000	5.6
Highways	2,905	3,997	4,608	4,918	4,705	4,552	5,320	6,339	2.1
Education	950	1,677	5,844	7,044	7,571	7,867	9,078	9,871	3.2
Employment security adminis.	325	413	664	1,152	1,281	1,299	1,525	1,664	.5
Other and unallocable	724	1,844	3,167	5,781	11,927	14,670	16,754	20,715	6.8
From State and local sources	53,302	76,748	128,248	158,471	178,360	196,036	214,558	249,089	81.8
General, net intergovernmental	43,530	62,971	108,898	135,100	150,958	165,850	181,137	200,586	65.8
Taxes	36,117	51,243	86,795	108,801	121,102	130,673	141,465	156,813	51.5
Property	16,405	22,583	34,054	42,133	45,283	47,705	51,491	57,001	18.7
Sales and gross receipts	11,849	17,118	30,322	37,488	42,047	46,098	49,815	54,547	17.9
Individual income	2,463	4,090	10,812	15,237	17,994	19,491	21,454	24,575	8.1
Corporation income	1,180	1,929	3,738	4,416	5,425	6,015	6,642	7,273	2.4
Other	4,220	5,521	7,868	9,527	10,354	11,364	12,063	13,417	4.4
Charges and miscellaneous	7,414	11,729	22,103	26,299	29,856	35,177	39,672	43,774	14.4
Utility and liquor stores	4,877	6,355	8,614	9,975	10,898	11,747	13,335	15,126	5.0
Water supply system	1,529	2,004	2,687	3,165	3,463	3,712	4,142	4,463	1.5
Electric power system	1,307	1,833	2,385	2,912	3,355	3,763	4,689	5,819	1.9
Transit system	581	776	1,135	1,235	1,267	1,366	1,411	1,566	.5
Gas supply system	196	295	401	475	536	551	625	725	.2
Liquor stores	1,264	1,447	2,006	2,188	2,276	2,355	2,468	2,553	.8
Insurance trust revenue [2]	4,896	7,422	10,736	13,398	16,504	18,439	20,086	33,376	11.0
Employee retirement	2,099	3,423	6,493	8,438	10,064	10,900	12,354	14,533	4.8
Unemployment compensation	2,323	3,244	3,101	3,601	4,964	5,729	5,734	16,575	5.4
Direct expenditure	60,999	86,554	148,052	188,825	205,336	225,691	265,508	304,088	100.0
By function:									
Direct general expenditure [2]	51,876	74,546	131,332	166,873	181,227	198,618	229,747	255,551	84.0
Education [2]	18,719	28,563	52,718	64,886	69,714	75,833	87,858	97,216	32.0
Higher education [3]	3,202	5,863	12,924	15,946	17,370	18,884	21,702	24,304	8.0
Local schools	15,166	21,966	37,461	45,058	48,789	53,059	61,485	67,674	22.3
Highways	9,428	12,221	16,427	19,010	18,615	19,946	22,528	23,907	7.9
Public welfare	4,404	6,315	14,679	21,070	23,582	24,745	27,191	31,435	10.3
Health	559	836	1,806	2,574	2,732	3,452	4,414	4,960	1.6
Hospitals	3,235	4,525	7,863	10,293	11,112	12,493	14,432	15,726	5.2
Police protection	1,857	2,549	4,494	5,976	6,710	7,289	8,526	9,531	3.1
Local fire protection	995	1,306	2,024	2,577	2,770	3,037	3,522	3,898	1.3
Natural resources	1,189	1,730	2,732	3,110	3,278	3,661	4,223	4,662	1.5
Sanitation and sewerage	1,727	2,360	3,413	4,729	5,322	5,995	7,438	8,239	2.7
Housing and urban renewal	858	1,250	2,138	2,781	3,165	3,461	3,460	3,151	1.0
Local parks and recreation	770	1,104	1,888	2,323	2,561	2,951	3,462	3,864	1.2
Financial administration	2,113	1,267	2,030	2,480	2,811	3,165	3,594	3,960	1.3
General control		1,506	2,652	3,407	3,841	4,371	5,046	5,711	1.9
Interest on general debt [4]	1,670	2,490	4,374	5,963	6,785	7,666	8,782	10,269	3.4
Utility and liquor stores [4]	5,088	7,058	9,447	11,414	13,035	14,406	17,285	19,542	6.4
Water supply system	1,881	2,505	3,211	3,732	4,084	4,669	5,440	5,929	1.9
Electric power system	1,244	1,983	2,486	3,346	3,761	4,152	5,280	6,420	2.1
Transit system	750	1,127	1,753	2,186	2,865	3,161	3,977	4,432	1.5
Gas supply system	191	272	370	433	493	505	580	661	.2
Liquor stores	1,022	1,172	1,627	1,717	1,831	1,919	2,009	2,091	.7
Insurance trust expenditure [2]	4,031	4,950	7,273	10,538	11,074	12,667	18,475	28,994	9.5
Employee retirement	1,265	2,298	3,629	4,757	5,824	6,639	7,443	8,422	2.8
Unemployment compensation	2,364	2,008	2,723	4,741	4,081	4,703	9,577	18,942	6.2
By character and object:									
Current operation	36,318	53,929	97,915	125,630	138,974	154,810	180,976	204,387	67.0
Capital outlay	15,104	20,535	29,650	34,237	35,272	38,084	44,824	46,531	15.2
Construction	12,352	16,413	24,252	28,107	28,251	30,542	36,356	38,299	12.5
Land and existing structures	1,560	2,471	2,631	3,012	3,279	3,350	3,367	2,857	.9
Equipment	1,192	1,652	2,768	3,118	3,741	4,192	5,101	5,375	1.8
Assistance and subsidies	3,518	4,127	8,090	11,527	12,187	11,290	11,146	12,494	4.1
Interest on debt (gen. and util.)	2,028	3,012	5,123	6,893	7,828	8,840	10,087	11,681	3.8
Insur. benefits and repayments	4,031	4,950	7,273	10,538	11,074	12,667	18,475	28,994	9.5
Expenditure for personal services	*24,445*	*36,095*	*62,998*	*78,679*	*86,042*	*94,054*	*106,168*	*116,466*	*38.1*
Debt outstanding, end of year	69,955	99,512	143,570	174,502	188,485	206,616	221,256	240,086	100.0
Long-term	66,801	94,204	131,415	158,781	172,605	189,953	201,470	221,309	92.2
Short-term	3,154	5,309	12,155	15,722	15,879	16,663	19,786	18,777	7.8
Net change, end of year	*5,845*	*7,290*	*10,022*	*15,675*	*13,983*	*18,131*	*14,608*	*18,862*	(X)

X Not applicable. [1] Beginning 1972, based on estimates; prior years based on Federal expenditures. [2] Includes amounts not shown separately. [3] State institutions. [4] Interest on utility debt included in "utility expenditure." For total expenditure for interest on debt, see "Interest on debt (general and utility)," below.

Source: U.S. Bureau of the Census, *Census of Governments: 1972*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 481. State and Local Government Receipts and Expenditures in the National Income Accounts: 1960 to 1977

[In billions of dollars. Includes transactions of trust accounts. For explanation of national income, see text, p. 437]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Receipts	49.9	75.1	134.9	152.6	177.4	193.5	210.4	235.7	264.7	294.5
Personal tax and nontax receipts	6.7	10.9	23.1	26.4	33.0	36.1	39.2	43.4	49.6	56.8
Income taxes	2.5	4.4	11.1	12.7	17.5	19.1	20.6	22.8	26.8	31.7
Nontaxes	2.0	3.5	7.7	9.1	10.5	11.5	12.8	14.4	16.0	17.5
Other	2.3	3.0	4.3	4.6	5.1	5.5	5.8	6.2	6.8	7.6
Corporate profits tax accruals	1.2	2.0	3.7	4.2	5.0	5.7	6.5	7.1	8.9	9.7
Indirect business tax and nontax accruals	32.0	46.1	74.7	83.1	91.0	99.0	106.9	114.7	127.1	140.3
Sales taxes	12.2	18.2	31.5	35.3	39.6	44.0	48.0	51.4	57.3	63.8
Property taxes	16.2	23.2	36.5	40.3	43.0	46.0	48.7	52.3	57.6	62.8
Other	3.6	4.7	6.7	7.5	8.5	9.0	10.1	11.0	12.3	13.7
Contributions for social insurance	3.4	5.0	9.0	9.9	10.8	12.1	13.9	15.9	18.1	20.1
Federal grants-in-aid	6.5	11.1	24.4	29.0	37.5	40.6	43.9	54.6	61.0	67.6
Expenditures [1]	49.8	75.1	132.2	148.9	163.7	180.5	202.8	229.8	246.2	265.3
Purchases of goods and services	46.5	71.1	123.2	137.5	151.0	167.3	191.5	215.6	231.2	249.5
Compensation of employees	25.5	39.3	70.0	78.5	87.3	97.1	106.5	119.2	129.2	139.4
Other	21.1	31.8	53.3	59.0	63.7	70.2	85.1	96.4	102.0	110.2
Transfer payments to persons	5.4	7.3	14.6	17.2	18.9	20.3	20.5	23.8	25.9	28.0
Net interest and subsidies [2]	−2.1	−3.3	−5.6	−5.6	−6.3	−7.3	−9.1	−9.7	−10.9	−12.3
Surplus or deficit (−)	.1	-	2.8	3.7	13.7	13.0	7.6	5.9	18.4	29.2

- Represents zero.
[1] Includes wage accruals less disbursements of $170 million in 1971, −$150 million in 1972, and −$20 million in 1973, not shown separately. [2] Less current surplus of government enterprises.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July 1977 and February 1978.

No. 482. State and Local Governments—General Revenues and Direct General Expenditures: 1960 to 1976

[See *Historical Statistics, Colonial Times to 1970*, series Y 652–709, for totals]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976
General revenue ... bil. dol.	50.5	74.0	130.8	144.9	166.4	190.2	207.7	228.2	256.2
Percent of total:									
From Federal Government	13.8	14.9	16.7	18.0	18.8	20.6	20.1	20.6	21.7
Taxes	71.5	69.2	66.4	65.5	65.4	63.7	62.9	62.0	61.2
Property	32.5	30.5	26.0	26.1	25.3	23.8	23.0	22.6	22.3
Sales and gross receipts	23.5	23.1	23.2	22.9	22.5	22.1	22.2	21.8	21.3
Individual income	4.9	5.5	8.3	8.2	9.2	9.5	9.4	9.4	9.6
Other	10.7	10.1	8.9	8.3	8.4	8.3	8.4	8.2	8.1
Charges and miscellaneous	14.7	15.9	16.9	16.4	15.8	15.7	16.9	17.4	17.1
Per capita, total [1]	$281	$382	$643	$703	$799	$906	$983	$1,071	$1,194
From Federal Government	39	57	108	127	150	187	198	221	259
Taxes	201	264	427	460	522	577	618	664	731
Property tax	91	117	168	184	202	216	226	242	266
Charges and miscellaneous	41	61	109	115	126	142	166	186	204
Direct gen'l expenditure ... bil. dol.	51.9	74.5	131.3	150.7	166.9	181.2	198.6	229.7	255.6
Percent of total:									
Education	36.1	38.3	40.1	39.4	38.9	38.5	38.2	38.2	38.0
Highways	18.2	16.4	12.5	12.0	11.4	10.3	10.0	9.8	9.4
Public welfare	8.5	8.5	11.2	12.1	12.6	13.0	12.5	11.8	12.3
Health and hospitals	7.5	7.2	7.4	7.4	7.7	7.6	8.0	8.2	8.1
Police protection and correction	3.6	4.7	4.7	4.7	4.8	5.0	5.1	5.2	5.2
Natural resources	2.3	2.3	2.1	2.0	1.9	1.8	1.8	1.8	1.8
Sanitation and sewerage	3.3	3.2	2.6	2.7	2.8	2.9	3.0	3.2	3.2
Housing and urban renewal	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.5	1.2
Interest on general debt	3.2	3.3	3.3	3.4	3.6	3.7	3.9	3.8	4.0
All other [2]	15.8	14.4	14.5	14.5	14.6	15.4	15.8	16.5	16.8
Per capita, total [1]	$288	$385	$646	$731	$801	$864	$940	$1,087	$1,191
Education	104	147	259	288	312	332	359	416	453
Highways	52	63	81	88	91	89	94	107	111
Public welfare	24	33	72	88	101	112	117	129	146
Health and hospitals	21	28	48	54	62	66	75	89	96
Police protection and correction	10	18	30	34	39	43	48	56	62
Natural resources	7	9	13	15	15	16	17	20	22
Sanitation and sewerage	10	12	17	20	23	25	28	35	38
Housing and urban renewal	5	6	11	12	13	15	16	16	15
Interest on general debt	9	13	22	25	29	32	36	42	48
All other [2]	45	56	94	106	117	133	148	177	199

[1] See footnote 3, table 469.
[2] Includes fire protection, financial administration, and general control, as well as miscellaneous lesser functions.

Source: U.S. Bureau of the Census, *Census of Governments: 1972*, vol. 6, No. 4, *Historical Statistics on Government Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 483. State and Local Governments—General Revenue, Origin and Allocation, by States: 1976

[Local government amounts are estimates subject to sampling variation; see source]

STATE	Total general revenue (mil. dol.)	ORIGINATING LEVEL OF GOVERNMENT [1]						FINAL RECIPIENT LEVEL [2]			
		Revenue (mil. dol.)			Percent			Revenue (mil. dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
U.S.	256,176	55,589	107,401	93,186	21.7	41.9	36.4	95,949	160,227	37.5	62.5
Ala.	3,359	943	1,554	862	28.1	46.3	25.7	1,705	1,654	50.8	49.2
Alaska	1,279	308	762	210	24.1	59.5	16.4	849	430	66.4	33.6
Ariz.	2,591	489	1,203	899	18.9	46.4	34.7	922	1,670	35.6	64.4
Ark.	1,876	581	842	453	31.0	44.9	24.2	956	920	51.0	49.0
Calif.	31,801	6,227	12,310	13,264	19.6	38.7	41.7	9,448	22,354	29.7	70.3
Colo.	3,270	727	1,288	1,255	22.2	39.4	38.4	1,237	2,034	37.8	62.2
Conn.	3,492	636	1,527	1,329	18.2	43.7	38.1	1,591	1,901	45.6	54.4
Del.	799	173	472	154	21.7	59.0	19.3	443	355	55.5	44.5
D.C.	1,602	812	(x)	790	50.2	(x)	49.8	(x)	1,602	(x)	100.0
Fla.	8,116	1,491	3,347	3,278	18.4	41.2	40.4	2,501	5,615	30.8	69.2
Ga.	5,031	1,244	1,947	1,840	24.7	38.7	36.6	2,181	2,850	43.3	56.7
Hawaii	1,428	393	802	233	27.5	56.2	16.3	1,077	351	75.4	24.6
Idaho	894	236	401	257	26.4	44.8	28.8	428	466	47.8	52.2
Ill.	13,032	2,594	5,493	4,945	19.9	42.2	37.9	5,282	7,750	40.5	59.5
Ind.	5,010	913	2,382	1,715	18.2	47.5	34.2	1,949	3,061	38.9	61.1
Iowa	3,318	678	1,446	1,194	20.4	43.6	36.0	1,233	2,085	37.2	62.8
Kans.	2,478	494	1,051	934	19.9	42.4	37.7	1,081	1,397	43.6	56.4
Ky.	3,367	898	1,705	763	26.7	50.7	22.7	1,911	1,455	56.8	43.2
La.	4,408	1,053	2,264	1,092	23.9	51.4	24.8	2,186	2,222	49.6	50.4
Maine	1,171	300	629	242	25.6	53.7	20.7	655	516	55.9	44.1
Md.	5,360	1,092	2,379	1,889	20.4	44.4	35.2	1,790	3,570	33.4	66.6
Mass.	7,816	1,711	3,161	2,944	21.9	40.4	37.7	3,409	4,407	43.6	56.4
Mich.	11,594	2,667	4,607	4,320	23.0	39.7	37.3	4,327	7,267	37.3	62.7
Minn.	5,401	1,115	2,635	1,651	20.6	48.8	30.6	2,082	3,319	38.5	61.5
Miss.	2,257	651	1,048	558	28.8	46.4	24.7	1,058	1,200	46.9	53.1
Mo.	4,459	1,026	1,658	1,776	23.0	37.2	39.8	1,751	2,709	39.3	60.7
Mont.	973	268	358	347	27.6	36.8	35.7	437	536	44.9	55.1
Nebr.	1,737	369	623	744	21.3	35.9	42.9	708	1,029	40.8	59.2
Nev.	859	169	341	349	19.7	39.7	40.7	328	531	38.2	61.8
N.H.	782	183	263	336	23.4	33.6	43.0	335	447	42.9	57.1
N.J.	8,617	1,568	2,904	4,145	18.2	33.7	48.1	2,608	6,009	30.3	69.7
N. Mex.	1,422	373	824	226	26.2	57.9	15.9	757	665	53.2	46.8
N.Y.	31,263	6,064	11,599	13,600	19.4	37.1	43.5	6,559	24,704	21.0	79.0
N.C.	4,877	1,180	2,443	1,254	24.2	50.1	25.7	1,936	2,941	39.7	60.3
N. Dak.	833	179	438	216	21.5	52.6	25.9	466	367	56.0	44.0
Ohio	10,347	1,988	4,068	4,291	19.2	39.3	41.5	3,494	6,852	33.8	66.2
Okla.	2,743	681	1,315	746	24.8	48.0	27.2	1,390	1,353	50.7	49.3
Oreg.	3,064	789	1,148	1,127	25.8	37.5	36.8	1,317	1,746	43.0	57.0
Pa.	12,735	2,975	5,781	3,979	23.4	45.4	31.2	5,634	7,101	44.2	55.8
R.I.	1,121	311	511	299	27.7	45.6	26.7	619	502	55.2	44.8
S.C.	2,642	671	1,333	638	25.4	50.5	24.1	1,401	1,241	53.0	47.0
S. Dak.	763	215	275	273	28.2	36.0	35.8	395	368	51.8	48.2
Tenn.	3,815	1,016	1,516	1,283	26.6	39.7	33.6	1,626	2,189	42.6	57.4
Texas	12,376	2,559	5,303	4,515	20.7	42.8	36.5	5,204	7,172	42.0	58.0
Utah	1,361	381	604	375	28.0	44.4	27.6	691	670	50.8	49.2
Vt.	630	190	270	170	30.2	42.8	26.9	385	245	61.1	38.9
Va.	5,071	1,116	2,327	1,628	22.0	45.9	32.1	2,203	2,868	43.4	56.6
Wash.	4,537	959	2,190	1,388	21.1	48.3	30.6	1,919	2,619	42.3	57.7
W. Va.	1,919	553	973	394	28.8	50.7	20.5	1,110	810	57.8	42.2
Wis.	5,821	1,189	2,832	1,800	20.4	48.7	30.9	2,037	3,784	35.0	65.0
Wyo.	657	188	251	218	28.6	38.2	33.2	330	327	50.2	49.8

X Not applicable.
[1] Before intergovernmental transfers.
[2] After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances in 1975–76*, series GF76, No. 5.

No. 484. State and Local Governments—General Revenue, by Source, by States: 1976

[Estimates subject to sampling variation; see source]

State	Revenue (mil. dol.)						Revenue per capita [1] (dollars)					
	Total	From Federal Government	From own sources				Total	From Federal Government	From own sources			
			Taxes			Charges and miscellaneous			Taxes			Charges and miscellaneous
			All taxes	Property tax	Other				All taxes	Property tax	Other	
U.S.	**256,176**	**55,589**	**156,813**	**57,002**	**99,811**	**43,774**	**1,193**	**259**	**731**	**266**	**465**	**204**
Ala.	3,359	943	1,669	210	1,459	748	916	257	455	57	398	204
Alaska	1,279	308	724	400	324	247	3,349	806	1,896	1,048	848	647
Ariz.	*2,591*	*489*	*1,660*	*641*	*1,019*	*442*	*1,141*	*215*	*731*	*282*	*449*	195
Ark.	1,876	581	957	213	744	339	890	275	454	101	353	161
Calif.	31,801	6,227	20,750	8,936	11,814	4,824	1,478	289	964	415	549	224
Colo.	3,270	727	1,880	701	1,179	663	1,266	281	728	271	457	257
Conn.	3,492	636	2,425	1,150	1,275	432	1,120	204	778	369	409	138
Del.	799	173	447	76	371	179	1,372	297	768	130	638	307
D.C.	1,602	813	649	147	502	141	2,283	1,157	924	210	715	201
Fla.	8,116	1,491	4,765	1,611	3,154	1,860	964	177	566	191	374	221
Ga.	5,031	1,244	2,727	884	1,843	1,060	1,012	250	549	178	371	213
Hawaii	1,428	393	829	154	675	206	1,610	443	935	174	761	232
Idaho	804	236	491	158	333	167	1,076	284	590	190	400	202
Ill.	13,032	2,594	8,640	3,189	5,451	1,798	1,161	231	769	284	485	160
Ind.	5,010	913	3,118	1,198	1,920	978	945	172	588	226	362	184
Iowa	3,318	678	2,011	797	1,214	629	1,156	236	701	278	423	219
Kans.	2,478	494	1,504	633	871	480	1,073	214	651	274	377	208
Ky.	3,366	898	1,881	359	1,522	587	982	262	549	105	445	171
La.	4,408	1,053	2,342	347	1,995	1,013	1,148	274	610	90	520	264
Maine	1,171	300	718	318	400	152	1,094	281	671	297	374	142
Md.	5,360	1,092	3,374	992	2,382	894	1,293	264	814	239	575	216
Mass.	*7,816*	*1,711*	*5,244*	*2,501*	*2,743*	*861*	*1,345*	*295*	*903*	*431*	*472*	*148*
Mich.	11,594	2,667	6,819	2,952	3,867	2,108	1,274	293	749	324	425	231
Minn.	5,401	1,115	3,262	1,008	2,254	1,024	1,362	281	823	254	568	258
Miss.	2,257	651	1,145	258	887	462	959	277	486	110	377	196
Mo.	4,459	1,026	2,724	931	1,793	709	933	215	570	195	375	148
Mont.	973	268	534	264	270	171	1,292	356	709	350	359	227
Nebr.	1,737	369	1,021	495	526	346	1,118	238	658	319	339	223
Nev.	859	169	500	166	334	189	1,408	277	820	272	548	311
N.H.	782	183	470	286	184	130	952	222	571	348	224	158
N.J.	8,617	1,568	5,816	3,275	2,541	1,233	1,175	214	793	446	346	168
N. Mex.	1,422	373	699	120	579	351	1,218	319	598	103	496	300
N.Y.	31,263	6,064	20,615	7,447	13,168	4,584	1,729	335	1,140	412	728	253
N.C.	4,877	1,180	2,884	712	2,172	814	892	216	527	130	397	149
N. Dak.	833	179	429	137	292	226	1,296	278	667	212	455	351
Ohio	10,347	1,988	6,262	2,391	3,871	2,096	968	186	586	224	362	196
Okla.	2,743	681	1,465	343	1,122	596	992	246	530	124	406	216
Oreg.	3,064	789	1,638	775	863	636	1,315	339	703	333	370	273
Pa.	12,735	2,975	8,113	2,083	6,030	1,647	1,074	251	684	176	508	139
R.I.	1,121	311	659	273	386	151	1,209	335	711	294	416	163
S.C.	*2,642*	*671*	*1,393*	*330*	*1,063*	*578*	*928*	*236*	*489*	*116*	*373*	*203*
S. Dak.	764	215	409	198	211	139	1,113	313	596	288	308	203
Tenn.	3,815	1,016	2,078	546	1,532	721	905	241	493	129	364	171
Texas	12,376	2,559	7,259	2,662	4,597	2,559	991	205	581	213	368	205
Utah	1,361	381	728	211	517	252	1,108	310	593	172	421	205
Vt.	630	190	353	147	206	86	1,324	400	742	308	434	182
Va.	5,071	1,116	3,066	869	2,197	889	1,008	222	609	173	437	177
Wash.	4,537	959	2,630	852	1,778	948	1,256	266	728	236	492	263
W. Va.	1,919	553	1,064	193	871	303	1,054	304	584	106	478	166
Wis.	5,821	1,189	3,644	1,330	2,314	988	1,263	258	791	289	502	214
Wyo.	657	188	330	137	193	139	1,689	482	847	352	495	356

[1] Based on estimated population as of July 1, 1976.

Source: U.S. Bureau of the Census, *Governmental Finances in 1975–76*, series GF76, No. 5.

No. 485. State and Local Governments—Direct General Expenditure, by States: 1976

STATE	EXPENDITURE (mil. dol.)						EXPENDITURE PER CAPITA [2] (dollars)					
	Total	Education	Highways	Public welfare	Health and hospitals	All other [1]	Total	Education	Highways	Public welfare	Health and hospitals	All other [1]
U.S.	255,551	97,216	23,907	31,435	20,686	82,307	1,191	453	111	146	96	383
Ala.	3,402	1,356	415	328	432	872	928	370	113	89	118	238
Alaska	1,176	372	190	49	42	523	3,079	974	498	128	110	1,368
Ariz.	2,611	1,190	267	105	184	865	1,150	524	118	46	81	381
Ark.	1,817	726	271	217	139	465	862	344	128	103	66	220
Calif.	30,734	11,442	1,672	4,604	2,305	10,712	1,428	532	78	214	107	498
Colo.	3,266	1,427	330	305	234	972	1,264	552	128	118	90	376
Conn.	3,403	1,249	262	409	193	1,291	1,092	401	84	131	62	414
Del.	800	330	82	69	38	281	1,375	566	140	119	66	484
D.C.	1,462	330	73	274	121	665	2,083	471	104	390	172	947
Fla.	8,475	3,163	749	486	920	3,157	1,006	376	89	58	109	375
Ga.	4,825	1,763	499	492	715	1,357	971	355	100	99	144	273
Hawaii	1,567	427	154	164	104	717	1,767	482	173	185	118	809
Idaho	913	342	148	75	69	278	1,099	412	178	90	84	335
Ill.	13,201	5,221	1,426	1,847	816	3,891	1,176	465	127	165	73	346
Ind.	4,805	2,192	554	429	466	1,165	906	413	104	81	88	220
Iowa	3,295	1,369	556	346	244	781	1,148	477	194	120	85	272
Kans.	2,516	998	360	254	239	665	1,089	432	156	110	103	288
Ky.	3,213	1,268	459	412	185	890	937	370	134	120	54	260
La.	4,277	1,479	642	407	375	1,374	1,113	385	167	106	98	358
Maine	1,083	405	139	153	49	337	1,012	379	130	143	46	314
Md.	5,580	2,142	510	513	376	2,040	1,346	517	123	124	91	492
Mass.	7,310	2,523	489	1,208	533	2,557	1,258	434	84	208	92	440
Mich.	11,904	4,791	907	1,892	942	3,372	1,308	526	100	208	103	370
Minn.	5,402	2,177	612	725	368	1,520	1,362	549	154	183	93	383
Miss.	2,264	855	385	208	245	571	962	363	163	89	104	243
Mo.	4,323	1,761	533	420	397	1,212	905	369	112	88	83	254
Mont.	949	407	154	65	54	269	1,260	540	204	87	71	357
Nebr.	1,643	676	252	131	145	439	1,058	436	162	84	93	282
Nev.	868	281	100	52	82	354	1,423	460	164	85	134	580
N.H.	855	321	133	102	48	253	1,041	390	162	124	58	307
N.J.	8,801	3,235	625	1,109	459	3,373	1,200	441	85	151	63	460
N. Mex.	1,304	579	170	96	104	354	1,116	496	146	83	89	303
N.Y.	31,383	9,340	1,512	5,083	3,215	12,234	1,735	516	84	281	178	677
N.C.	5,062	2,244	568	414	467	1,370	926	410	104	76	85	251
N. Dak.	758	305	140	50	27	236	1,179	475	217	78	42	367
Ohio	11,030	4,445	989	1,290	895	3,411	1,032	416	93	121	84	319
Okla.	2,631	1,054	296	337	226	717	951	381	107	122	82	259
Oreg.	3,155	1,279	312	310	166	1,089	1,355	549	134	133	71	468
Pa.	13,205	4,834	1,356	2,040	831	4,144	1,113	408	114	172	70	349
R.I.	1,113	402	59	194	81	377	1,201	434	64	209	87	407
S.C.	2,750	1,135	213	209	348	846	966	398	75	73	122	297
S. Dak.	778	310	144	69	38	217	1,134	452	211	101	55	316
Tenn.	3,940	1,486	540	383	413	1,119	935	353	128	91	98	265
Texas	11,983	5,338	1,180	1,082	1,067	3,315	960	427	95	87	85	265
Utah	1,373	700	157	103	86	328	1,118	570	127	84	70	267
Vt.	594	237	80	82	32	164	1,249	497	168	172	68	343
Va.	5,146	2,101	644	460	366	1,576	1,022	417	128	91	73	314
Wash.	4,379	1,861	424	401	238	1,456	1,212	515	117	111	66	403
W. Va.	1,902	687	398	172	125	520	1,044	377	218	94	69	286
Wis.	5,697	2,422	625	793	401	1,456	1,236	526	136	172	87	316
Wyo.	632	243	156	23	47	163	1,621	624	400	59	120	418

[1] Includes police protection, fire protection, natural resources, sanitation, local parks and recreation, financial administration, general control, and interest on general debt as well as miscellaneous lesser functions.
[2] Based on estimated resident population as of July 1, 1976.

Source: U.S. Bureau of the Census, *Governmental Finances in 1975–76*, series GF76, No. 5.

No. 486. State and Local Governments—Indebtedness and Debt Transactions: 1970 to 1976

[In billions of dollars, except per capita. Local government amounts are estimates subject to sampling variation; see source. See *Historical Statistics, Colonial Times to 1970*, series Y 680, Y 747, and Y 794, for debt outstanding]

Item	1970			1975			1976		
	Total	State	Local	Total	State	Local	Total	State	Local
Debt outstanding	143.6	42.0	101.6	221.3	72.1	149.1	240.1	84.4	155.7
Per capita [1] ... dol.	704	206	498	1,038	338	700	1,118	394	725
Long-term	131.4	38.9	92.5	201.5	67.5	133.9	221.3	78.4	142.9
Local schools	31.5	3.0	28.6	40.5	3.9	36.6	41.1	4.0	37.0
Local utilities	19.6	(x)	19.6	30.0	(x)	30.0	30.8	(x)	30.8
All other	80.3	35.9	44.4	131.0	63.7	67.3	149.5	74.3	75.1
Short-term	12.2	3.1	9.1	19.8	4.6	15.2	18.8	6.0	12.8
Net long-term debt outstanding	121.7	34.5	87.3	183.4	58.4	125.0	195.3	62.5	132.8
Long-term debt issued	12.8	3.9	8.9	21.1	8.4	12.7	31.7	13.9	17.8
Long-term debt retired	7.0	1.9	5.1	10.9	2.9	8.0	11.3	3.0	8.4

X Not applicable. [1] Based on estimated resident population as of July 1.

No. 487. State and Local Governments—Debt Outstanding, by States: 1970 and 1976

[As of end of fiscal year]

State	Total debt (mil. dol.)		Per capita [1] (dol.)		State	Total debt (mil. dol.)		Per capita [1] (dol.)		State	Total debt (mil. dol.)		Per capita [1] (dol.)	
	1970	1976	1970	1976		1970	1976	1970	1976		1970	1976	1970	1976
U.S.	[2] 143,570	240,086	704	1,118	Kans.	1,162	2,110	517	913	N. Dak.	224	353	362	549
					Ky.	2,630	4,089	817	1,193	Ohio	5,852	8,533	549	798
Ala.	2,529	3,000	734	819	La.	3,087	4,342	847	1,130	Okla.	1,621	2,297	633	830
Alaska	422	1,382	1,395	3,618	Maine	443	964	446	901	Oreg.	1,343	3,351	642	1,439
Ariz.	944	2,370	533	1,044	Md.	3,321	5,822	847	1,405	Pa.	9,065	15,624	769	1,317
Ark.	1,005	1,115	523	529	Mass.	4,158	8,760	731	1,508	R.I.	758	1,005	798	1,084
Calif.	15,850	20,384	794	947										
					Mich.	*5,163*	*8,768*	*582*	*963*	*S.C.*	*861*	*2,167*	*333*	*761*
Colo.	1,178	2,094	533	811	Minn.	2,618	4,784	688	1,207	S. Dak.	136	225	203	327
Conn.	3,427	4,991	1,130	1,601	Miss.	1,234	1,757	557	747	Tenn.	2,589	4,053	660	962
Del.	727	1,137	1,326	1,954	Mo.	2,269	2,806	485	587	Texas	7,025	12,096	627	969
D.C.	597	2,403	789	3,423	Mont.	237	465	342	617	Utah	597	654	564	532
Fla.	3,743	7,141	551	848	Nebr.	1,347	2,553	908	1,644					
Ga.	2,600	4,020	567	809						Vt.	312	582	701	1,223
					Nev.	362	673	740	1,103	Va.	2,239	3,924	482	780
Hawaii	783	1,639	1,017	1,848	N.H.	358	674	485	820	Wash.	4,321	6,008	1,268	1,663
Idaho	200	261	281	314	N.J.	5,016	9,005	700	1,228	W. Va.	851	1,763	488	968
Ill.	6,706	10,455	603	931	N. Mex.	424	779	417	667	Wis.	2,365	3,536	535	767
Ind.	[2] 2,077	2,803	400	529	N.Y.	23,805	46,037	1,305	2,546	Wyo.	229	460	688	1,179
Iowa	1,047	1,315	371	458	N.C.	1,741	2,559	342	468					

[1] Based on Bureau of the Census estimated resident population as of July 1, excluding Armed Forces abroad.
[2] Indiana figure includes adjustments not carried to U.S. total; therefore, breakdown will not add to total.

Source of tables 486 and 487: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

No. 488. New Issues of State and Local Government Securities: 1970 to 1977

[In millions of dollars]

Item	1970	1971	1972	1973	1974	1975	1976	1977
All issues, total [1]	18,166	24,963	23,653	23,969	24,315	30,607	35,313	46,769
General obligations	11,850	15,220	13,305	12,257	13,563	16,020	18,040	18,042
Revenue	6,082	8,681	9,332	10,632	10,212	14,511	17,140	28,655
U.S. Housing Assistance Admin. [2]	131	1,000	959	1,022	461	–	–	–
U.S. Government loans	103	62	57	58	79	76	133	72
Type of issuer:								
State	4,167	5,993	4,991	4,212	4,784	7,438	7,054	6,354
Special district and statutory authority	5,553	8,690	9,482	9,493	8,638	12,441	15,304	21,717
Municipalities, counties, townships, school districts	8,347	10,219	9,125	10,205	10,817	10,660	12,845	18,623
Issues for new capital, total	18,015	24,434	22,023	22,342	23,508	29,495	32,108	36,189

– Represents zero. [1] New capital and refunding. [2] Only bonds sold pursuant to 1949 Housing Act, which are secured by contract requiring the HAA to make annual contributions to the local authority.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest: 1972–1976*, and *Federal Reserve Bulletin*, monthly.

No. 489. State Governments—Revenue,

[In millions of dollars, except as indicated. For years ending June 30,

STATE	REVENUE									DEBT OUTSTANDING	
	Total [1]	General									
		Total			Intergovernmental revenue		Taxes [3]	Charges and miscellaneous		Total	Per capita [2] (dol.)
		Amount	Rank	Per capita [2] (dol.)	From Federal Government	From local governments					
U.S.	185,213	152,118	(x)	711	42,013	2,704	89,256	18,145		84,379	394
Ala.	2,827	2,343	22	639	775	14	1,243	311		979	267
Alaska	1,188	1,043	37	2,730	281	(z)	599	163		828	2,167
Ariz.	1,864	1,559	31	687	352	4	1,018	185		92	40
Ark.	1,492	1,321	34	627	475	4	725	117		130	61
Calif.	22,125	17,685	1	822	4,814	561	10,761	1,549		6,466	300
Colo.	2,168	1,871	27	724	573	9	964	324		126	49
Conn.	2,679	2,009	24	645	481	2	1,264	263		3,069	985
Del.	662	598	44	1,027	124	2	359	113		738	1,267
Fla.	5,179	4,405	9	523	1,030	28	2,936	412		1,740	207
Ga.	3,358	2,923	19	588	965	11	1,676	271		1,290	260
Hawaii	1,330	1,106	36	1,246	207	6	639	163		1,304	1,471
Idaho	711	599	43	721	195	4	329	72		39	47
Ill.	9,148	7,627	4	679	2,080	54	4,783	710		3,357	299
Ind.	3,494	3,117	16	588	726	10	1,916	466		600	113
Iowa	2,314	1,990	25	693	514	30	1,200	247		126	44
Kans.	1,645	1,459	33	632	398	11	854	197		408	177
Ky.	2,747	2,448	20	714	738	4	1,404	301		1,997	582
La.	3,498	3,092	17	805	816	12	1,656	608		1,458	380
Maine	1,051	891	40	833	255	8	531	98		535	500
Md.	3,590	3,169	15	765	756	35	1,960	419		2,517	607
Mass.	5,728	4,581	8	789	1,247	173	2,728	433		4,961	854
Mich.	8,804	6,581	6	723	1,920	54	3,769	838		1,883	207
Minn.	4,090	3,580	12	903	869	77	2,219	416		1,020	257
Miss.	1,837	1,593	30	677	535	10	874	174		775	329
Mo.	2,895	2,410	21	504	747	5	1,444	214		337	70
Mont.	737	595	45	790	231	6	278	80		85	113
Nebr.	1,007	931	39	600	288	19	489	134		64	41
Nev.	689	482	46	790	136	6	294	47		53	87
N.H.	589	416	50	507	145	9	184	79		304	370
N.J.	5,739	4,117	10	561	1,140	73	2,292	612		4,013	547
N. Mex.	1,245	1,119	35	958	280	15	575	248		187	160
N.Y.	21,022	17,254	2	954	4,563	1,092	9,780	1,819		20,451	1,131
N.C.	3,875	3,362	13	615	399	20	2,060	383		709	130
N. Dak.	650	601	42	935	152	11	287	151		70	109
Ohio	8,086	5,628	7	527	1,510	50	3,311	757		3,030	283
Okla.	2,032	1,864	28	674	533	16	1,000	315		948	343
Oreg.	2,323	1,765	29	758	614	3	826	322		2,002	859
Pa.	10,597	8,030	3	678	2,168	81	5,127	654		5,888	496
R.I.	1,007	747	41	806	234	2	389	122		509	549
S.C.	2,163	1,907	26	670	554	20	1,042	290		1,045	367
S. Dak.	496	457	47	666	177	4	192	83		92	134
Tenn.	2,643	2,301	23	546	770	15	1,273	243		951	226
Texas	7,943	7,284	5	583	1,954	27	4,214	1,088		2,082	167
Utah	1,118	945	38	770	330	11	475	130		152	124
Vt.	538	444	48	932	172	2	205	65		421	885
Va.	3,640	3,182	14	632	825	31	1,822	504		711	141
Wash.	3,976	2,959	18	819	730	38	1,848	342		1,227	340
W. Va.	1,772	1,460	32	802	487	(z)	829	144		1,175	645
Wis.	4,400	3,838	11	833	982	24	2,421	411		1,362	296
Wyo.	494	429	49	1,100	174	4	193	58		75	193

X Not applicable. Z Less than $500,000.

[1] Includes liquor stores and insurance trust activities, not shown separately.

DEBT, AND EXPENDITURES BY STATES: 1976

except as follows: Alabama, Sept. 30; New York, Mar. 31; and Texas, Aug. 31]

EXPENDITURE										
Total [1]	General									STATE
	Total			Education	Highways	Public welfare	Health and hospitals	Natural resources	All other	
	Amount	Rank	Per capita [2] (dol.)							
181,966	153,690	(X)	718	59,630	18,100	29,633	11,111	3,863	31,352	U.S.
2,845	2,395	22	653	1,157	346	320	210	62	300	Ala.
1,033	957	37	2,506	319	169	49	31	46	343	Alaska.
1,839	1,601	31	705	789	248	87	85	38	354	Ariz.
1,483	1,335	34	633	543	261	217	83	51	180	Ark.
20,534	17,063	2	793	6,402	1,159	4,490	867	540	3,605	Calif.
1,997	1,811	27	701	858	245	302	120	47	238	Colo.
2,651	2,003	26	643	634	191	394	168	20	597	Conn.
702	629	42	1,081	291	71	70	38	13	146	Del.
5,158	4,485	9	533	1,971	613	434	359	188	920	Fla.
3,324	2,858	18	575	1,229	384	481	247	99	417	Ga.
1,382	1,223	35	1,378	427	104	168	101	55	369	Hawaii.
708	622	43	749	232	117	71	31	44	129	Idaho.
9,477	7,934	4	707	2,925	1,142	2,012	524	153	1,179	Ill.
3,522	3,096	16	584	1,346	498	361	197	58	636	Ind.
2,346	2,076	24	723	900	409	316	129	60	263	Iowa.
1,570	1,441	33	624	613	240	245	113	47	183	Kans.
2,641	2,356	23	687	962	421	405	122	107	340	Ky.
3,413	3,088	17	804	1,158	555	405	244	86	640	La.
1,036	868	40	811	381	94	154	42	40	156	Maine.
3,861	3,448	14	832	1,265	416	531	301	75	858	Md.
5,532	4,437	10	764	1,262	343	1,293	325	35	1,179	Mass.
8,711	6,819	6	749	2,533	739	1,892	474	124	1,058	Mich.
3,840	3,481	13	878	1,674	381	549	199	88	590	Minn.
1,826	1,643	30	698	689	301	204	103	69	277	Miss.
2,850	2,401	21	502	977	424	424	191	64	320	Mo.
688	579	44	770	221	124	58	38	32	106	Mont.
983	904	39	582	312	166	121	81	41	183	Nebr.
590	471	47	772	194	78	40	23	16	115	Nev.
632	488	46	594	138	93	75	45	13	124	N.H.
5,853	4,510	8	615	1,360	357	1,059	301	136	1,296	N.J.
1,071	990	36	848	468	148	94	69	34	178	N. Mex.
21,027	17,719	1	980	5,343	781	4,256	1,626	166	5,548	N.Y.
4,166	3,719	12	680	1,832	504	389	306	104	583	N.C.
576	537	45	835	218	100	48	26	24	122	N. Dak.
7,738	5,887	7	551	2,306	696	1,110	419	96	1,261	Ohio.
1,969	1,768	29	639	755	257	334	124	48	248	Okla.
2,161	1,782	28	765	613	273	305	116	75	401	Oreg.
11,134	8,697	3	733	3,137	1,150	1,982	700	166	1,562	Pa.
980	762	41	822	243	40	202	80	11	187	R.I.
2,266	2,033	25	714	847	211	202	197	62	514	S.C.
492	470	48	686	153	102	67	31	25	92	S. Dak.
2,808	2,433	20	577	1,013	473	365	192	68	322	Tenn.
7,386	6,831	5	547	3,577	754	1,058	550	160	732	Texas.
1,072	950	38	774	492	134	97	56	38	128	Utah.
531	445	49	935	147	57	86	31	13	110	Vt.
3,552	3,150	15	626	1,320	570	425	299	74	462	Va.
3,639	2,852	19	790	1,434	301	419	157	118	423	Wash.
1,726	1,450	32	796	507	381	171	84	49	257	W. Va.
4,190	3,777	11	819	1,339	327	770	241	64	1,035	Wis.
454	415	50	1,064	122	152	21	17	21	82	Wyo.

[2] Based on estimated resident population as of July 1. [3] For details, see table 490.

Source: U.S. Bureau of the Census, *State Government Finances in 1976*, series GF76, No. 3.

No. 490. State Governments—Summary of Finances: 1960 to 1976

[In millions of dollars, except per capita. See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

Item	1960	1965	1970	1973	1974	1975	1976 Total	1976 Per capita [1]
Borrowing and revenue	**35,149**	**51,784**	**93,463**	**137,212**	**148,774**	**164,295**	**201,018**	**$940**
Borrowing	2,312	2,957	4,524	7,404	7,959	9,663	15,805	74
Revenue	32,838	48,827	88,939	129,808	140,815	154,632	185,213	866
General revenue	27,363	40,930	77,755	113,132	122,327	134,611	152,118	711
Taxes	18,036	26,126	47,961	68,069	74,207	80,155	89,256	417
Sales and gross receipts	10,510	15,059	27,254	37,123	40,556	43,346	47,391	222
General	4,302	6,711	14,177	19,793	22,612	24,780	27,333	128
Motor fuels	3,335	4,300	6,283	8,058	8,207	8,255	8,660	40
Alcoholic beverages	650	917	1,420	1,817	1,909	1,963	2,057	10
Tobacco products	923	1,284	2,308	3,112	3,260	3,286	3,462	16
Other	1,300	1,847	3,065	4,342	4,578	5,061	5,878	28
Licenses	2,495	3,218	4,615	5,753	6,055	6,289	6,899	32
Motor vehicles	1,468	1,869	2,728	3,386	3,477	3,655	4,046	19
Corporations in general	426	528	764	970	1,052	1,041	1,135	5
Other	602	819	1,123	1,396	1,522	1,597	1,719	8
Individual income	2,209	3,657	9,183	15,587	17,078	18,819	21,448	100
Corporation net income	1,180	1,929	3,738	5,425	6,015	6,642	7,273	34
Property	607	766	1,092	1,312	1,301	1,451	2,118	10
Other	1,034	1,496	2,081	2,868	3,202	3,607	4,127	19
Intergovernmental revenue	6,745	10,320	20,248	32,700	33,170	37,827	44,717	209
From Federal Government	6,382	9,874	19,252	31,361	31,632	36,148	42,013	196
Public welfare	2,048	3,133	7,818	13,653	13,320	14,247	16,867	79
Education	727	1,393	4,554	6,430	6,720	7,879	8,661	40
Highways	2,883	3,987	4,431	4,648	4,503	5,260	6,262	29
Other	725	1,359	2,450	6,628	7,089	8,761	10,222	48
From local governments	363	447	995	1,339	1,538	1,680	2,704	13
Charges and misc. general revenue	2,583	4,483	9,545	12,363	14,950	16,629	18,145	85
Liquor stores revenue	1,128	1,270	1,748	1,985	2,049	2,129	2,196	10
Insurance trust revenue	4,347	6,627	9,437	14,690	16,439	17,892	30,900	144
Debt outstanding, fiscal year end	**18,543**	**27,034**	**42,008**	**59,071**	**65,296**	**72,127**	**84,379**	**394**
Long-term	18,128	26,235	38,903	55,397	61,697	67,548	78,368	366
Full faith and credit	8,912	11,819	17,736	28,139	30,855	33,736	38,421	180
Nonguaranteed	9,216	14,415	21,167	27,258	30,842	33,812	39,947	187
Short-term	415	800	3,104	3,674	3,599	4,579	6,011	28
Net long-term	15,595	22,504	34,478	49,021	53,847	58,388	62,488	292
Full faith and credit only	6,711	9,094	14,832	24,737	26,967	29,503	33,708	158
Expenditure and debt redemption	**32,496**	**46,769**	**87,151**	**121,930**	**134,948**	**159,093**	**185,551**	**867**
Debt redemption	900	1,130	2,096	3,094	2,814	2,922	3,585	17
Expenditure	31,596	45,639	85,055	118,836	132,134	156,171	181,966	850
General expenditure [2]	27,228	40,446	77,642	108,086	119,891	138,304	153,690	718
Public welfare	3,704	5,434	13,206	21,678	22,538	25,559	29,633	139
Education	8,857	14,532	30,865	41,599	46,860	54,012	59,630	279
Highways	7,317	9,844	13,483	15,025	15,847	17,483	18,100	85
Health and hospitals	2,072	2,943	5,355	7,350	8,443	10,158	11,110	52
State hospitals	1,618	2,254	3,941	5,274	5,957	6,891	7,572	35
Other hospitals and health	454	689	1,415	2,076	2,485	3,267	3,538	17
Housing and urban renewal	33	80	120	430	545	632	465	2
Natural resources	862	1,381	2,223	2,725	3,053	3,554	3,863	18
Correction	433	652	1,104	1,553	1,812	2,203	2,480	12
Police protection	251	352	741	1,118	1,262	1,423	1,569	7
Social insurance administration	313	457	767	1,277	1,304	1,509	1,570	7
Financial administration	447	609	1,032	1,393	1,594	1,792	1,955	9
General control	216	350	717	1,112	1,273	1,496	1,688	8
Miscellaneous and unallocable	2,722	3,810	8,029	12,828	15,361	18,483	21,626	100
Liquor stores expenditure	907	1,022	1,404	1,583	1,653	1,719	1,781	8
Insurance trust expenditure	3,461	4,170	6,010	9,167	10,590	16,149	26,495	124
Expenditure by character and object:								
Intergovernmental expenditure	9,433	14,174	28,892	40,822	45,941	51,978	57,858	270
Direct expenditure	22,152	31,465	56,163	78,013	86,193	104,193	124,108	580
Current operation	9,534	14,930	30,971	44,838	50,803	60,793	68,175	319
Capital outlay	6,607	9,307	13,295	14,677	15,417	17,307	18,009	84
Construction	5,509	7,600	11,185	12,327	12,655	14,443	15,285	71
Land and existing structures	802	1,176	1,240	1,322	1,540	1,475	1,274	6
Equipment	296	531	870	1,028	1,222	1,389	1,450	7
Assistance and subsidies	2,015	2,236	4,387	6,897	6,521	6,673	7,290	34
Interest on debt	536	822	1,490	2,434	2,863	3,272	4,140	19
Insurance benefits and repayments	3,461	4,170	6,010	9,167	10,590	16,149	26,495	124

[1] Based on estimated resident population as of July 1, 1976. [2] Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1972*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *State Government Finances*, series GF No. 3, annual.

No. 491. State Government Tax Collections and Excise Taxes, by Type of Tax—States: 1977

[Collections include local shares of State-imposed taxes. Excise taxes as of September 1]

State	State tax collections [1] (mil. dol.)								Excise taxes		
	Total [2]	Sales and gross receipts									
		Total [2]	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products	Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent)	Cigarettes (cents per package)	Motor fuels (cents per gal., gasoline)
U.S.[3]	101,026	52,351	30,870	9,087	5,635	25,453	9,187	4,582	(x)	(x)	(x)
Percent of total	100.0	51.8	30.6	9.0	5.6	25.2	9.1	4.5	(x)	(x)	(x)
Ala	1,404	909	455	165	121	262	76	40	[4] 4	12	7
Alaska	774	66	(x)	21	13	210	36	12	(x)	8	8
Ariz	1,160	711	503	112	53	191	52	52	[4] 4	13	8
Ark	803	491	274	119	64	164	67	45	[4] 3	17.75	8.5
Calif	12,589	6,005	4,314	811	399	3,621	1,642	359	[4] 4.75	10	7
Colo	1,077	550	360	102	53	339	81	44	[4] 3	15	7
Conn	1,457	1,053	583	159	99	59	202	73	7	21	11
D.C	739	260	141	23	23	201	56	22	5	13	10
Del	391	69	(x)	30	17	168	29	21	(x)	14	11
Fla	3,275	2,415	1,399	384	373	(x)	194	295	4	21	8
Ga	1,907	1,135	687	245	151	496	171	50	[4] 3	12	7.5
Hawaii	686	445	341	33	27	203	28	[5] (z)	4	([6])	[7] 8.5
Idaho	368	176	104	45	15	112	31	26	3	9.1	9.5
Ill	5,320	3,015	1,842	406	253	1,413	384	353	[4] 4	12	7.5
Ind	2,163	1,432	1,046	263	80	479	86	91	4	10.5	8
Iowa	1,293	572	347	133	61	447	92	122	3	13	7
Kans	969	521	327	119	49	209	123	62	[4] 3	11	8
Ky	1,560	838	464	184	37	338	131	46	[4] 5	3	9
La	1,715	851	482	173	102	134	95	40	3	11	8
Maine	468	296	170	55	49	75	35	24	5	16	9
Md	2,128	989	466	189	83	807	115	82	5	10	9
Mass	2,934	1,175	442	214	220	1,192	397	65	5	21	8.5
Mich	4,791	2,147	1,389	430	220	1,426	803	195	4	11	9
Minn	2,486	983	467	197	134	957	258	111	4	18	9
Miss	969	701	475	139	59	132	46	24	5	11	9
Mo	1,598	929	596	205	83	390	106	100	[4] 3.125	9	7
Mont	312	83	(x)	44	21	112	25	14	(x)	12	8
Nebr	610	343	199	88	33	171	42	36	[4] 3	13	9.5
Nev	329	257	116	30	22	(x)	(x)	18	[4] [8] 3	10	6
N.H	200	114	(x)	40	31	7	33	21	(x)	12	10
N.J	3,104	1,577	913	293	223	710	333	206	5	19	8
N. Mex	598	376	257	65	20	26	29	31	[4] 4	12	7
N.Y	10,743	3,963	2,218	512	484	4,527	1,295	304	[4] 4	15	8
N.C	2,385	1,129	512	290	107	782	204	111	[4] 3	2	9
N. Dak	296	165	110	30	15	55	22	25	3	11	8
Ohio	3,571	2,133	1,135	393	269	615	315	192	[4] 4	15	7
Okla	1,139	493	205	124	86	217	71	104	[4] 2	13	6.58
Oreg	973	159	(x)	91	38	562	91	87	(x)	9	7
Pa	5,591	2,805	1,525	499	354	1,178	666	304	6	18	9
R.I	439	255	142	41	32	104	41	19	6	18	10
S.C	1,188	711	415	140	98	290	107	32	4	7	9
S. Dak	200	174	101	36	16	(x)	3	12	[4] 4	12	8
Tenn	1,530	1,130	734	193	110	22	156	95	[4] 4.5	13	7
Tex	4,749	3,181	1,696	444	439	(x)	(x)	266	[4] 4	18.5	5
Utah	531	307	227	55	13	158	25	17	[4] 4	8	7
Vt	230	113	32	23	22	70	17	18	3	12	9
Va	2,055	979	427	265	82	714	159	96	[4] 3	2.5	9
Wash	2,100	1,590	1,173	180	128	(x)	(x)	78	[4] 4.6	16	11
W. Va	904	654	439	79	49	165	23	37	3	12	8.5
Wis	2,733	1,053	668	171	123	1,144	252	99	[4] 4	16	7
Wyo	233	133	95	27	6	(x)	(x)	31	[4] 3	8	8

X Not applicable. Z Less than $500,000. [1] Preliminary. [2] Includes amounts for types of taxes not shown separately. [3] Excludes District of Columbia. [4] Excludes State-collected supplemental local sales taxes imposed by local governments under State enabling legislation, as well as locally administered taxes. [5] Motor vehicle licenses only. [6] 40 percent of wholesale price. [7] State rate per gallon in Hawaii County, 11.5 cents. Combined State and local rates per gallon, in cents: Honolulu, 12; Kauai, 12.5; and Maui, 13.5. [8] Includes a mandatory State-imposed 1 percent county sales tax.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1977*, series GF77, No. 1.

No. 492. State Government Individual Income Taxes: 1977

[As of January 1. Only basic rates, brackets, and exemptions are shown. Taxable income rates and brackets apply to single individuals only; other schedules are used for married taxpayers filing separately or jointly or for heads of households in Alaska, California, Georgia, Hawaii, New Mexico, Oklahoma, Utah, and West Virginia. No income tax is levied in Florida, Nevada, South Dakota, Texas, Washington, and Wyoming]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS [1]			SIZE OF STANDARD DEDUCTIONS			Federal income tax deductible
		Lowest: amount under—	Highest: amount over—	Single	Married—joint return	Dependents	Percent	Single	Married—joint return	
Ala	1.5–5.0	$1,000	$5,000	$1,500	$3,000	$300	10	$1,000	$1,000	Yes
Alaska	3.0–14.5	2,000	200,000	750	1,500	750	(X)	2,200	3,200	No
Ariz	2.0–8.0	1,000	6,000	1,000	2,000	600	10	500	1,000	Yes
Ark	1.0–7.0	3,000	25,000	[2] 17.50	[2] 35	[2] 6	10	1,000	1,000	No
Calif	1.0–11.0	2,000	15,500	[2] 25	[2] 50	[2] 8	(X)	1,000	2,000	No
Colo	[3] 3.0–8.0	1,000	10,000	750	1,500	750	10	1,000	1,000	Yes
Conn	[4] 1.0–9.0	(5)	100,000	100	200	(X)	(X)	(X)	(X)	No
D.C	2.0–11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
Del	1.6–19.8	1,000	100,000	600	1,200	600	10	1,000	1,000	[6] Yes
Ga	1.0–6.0	750	7,000	1,500	3,000	700	15	2,000	2,000	No
Hawaii	2.25–11.0	500	30,000	750	1,500	750	10	1,000	1,000	No
Idaho	2.0–7.5	1,000	5,000	750	1,500	750	(X)	2,200	3,200	No
Ill	2.5	Flat rate		1,000	2,000	1,000	(X)	(X)	(X)	No
Ind	2.0	Flat rate		1,000	(7)	500	(X)	(X)	(X)	No
Iowa	.5–13.0	1,000	75,000	[2] 15	[2] 30	[2] 10	10	1,000	1,000	Yes
Kans	2.0–9.0	2,000	25,000	750	1,500	750	16	2,400	2,800	[6] Yes
Ky	2.0–6.0	3,000	8,000	[2] 20	[2] 40	[2] 20	(X)	650	650	[6] Yes
La	2.0–6.0	10,000	50,000	[8] 2,500	[8] 5,000	[8] 400	(8)	(8)	(8)	Yes
Maine	1.0–10.0	2,000	25,000	1,000	2,000	1,000	16	2,400	2,800	No
Md	2.0–5.0	1,000	3,000	800	1,600	800	10	500	[9] 1,000	No
Mass	[10] 5.0	Flat rate		2,000	2,600	600	(X)	(X)	(X)	No
Mich	4.6	Flat rate		1,500	3,000	1,500	(X)	(X)	(X)	No
Minn	[11] 1.6–15.0	500	20,000	[2] 21	[2] 42	[2] 21	10	1,000	1,000	Yes
Miss	3.0–4.0	5,000	5,000	4,500	6,500	750	15	750	[12] 1,500	No
Mo	1.5–6.0	1,000	9,000	1,200	2,400	400	(X)	2,200	3,200	Yes
Mont	[13] 2.0–11.0	1,000	35,000	650	1,300	650	10	500	1,000	Yes
Nebr	(14)	Flat rate		(14)	(14)	(14)	(14)	(14)	(14)	No
N.H	[15] 5.0	Flat rate		600	(16)	(X)	(X)	(X)	(X)	No
N.J. [17]	2.0–2.5	20,000	20,000	1,000	2,000	1,000	(X)	(X)	(X)	No
N. Mex	.9–9.0	500	100,000	750	1,500	750	(X)	2,200	3,200	No
N.Y	[18] 2.0–15.0	1,000	25,000	650	1,300	650	15	2,000	2,000	No
N.C	3.0–7.0	2,000	10,000	1,000	(19)	600	10	500	(19)	No
N. Dak	[20] 1.0–10.0	1,000	8,000	750	1,800	750	16	2,400	2,800	Yes
Ohio	.5–3.5	5,000	40,000	650	1,300	650	(X)	(X)	(X)	No
Okla	.5–6.0	1,000	7,500	750	1,500	750	15	2,000	2,000	[5] Yes
Oreg	4.0–10.0	500	5,000	750	1,500	750	13	1,500	1,500	[6] Yes
Pa	[21] 2.0	Flat rate		(X)	(X)	(X)	(X)	(X)	(X)	No
R.I	(14)	Flat rate		(14)	(14)	(14)	(14)	(14)	(14)	No
S.C	2.0–7.0	2,000	10,000	800	1,600	800	10	500	1,000	[6] Yes
Tenn	[15] 6.0	Flat rate		(X)	(X)	(X)	(X)	(X)	(X)	No
Utah	2.25–7.75	750	4,500	750	1,500	750	15	2,000	2,000	Yes
Vt	(14)	Flat rate		(14)	(14)	(14)	(14)	(14)	(14)	No
Va	2.0–5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
W. Va	2.1–9.6	2,000	200,000	600	1,200	600	10	1,000	1,000	No
Wis	3.1–11.4	1,000	14,000	[2] 20	[2] 40	[2] 20	15	2,000	2,000	No

X Not applicable. [1] Many States also commonly allow other types of exemptions, such as physical or mental disability exemptions, and tax credits for items such as specified contributions or taxes paid to other jurisdictions. [2] Tax credit. [3] Effective minimum rate is 2.5% due to application of a tax reduction credit. [4] Tax on capital gains and dividends applicable to taxpayers (individual or joint) with a Federal adjusted gross income in excess of $20,000. [5] $20,000 to $21,999. [6] Subject to specified limitations. [7] Minimum exemption is $1,000; maximum exemption is $2,000. [8] All exemptions and deductions are incorporated into tax tables which must be used when filing State tax returns. [9] Incomes of husbands and wives filing joint returns are treated separately for purposes of taking the standard deduction; therefore, minimum deduction is $500 and maximum deduction is $1,000. [10] Data apply to tax on earned income and annuities; 10% (flat rate) imposed on net capital gains, interest, and dividends. Only income in excess of $3,000 for single taxpayers and $5,000 for married taxpayers filing jointly is taxable. A 7.5% surtax on tax liability is additional. [11] No tax is due at specified minimum levels of income because an allowance is made for a tax credit equal to tax liability. [12] Incomes of husbands and wives filing joint returns are treated separately for purposes of taking the standard deduction; therefore, minimum deduction is $750 and maximum deduction is $1,500. [13] 10% surtax on tax liability is additional. [14] Based on Federal income tax liability as follows: Nebraska, 18%; Rhode Island, 17%; Vermont, 25% plus 9% surtax. Since State tax is computed as a percentage of the Federal tax liability, in effect the Federal standard deduction and exemptions are adopted. As of January 1, 1977, the Federal standards comparable to the ones presented in this table were: Personal exemptions, single-$750, married filing joint return-$1,500, dependents-$750; standard deduction, percent-zero, single $2,200, married filing joint return-$3,200. [15] Tax on interest and dividends. [16] Each spouse having taxable income is eligible for $600 deduction; maximum exemption is, therefore, $1,200. [17] Data apply to recently adopted personal income tax applicable July 1, 1976. Provisions vary for New York, Pennsylvania, and Delaware commuter taxes. [18] No tax is due if adjusted gross income is below $2,500 for single taxpayers and $5,000 for married taxpayers filing jointly. [19] Joint returns are inapplicable; however, a husband and wife may elect to file separate returns on a combined form. [20] Plus a 1% tax on net income in excess of $2,000 of taxpayers who derive income from the operation of a business, trade, or profession other than as an employee. A 2% surtax on tax liability is additional. [21] Refunds or forgiveness of tax due are based on specified poverty income levels.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1977*, series GF77, No. 1.

No. 493. Number of Local Governments, by Taxing Power and Type, and Public School Systems—States: 1972 and 1977

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

State	1972			1977								
	All types of local governments			All types of local governments		Local governments other than school districts					School districts	Public school systems [2]
	Total	With property-taxing power	Excluding school districts	Total	With property-taxing power	Total	Counties [1]	Municipalities	Townships	Special districts		
U.S.	78,218	65,914	62,437	79,862	67,780	64,688	3,042	18,862	16,822	25,962	15,174	16,548
Ala.	875	589	749	949	613	822	67	419	–	336	127	127
Alaska	120	120	120	150	150	150	8	142	–	–	–	32
Ariz.	406	377	169	420	418	190	14	70	–	106	230	237
Ark.	1,283	917	895	1,346	923	966	75	467	–	424	380	380
Calif.	3,819	3,498	2,687	3,806	3,595	2,697	57	413	–	2,227	1,109	1,110
Colo.	1,319	1,168	1,132	1,459	1,394	1,274	62	262	–	950	185	185
Conn.	428	340	414	434	359	418	–	33	149	236	16	165
Del.	158	82	133	210	85	185	3	55	–	127	25	26
D.C.	3	1	3	2	1	2	–	1	–	1	–	2
Fla.	865	674	771	911	686	816	66	389	–	361	95	95
Ga.	1,243	884	1,054	1,263	876	1,075	158	530	–	387	188	188
Hawaii	19	4	19	19	4	19	3	1	–	15	–	1
Idaho	901	730	784	972	792	855	44	199	–	612	117	117
Ill.	6,385	5,337	5,208	6,620	5,522	5,557	102	1,274	1,436	2,745	1,063	1,063
Ind.	2,792	2,206	2,477	2,854	2,216	2,547	91	563	1,008	885	307	307
Iowa	1,818	1,605	1,355	1,852	1,738	1,388	99	955	–	334	464	464
Kans.	3,715	3,355	3,384	3,725	3,365	3,398	105	625	1,449	1,219	327	327
Ky.	1,135	806	944	1,183	975	1,002	119	405	–	478	181	181
La.	834	710	768	458	456	392	62	300	–	30	66	66
Maine	714	601	636	779	610	693	16	24	475	178	86	256
Md.	403	196	403	426	194	426	23	151	–	252	–	40
Mass.	682	482	631	766	512	691	12	39	312	328	75	389
Mich.	2,649	2,523	2,002	2,633	2,489	2,027	83	531	1,245	168	606	606
Minn.	3,395	3,262	2,950	3,437	3,431	2,997	87	855	1,792	263	440	440
Miss.	796	605	634	835	681	669	82	283	–	304	166	166
Mo.	2,807	2,145	2,171	2,937	2,317	2,363	114	916	326	1,007	574	574
Mont.	992	858	440	958	818	493	56	126	–	311	465	465
Nebr.	3,561	3,265	2,187	3,485	3,248	2,290	93	534	471	1,192	1,195	1,195
Nev.	184	102	167	182	117	165	16	17	–	132	17	17
N. H.	499	461	341	506	478	347	10	13	221	103	159	168
N.J.	1,456	1,238	929	1,517	1,254	968	21	335	232	380	549	615
N. Mex.	309	243	220	313	285	225	32	93	–	100	88	88
N.Y.	3,306	3,297	2,560	3,309	3,296	2,569	57	618	930	964	740	773
N.C.	802	590	802	874	644	874	100	472	–	302	–	200
N. Dak.	2,726	2,617	2,340	2,707	2,608	2,361	53	361	1,360	587	346	346
Ohio	3,259	3,098	2,619	3,285	3,116	2,654	88	935	1,319	312	631	632
Okla.	1,683	1,287	1,026	1,675	1,284	1,050	77	567	–	406	625	625
Oreg.	1,446	1,136	1,093	1,447	1,200	1,072	36	239	–	797	375	375
Pa.	4,935	3,159	4,407	5,246	3,282	4,665	66	1,015	1,549	2,035	581	581
R.I.	115	90	112	120	90	117	–	8	31	78	3	40
S.C.	583	477	490	585	507	492	46	264	–	182	93	93
S. Dak.	1,770	1,667	1,542	1,727	1,632	1,533	64	311	1,010	148	194	194
Tenn.	881	432	867	905	447	891	94	326	–	471	14	147
Tex.	3,624	3,005	2,450	3,883	3,248	2,745	254	1,066	–	1,425	1,138	1,138
Utah	459	389	419	492	422	452	29	216	–	207	40	40
Vt.	658	632	386	647	623	375	14	57	237	67	272	272
Va.	385	328	385	389	324	389	95	229	–	65	–	136
Wash.	1,682	1,390	1,365	1,666	1,453	1,364	39	265	–	1,060	302	302
W. Va.	508	337	453	595	338	540	55	227	–	258	55	55
Wis.	2,448	2,331	2,031	2,518	2,379	2,108	72	576	1,270	190	410	452
Wyo.	383	268	313	385	285	330	23	90	–	217	55	55

– Represents zero.

[1] Excluding areas corresponding to counties but having no organized county government.

[2] Includes 1,374 *other local public school systems operated as part of a State, county, municipal, or township* government and excluded from independent school-district figure and from "All types of local governments."

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 1, *Governmental Organization*.

No. 494. County, Municipal, and Township Governments, 1977, and Their Estimated Population, 1975, by Population-Size Groups

[Number of governments as of January 1977; population estimates as of July 1, 1975. Township governments include "towns" in the 6 New England States, New York, and Wisconsin]

Population-size group	Counties			Municipalities			Townships		
	Number, 1977	Population, 1975		Number, 1977	Population, 1975		Number, 1977	Population, 1975	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total	3,042	189,691	100.0	18,862	136,761	100.0	16,822	48,344	100.0
250,000 or more	137	92,392	48.7	58	41,638	30.4	31	5,740	11.9
100,000-249,999	206	32,085	16.9	105	14,896	10.9			
50,000-99,999	336	23,503	12.4	230	16,091	11.8	72	4,799	9.9
25,000-49,999	596	20,976	11.0	514	17,939	13.1	190	6,479	13.4
10,000-24,999	980	16,079	8.5	1,212	19,002	13.9	660	10,185	21.1
5,000-9,999	496	3,758	2.0	1,461	10,299	7.5	870	6,081	12.6
2,500-4,999	291	897	.4	2,004	7,040	5.1	1,595	5,505	11.4
1,000-2,499				3,664	5,872	4.3	3,657	5,808	12.0
Less than 1,000				9,614	3,985	2.9	9,747	3,747	7.8

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 1, *Governmental Organization*.

No. 495. County Governments—Summary of Finances, 1973 to 1976, and Per Capita, by Population-Size Group: 1976

[Based on population estimates as of July 1, 1975. Covers fiscal years ending between July 1 of preceding year and June 30 of year stated]

Item	All counties (mil. dol.)				Per capita (dollars), 1976					
					All counties		Counties[1] with 1975 population (1,000) of—			
	1973	1974	1975	1976	Total	Percent distribution	Less than 100 (2,700)[1]	100-199.9 (163)[1]	200-299.9 (72)[1]	300 or more (109)[1]
General revenue	26,880	30,246	32,893	36,942	188.14	100.0	153.41	165.73	183.75	224.34
Intergovernmental revenue[2]	11,736	13,799	14,755	16,677	84.93	45.1	71.85	76.71	86.81	97.77
From State govt	9,910	11,023	11,842	13,156	67.00	35.6	(NA)	(NA)	(NA)	(NA)
General rev. sharing	1,053	1,722	1,595	1,612	8.21	4.4	9.14	6.90	7.43	7.93
Tax rev. from own sources	11,066	11,662	12,660	14,130	71.96	38.2	50.78	60.17	65.66	94.31
Property	9,287	9,573	10,316	11,582	58.99	31.4	43.10	47.91	54.63	76.26
Charges and misc	4,079	4,784	5,478	6,135	31.24	16.6	30.78	28.85	31.28	32.26
General expenditure	26,141	28,879	32,744	37,478	190.87	100.0	153.23	165.28	192.30	229.14
Capital outlay	3,217	3,862	4,850	5,236	26.67	14.0	24.50	27.67	22.50	29.11
Other	22,924	25,017	27,894	32,241	164.20	86.0	128.67	137.69	169.80	200.05
Public welfare	6,232	6,342	6,169	7,079	36.05	18.9	16.08	28.71	44.84	53.04
Education	4,242	4,757	5,643	5,996	30.54	16.0	35.22	31.05	32.01	26.13
Highways	2,766	3,118	3,458	3,733	19.01	10.0	27.74	18.52	14.01	12.80
Hospitals	2,755	2,899	3,337	3,860	19.66	10.3	17.10	11.09	14.12	25.23
General control	1,518	1,706	1,986	2,282	11.62	6.1	7.89	10.95	12.04	14.87
Police protection	1,067	1,210	1,450	1,721	8.76	4.6	6.08	7.80	7.43	11.57
Financial administration	703	765	883	980	4.99	2.6	4.42	5.09	5.29	5.38
General public buildings	583	650	824	960	4.89	2.6	4.37	4.37	5.12	5.42
Health	904	1,128	1,428	1,684	8.58	4.5	4.71	8.92	11.03	11.24
Correction	698	818	980	1,110	5.65	3.0	2.29	3.56	5.40	9.10
Natural resources	387	429	510	664	3.38	1.8	2.05	1.89	1.74	5.24
Parks and recreation	516	609	741	820	4.10	2.1	1.28	2.93	3.43	7.11
Interest on general debt	613	695	795	896	4.56	2.4	2.93	4.69	5.51	5.72
Other and unallocable	3,157	3,752	4,541	5,692	28.99	15.2	16.60	30.51	32.29	38.39
Debt outstanding, end of year	15,635	17,486	18,935	20,372	103.75	100.0	62.40	116.06	118.60	132.00
Long-term	14,549	16,353	17,617	19,028	96.91	93.4	(NA)	(NA)	(NA)	(NA)
Short-term	1,086	1,133	1,318	1,343	6.84	6.6	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Figures in parentheses represent number of counties.
[2] Includes other Federal intergovernmental revenue not shown separately.
Source: U.S. Bureau of the Census, *County Government Finances in 1975-76*, series GF76, No. 8.

No. 496. State and Local Governments—Assessed Value of Property and Revenue from Property Taxes: 1966 to 1976

ITEM	1966	1971	1972	1973	1974	1975	1976
Gross assessed property ..... bil. dol.	499.0	717.8	(NA)	872.6	(NA)	1,096.3	1,230.0
State assessed ..... bil. dol.	41.6	53.5	(NA)	59.4	(NA)	74.8	84.8
Locally assessed ..... bil. dol.	457.4	664.2	(NA)	813.2	(NA)	1,021.5	1,145.3
Real property ..... bil. dol.	393.2	573.9	(NA)	704.6	(NA)	881.6	992.5
Percent of locally assessed	86.0	86.4	(NA)	86.6	(NA)	86.3	86.7
Net assessed value of locally taxable property [1] ..... bil. dol.	484.1	694.6	(NA)	845.0	(NA)	1,062.9	1,189.4
Percent of gross assessed	97.0	96.8	(NA)	96.8	(NA)	97.0	96.8
REVENUE FROM PROPERTY TAXES							
Total revenue, State and local ..... bil. dol.	24.7	37.9	42.1	45.3	47.8	51.5	57.0
Percent of general revenue	29.7	26.1	25.3	23.8	23.0	22.6	22.3
Percent of tax revenue	43.6	39.9	38.7	37.4	36.5	36.4	36.3
Revenue, State governments ..... bil. dol.	.8	1.1	1.3	1.3	1.3	1.5	2.1
Annual average percent change from prior year shown	[2] 8.9	6.2	11.6	4.5	(−z)	11.4	46.0
Percent of all revenue	1.5	1.1	1.1	1.0	.9	.9	1.1
Percent of tax revenue	2.8	2.2	2.1	1.9	1.8	1.8	2.4
Revenue, local governments ..... bil. dol.	23.8	36.7	40.9	44.0	46.5	50.0	54.9
Annual average percent change from prior year shown	[2] 9.3	9.0	11.3	7.6	5.6	7.7	9.7
Percent of all revenue	40.2	36.4	36.1	34.1	32.4	32.2	30.8
Percent of tax revenue	87.1	84.6	83.5	82.9	82.2	81.6	81.2

NA Not available. Z Less than .05 percent. [1] Assessed value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. [2] Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972*, and *1977*, vol. 2; *Property Values Subject to Local General Property Taxation in the United States: 1973* and *1975*, series GSS Nos. 69 and 80; and *Governmental Finances*, series GF 76, No. 5, annual.

No. 497. Gross Assessed Value of Property Subject to Local General Property Taxation—States: 1976

[**In billions of dollars, except percent.** Excludes value of totally exempt property. U.S. figures excluding partially exempt property amounted to a net value of $1,190 million in 1976. Excluded from property tax base were: (1) Property owned by nonprofit and other qualifying groups or institutions (used for government, religion, nonprofit medical care, and education); (2) new industrial plants exempt for stated periods of time as inducement to new industry; and (3) property exempted by specific legislative action]

STATE	Total gross assessed property	Total locally assessed	STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX			STATE	Total gross assessed property	Total locally assessed	STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX		
			Total	Percent of— General revenue	Percent of— Tax revenue				Total	Percent of— General revenue	Percent of— Tax revenue
U.S.	1,230.0	1,145.3	57.0	22.3	36.4	Mo.	14.3	12.7	.9	20.9	34.2
						Mont.[2]	1.4	1.0	.3	27.1	49.4
Ala.	6.1	4.9	.2	6.3	12.6	Nebr.	7.0	6.9	.5	28.5	48.5
Alaska	9.2	6.4	.4	31.3	55.2	Nev.	3.6	3.0	.2	19.3	33.2
Ariz.	6.7	4.3	.6	24.7	38.6	N.H.	7.4	7.4	.3	36.6	60.9
Ark.	3.4	2.8	.2	11.4	22.3	N.J.	79.5	79.5	3.3	38.0	56.3
Calif.	93.8	88.2	8.9	28.1	43.1	N. Mex.	3.6	2.5	.1	8.4	17.2
Colo.	10.1	9.2	.7	21.4	37.3	N.Y.	82.9	79.4	7.4	23.8	36.1
Conn.	26.4	26.4	1.2	32.9	47.4	N.C.	64.8	57.8	.7	14.6	24.7
Del.	3.3	3.3	.1	9.5	17.0	N. Dak.[2]	.7	.7	.1	16.4	31.9
D.C.	8.7	8.7	.1	9.2	22.7	Ohio	60.3	43.5	2.4	23.1	38.2
Fla.	110.9	110.5	1.6	19.9	33.8	Okla.	5.7	4.5	.3	12.5	23.4
Ga.	27.5	24.8	.9	17.6	32.4	Oreg.	37.6	34.4	.8	25.3	47.3
Hawaii [1]	11.6	11.6	.2	10.8	18.6	Pa.	25.2	25.2	2.1	16.4	25.7
Idaho	1.7	1.4	.2	17.7	32.2	R.I.	6.3	6.3	.3	24.3	41.4
Ill.[2]	58.1	56.7	3.2	24.5	36.9	S.C.	2.0	1.5	.3	12.5	23.7
Ind.	15.3	13.9	1.2	23.9	38.4	S. Dak.	3.9	3.7	.2	25.9	48.4
Iowa	45.0	41.2	.8	24.0	39.6	Tenn.	11.4	9.8	.5	14.3	26.3
Kans.	8.2	6.9	.6	25.5	42.1	Tex.	41.5	41.4	2.7	21.5	36.7
Ky.	33.8	30.0	.4	10.7	19.1	Utah	3.2	2.3	.2	15.5	29.0
La.	7.4	5.8	.3	7.9	14.8	Vt.	2.5	2.5	.1	23.3	41.6
Maine	8.6	8.6	.3	27.1	44.3	Va.	29.6	27.6	.9	17.1	28.3
Md.	28.7	23.5	1.0	18.5	29.4	Wash.	51.6	48.6	.9	18.8	32.4
Mass.	35.1	34.5	2.5	32.0	47.7	W. Va.	9.2	7.4	.2	10.1	18.1
Mich.[3]	55.5	55.5	3.0	25.5	43.3	Wis.	39.6	39.6	1.3	22.9	36.5
Minn.	14.0	13.3	1.0	18.7	30.9	Wyo.	2.5	.9	.1	20.9	41.5
Miss.	3.6	2.8	.3	11.4	22.5						

[1] All assessment is performed by a State agency but assessed values are shown here as "locally assessed" for comparability with data presented for other States. [2] Two sets of values are locally recorded for taxable property. For comparability with data for other States, the assessed values shown here pertain to the final values against which tax rates are applied, rather than to the preliminary "full and true," "true and full," and "market," or (in Illinois) local unadjusted values. [3] Assessed values are State equalized values, which are the legal values for the levy of the authorized tax rates within the State.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, preliminary report No. 2, *Assessed Valuations for Local General Property Taxation*, and *Governmental Finances in 1975–76*, series GF 76, No. 5.

No. 498. City Governments—Summary of Finances: 1960 to 1976

[In millions of dollars, except percent. Represents all municipalities (see table 493) and their dependent agencies; excludes other local governments overlying city areas. Includes sample-based estimates for cities of less than 25,000 for 1960, and less than 50,000 beginning 1965; thus subject to sampling variation]

ITEM	1960	1965	1970	1973	1974	1975	1976	PERCENT OF TOTAL 1970	PERCENT OF TOTAL 1976
Revenue	**14,915**	**20,318**	**32,704**	**48,461**	**52,822**	**59,744**	**66,856**	**100.0**	**100.0**
General revenue	11,647	15,881	26,621	40,378	44,158	49,853	55,341	81.4	82.8
Intergovernmental revenue	2,321	3,534	7,906	14,697	16,624	19,648	22,234	24.2	33.3
From State governments only	1,868	2,745	6,173	9,694	10,464	13,053	13,772	18.9	20.6
Taxes	7,109	9,289	13,647	18,477	19,434	21,135	23,336	41.7	34.9
Property	5,197	6,537	9,127	11,879	12,244	13,046	14,165	27.9	21.2
Percent of total taxes	73.1	70.4	66.9	64.3	63.0	61.7	60.7	(X)	(X)
Sales and gross receipts	1,217	1,795	2,422	3,567	3,931	4,555	5,109	7.4	7.6
General	797	1,184	1,479	2,126	2,381	2,769	3,083	4.5	4.6
Selective	420	611	943	1,441	1,550	1,786	2,026	2.9	3.0
Licenses and other	695	957	2,098	3,031	3,259	3,534	4,063	6.4	6.1
Charges and miscellaneous	2,217	3,061	5,068	7,204	8,100	9,071	9,771	15.5	14.6
Current charges only	1,342	1,951	3,113	4,533	4,927	5,443	6,161	9.5	9.2
Utility and liquor store revenue	2,861	3,852	5,168	6,783	7,210	8,109	9,708	15.8	14.5
Water system	1,253	1,651	2,201	2,813	2,911	3,266	3,454	6.7	5.2
Electric power system	1,006	1,441	1,883	2,654	2,947	3,682	4,598	5.8	6.9
Gas supply system	162	215	292	388	401	448	522	.9	.8
Transit system	370	453	671	764	807	821	929	2.1	1.4
Liquor stores	71	92	121	164	173	192	204	.4	.3
Insurance trust revenue	407	582	915	1,300	1,424	1,482	1,807	2.8	2.7
Expenditure	**15,251**	**20,680**	**34,173**	**48,151**	**52,535**	**60,703**	**67,460**	**100.0**	**100.0**
General expenditure [1]	11,818	16,012	27,682	39,134	42,786	48,935	54,425	81.0	80.7
Police protection	1,275	1,739	2,994	4,434	4,797	5,420	6,015	8.8	8.9
Fire protection	885	1,146	1,762	2,407	2,643	2,968	3,257	5.2	4.8
Highways	1,573	1,807	2,499	2,925	3,327	3,861	4,245	7.3	6.3
Sewerage and other sanitation	1,332	1,774	2,553	3,826	4,218	5,229	5,557	7.5	8.2
Public welfare	608	927	2,215	3,413	3,490	3,846	4,544	6.5	6.7
Education	1,801	2,489	4,548	6,050	6,472	7,164	7,610	13.3	11.3
Libraries	185	267	407	500	556	632	684	1.2	1.0
Health and hospitals	799	1,115	1,944	2,834	3,220	3,641	3,462	5.7	5.1
Parks and recreation	551	775	1,306	1,723	1,998	2,274	2,558	3.8	3.8
Housing and urban renewal	464	686	1,154	1,676	1,734	1,752	1,525	3.4	2.3
Airports	189	182	435	539	498	615	671	1.3	1.0
Financial administration	598	291	457	636	719	819	912	1.3	1.4
General control		468	776	1,096	1,275	1,440	1,611	2.3	2.4
General public buildings	182	329	430	608	680	845	934	1.3	1.4
Interest on general debt	431	603	1,098	1,736	1,918	2,294	2,683	3.2	4.0
Other and unallocable	946	1,414	3,104	4,731	5,241	6,135	8,157	9.1	12.1
Utility and liquor store expend	2,975	4,044	5,489	7,457	8,073	9,896	11,036	16.1	16.4
Water system	1,424	1,820	2,337	2,987	3,188	3,776	3,958	6.8	5.9
Electric power system	859	1,291	1,811	2,709	2,981	3,779	4,560	5.3	6.8
Gas supply system	143	193	260	349	357	407	463	.8	.7
Transit system	489	662	974	1,273	1,397	1,765	1,875	2.9	2.8
Liquor stores	60	78	107	139	150	169	179	.3	.3
Insurance trust expenditure	458	624	1,002	1,559	1,674	1,872	2,000	2.9	3.0
By character and object:									
Direct expenditure	15,093	20,425	33,792	47,555	51,931	59,989	65,890	98.9	97.7
Current operation	9,874	13,564	22,895	32,665	36,192	41,451	46,705	67.0	69.2
Capital outlay	3,691	4,750	7,103	9,182	9,904	12,054	11,923	20.8	17.7
Construction and equip	3,256	4,197	6,371	8,106	8,979	11,216	11,204	18.6	16.6
Land and existing structures	436	553	733	1,077	925	838	718	2.1	1.1
Assistance payments	386	530	1,245	1,799	1,575	1,594	1,787	3.6	2.6
Interest on debt	684	957	1,547	2,350	2,586	3,018	3,475	4.5	5.2
Insurance benefits, repayments	458	624	1,002	1,559	1,674	1,872	2,000	2.9	3.0
Intergovernmental expenditure	158	255	381	596	604	714	1,570	1.1	2.3
Total personal services [2]	*6,772*	*9,075*	*14,784*	*20,595*	*22,947*	*24,635*	*26,367*	*43.4*	*39.1*
Debt outstanding, year end	**23,178**	**31,862**	**43,773**	**56,041**	**61,187**	**65,239**	**68,797**	**100.0**	**100.0**
Long-term	21,904	29,280	38,870	49,286	53,390	55,789	62,119	88.8	90.3
Full faith and credit	14,473	18,477	22,005	28,912	30,733	31,886	36,839	50.3	53.5
Nonguaranteed	7,430	10,803	16,863	20,375	22,658	23,903	25,280	38.5	36.7
Short-term	1,274	2,582	4,903	6,755	7,796	9,450	6,677	11.2	9.7
Net long-term debt outstanding	20,103	26,774	36,087	45,517	49,394	51,437	57,322	82.4	83.3
Long-term debt issued	2,420	3,347	3,810	6,140	6,827	5,754	9,684	(X)	(X)
Long-term debt retired	1,318	1,776	2,310	3,079	3,258	3,656	3,868	(X)	(X)

X Not applicable. [1] Includes intergovernmental expenditure. [2] Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 499. City Governments—Finances, by Population-Size Groups: 1976

Item	All cities	Cities having a 1975 population of— Less than 50,000	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1972	18,517	18,125	230	98	18	22	18	6
Population, 1975 ... mil.	136.7	64.2	16.1	13.4	4.7	8.5	12.0	17.8
General revenue [1] ... **mil. dol.**	**55,341**	**13,839**	**4,955**	**5,271**	**2,019**	**4,031**	**7,111**	**18,115**
Intergovernmental ... mil. dol.	22,234	4,635	1,623	1,998	821	1,571	3,239	8,347
From State governments ... mil. dol.	13,772	2,595	947	1,118	439	757	1,430	6,486
From Federal government ... mil. dol.	7,442	1,656	595	760	331	687	1,651	1,762
Revenue sharing ... mil. dol.	2,185	782	227	239	94	175	256	412
Taxes [1] ... mil. dol.	23,336	5,850	2,296	2,280	845	1,539	2,831	7,695
Property ... mil. dol.	14,165	3,912	1,679	1,662	486	849	1,585	3,992
Percent of total taxes	60.7	66.9	73.1	72.9	57.5	55.2	56.0	51.9
Sales and gross receipts ... mil. dol.	3,083	796	291	250	109	221	342	1,073
Current charges ... mil. dol.	6,161	2,086	666	651	201	583	653	1,322
Water supply and other utility ... mil. dol.	9,504	3,950	866	1,070	197	593	1,053	1,775
General expenditure [1] ... **mil. dol.**	**54,425**	**13,465**	**5,052**	**5,434**	**2,104**	**4,124**	**7,260**	**16,986**
Education ... mil. dol.	7,610	1,246	668	1,082	327	533	1,029	2,775
Highways ... mil. dol.	4,245	1,886	497	438	170	251	549	454
Public welfare ... mil. dol.	4,544	69	31	103	77	82	596	3,586
Health and hospitals ... mil. dol.	3,462	690	217	239	44	231	556	1,486
Police and fire protection ... mil. dol.	9,272	2,780	1,021	984	366	786	1,169	2,166
Sewerage and sanitation ... mil. dol.	5,557	2,009	589	579	233	507	710	931
Housing and urban renewal ... mil. dol.	1,525	160	172	188	77	135	191	602
Interest on general debt ... mil. dol.	2,683	573	193	222	115	201	310	1,070
Water supply and other utility ... mil. dol.	10,856	4,140	969	1,145	251	647	1,247	2,457
Gross debt outstanding ... **mil. dol.**	**68,797**	**18,421**	**5,725**	**6,227**	**3,084**	**5,477**	**7,602**	**22,261**
Long-term ... mil. dol.	62,119	17,396	5,239	5,636	2,643	5,068	6,827	19,310
Short-term ... mil. dol.	6,677	1,025	486	592	441	408	775	2,950
PERCENT DISTRIBUTION								
General revenue [1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Intergovernmental	40.2	33.5	32.8	37.9	40.7	39.0	45.5	46.1
Taxes [1]	42.2	42.3	46.3	43.3	41.9	38.2	39.8	42.5
Property	25.6	28.3	33.9	31.5	24.1	21.1	22.3	22.0
Sales and gross receipts	5.6	5.8	5.9	4.7	5.4	5.5	4.8	5.9
Current charges	11.1	15.1	13.4	12.4	10.0	14.5	9.2	7.3
Water supply and other utility	17.2	28.5	17.5	20.3	9.8	14.7	14.8	9.8
General expenditure [1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Education	14.0	9.3	13.2	19.0	15.5	12.9	14.2	16.3
Highways	7.8	14.0	9.8	8.1	8.1	6.1	7.6	2.7
Public welfare	8.3	.5	.6	1.9	3.7	2.0	8.2	21.1
Health and hospitals	6.4	5.1	4.3	4.4	2.1	5.6	7.7	8.7
Police and fire protection	17.0	20.6	20.2	18.1	17.4	19.1	16.1	12.8
Sewerage and sanitation	10.2	14.9	11.7	10.7	11.1	12.3	9.8	5.5
Housing and urban renewal	2.8	1.2	3.4	3.5	3.7	3.3	2.6	3.5
Interest on general debt	4.9	4.3	3.8	4.1	5.5	4.9	4.3	6.3
PER CAPITA [2]								
General revenue [1] ... **dol.**	**405**	**216**	**308**	**392**	**433**	**474**	**593**	**1,018**
Intergovernmental ... dol.	163	72	101	149	176	185	270	469
From State governments ... dol.	101	40	59	83	94	89	119	365
From Federal government ... dol.	54	26	37	57	71	81	138	99
Revenue sharing ... dol.	16	12	14	18	20	21	21	23
Taxes [1] ... dol.	171	91	143	170	181	181	236	433
Property ... dol.	103	61	104	124	104	100	132	224
Sales and gross receipts ... dol.	23	12	18	19	23	26	29	60
Current charges ... dol.	45	33	41	48	43	69	54	74
Water supply and other utility ... dol.	70	62	54	80	42	70	88	100
General expenditure [1] ... **dol.**	**398**	**210**	**314**	**404**	**451**	**485**	**606**	**955**
Education ... dol.	56	19	41	77	70	63	86	156
Highways ... dol.	31	29	31	33	37	30	46	26
Public welfare ... dol.	33	1	2	8	16	10	50	202
Health and hospitals ... dol.	25	11	13	18	9	27	46	84
Police and fire protection ... dol.	68	43	64	73	79	92	98	122
Sewerage and sanitation ... dol.	41	31	37	43	50	60	59	52
Housing and urban renewal ... dol.	11	2	11	14	16	16	16	34
Interest on general debt ... dol.	20	9	12	16	25	24	26	60
Water supply and other utility ... dol.	79	65	60	85	54	76	104	138
Gross debt outstanding ... **dol.**	**503**	**287**	**355**	**463**	**661**	**644**	**634**	**1,252**
Long-term ... dol.	454	271	325	419	567	596	570	1,086
Short-term ... dol.	49	16	30	44	94	48	65	166

[1] Includes items not shown separately. [2] Based on population as of July 1, 1975.

Source: U.S. Bureau of the Census, *City Government Finances in 1975–76*, series GF76, No. 4.

No. 500. City Governments—Finances,

[In millions of dollars. For fiscal year closed in the 12 months ending June 30, 1976.

Cities ranked by population size	Revenue: Total [1]	General revenue: Total	Intergovernmental revenue: From State and local govts.	Intergovernmental revenue: From Federal Government	Taxes: Total [1]	Taxes: Property	Taxes: Sales and gross receipts	Charges and miscellaneous	Gross debt outstanding
Total, 59 cities	**35,912**	**30,765**	**9,424.4**	**4,360.0**	**12,675.7**	**6,789.0**	**2,948.2**	**4,303.8**	**37,795**
New York, N.Y.	15,473	13,846	5,990.9	961.2	5,555.1	3,002.4	1,245.0	1,338.7	15,566
Chicago, Ill.	1,284	1,069	164.5	145.9	624.2	317.9	223.6	134.1	1,393
Los Angeles, Calif.	1,739	1,038	124.0	147.9	535.9	267.3	177.3	230.0	2,370
Philadelphia, Pa.	1,081	1,011	156.3	234.1	466.6	110.1	3.2	154.1	1,465
Detroit, Mich.	934	782	139.4	214.7	303.3	163.1	24.8	124.6	753
Houston, Tex.	440	370	10.2	58.4	209.7	131.4	73.9	91.2	718
Baltimore, Md.	1,113	1,051	544.2	142.0	268.6	182.1	26.4	96.6	560
Dallas, Tex.	321	256	6.5	41.5	155.4	105.1	47.5	52.6	482
San Diego, Calif.	272	220	44.6	40.0	87.8	44.5	37.5	47.5	137
San Antonio, Tex.	393	132	6.5	33.9	55.5	34.3	20.0	35.9	438
Indianapolis, Ind.	274	267	73.5	54.0	86.3	83.5	.8	53.7	282
Washington, D.C.	1,561	1,414	37.2	655.4	648.7	147.1	225.1	72.4	1,380
Honolulu, Hawaii	288	268	12.5	81.7	145.0	117.2	12.6	28.9	254
Milwaukee, Wis.	295	248	93.6	33.6	78.7	76.1	.4	42.0	256
Phoenix, Ariz.	228	194	47.0	38.0	73.5	30.8	39.9	35.0	341
San Francisco, Calif.	881	760	195.7	133.5	305.0	201.8	63.3	125.4	578
Memphis, Tenn.	565	318	172.0	27.7	76.2	52.9	12.3	42.3	553
Cleveland, Ohio	297	249	25.4	41.6	95.4	39.5	.8	86.7	385
Boston, Mass.	762	713	171.6	129.6	328.6	325.9	–	83.5	565
New Orleans, La.	272	256	39.1	69.7	90.3	32.6	51.1	57.2	249
San Jose, Calif.	159	149	27.3	21.6	64.4	29.4	27.2	36.3	136
Columbus, Ohio	173	148	20.2	25.5	66.0	9.8	.7	36.5	294
Jacksonville, Fla.	393	200	40.2	36.2	57.8	37.6	16.1	65.8	547
St. Louis, Mo.	295	267	31.2	45.6	147.7	34.6	60.5	43.1	169
Seattle, Wash.	311	208	38.0	26.6	81.0	33.5	30.4	61.9	473
Denver, Colo.	373	335	62.2	47.7	126.3	52.0	60.3	98.3	405
Kansas City, Mo.	248	222	11.0	45.4	115.2	22.4	45.1	50.8	334
Pittsburgh, Pa.	142	127	17.6	35.5	63.5	43.3	6.4	10.9	135
Atlanta, Ga.	238	204	30.9	22.7	82.4	53.3	19.9	67.9	578
Nashville-Davidson, Tenn.	424	265	56.8	30.8	132.8	86.5	35.3	44.6	401
Cincinnati, Ohio	475	442	127.3	63.7	93.4	25.2	1.4	157.2	278
Buffalo, N.Y.	365	353	167.3	66.5	95.0	91.3	2.3	24.5	286
El Paso, Tex.	81	69	1.8	14.6	31.8	19.9	10.9	21.0	66
Minneapolis, Minn.	173	153	38.8	21.7	64.9	56.2	5.7	27.9	198
Omaha, Nebr.	110	107	13.0	32.4	47.0	27.8	16.1	14.5	117
Toledo, Ohio	110	102	12.1	22.3	40.6	6.2	.2	27.5	127
Oklahoma City, Okla.	119	103	6.5	25.1	42.2	20.6	20.3	29.0	393
Miami, Fla.	112	102	20.8	8.9	54.0	33.1	17.2	18.4	118
Fort Worth, Tex.	122	99	2.6	29.5	44.9	29.3	14.3	22.2	171
Portland, Oreg.	146	131	16.3	31.9	53.7	41.4	6.3	29.2	38
Newark, N.J.	361	350	192.7	16.1	130.9	100.1	18.4	10.7	171
Louisville, Ky.	183	160	22.6	42.6	52.1	16.9	1.9	42.2	306
Long Beach, Calif.	187	146	19.6	15.0	52.6	24.8	20.6	58.4	122
Tulsa, Okla.	131	117	5.8	38.4	43.1	9.7	32.2	29.8	253
Oakland, Calif.	152	144	18.5	25.1	59.7	34.7	20.3	40.7	168
Austin, Tex.	191	92	2.2	24.6	32.1	21.4	9.6	32.6	339
Tucson, Ariz.	113	94	20.4	18.4	40.0	8.6	20.9	15.1	164
Baton Rouge, La.	99	98	12.5	18.1	47.2	11.5	29.2	20.6	259
Norfolk, Va.	224	206	69.4	34.6	73.5	36.7	28.3	28.9	223
Charlotte, N.C.	111	101	19.4	24.0	40.9	39.4	–	16.5	177
Tampa, Fla.	128	112	14.9	37.4	34.0	16.2	15.1	25.9	116
St. Paul, Minn.	121	110	26.6	14.7	43.8	34.1	7.9	25.1	227
Albuquerque, N. Mex.	109	100	28.7	28.2	23.1	16.7	3.6	19.6	126
Birmingham, Ala.	122	100	9.0	19.0	47.7	10.0	14.8	24.0	260
Rochester, N.Y.[2]	194	184	81.2	7.9	80.9	76.4	2.4	13.5	267
Wichita, Kans.	98	86	11.5	17.4	27.0	22.2	3.7	30.3	245
Sacramento, Calif.	96	82	15.5	6.1	40.1	21.2	16.1	20.4	115
Akron, Ohio	92	83	7.0	17.8	34.3	8.8	.1	23.8	148
Jersey City, N.J.	158	151	50.6	16.3	78.4	60.6	12.1	5.8	129

– Represents zero. Z Less than $50,000. [1] Includes categories not shown separately. [2] Data for 1975.

LARGEST CITIES: 1976

Cities ranked by size of population as of July 1, 1975]

EXPENDITURE									
	General expenditure								
Total [1]	Total [1]	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal	CITIES RANKED BY POPULATION SIZE
36,221	**29,929**	**4,541.1**	**1,384.6**	**4,295.4**	**2,303.9**	**2.980.2**	**1,429.5**	**985.4**	**Total, 59 cities.**
15,197	12,842	2,704.4	167.6	3,516.2	1,234.3	691.0	302.2	494.8	New York, N.Y.
1,241	1,078	26.2	93.9	17.0	50.9	287.4	93.1	15.0	Chicago, Ill.
1,681	*944*	*17.6*	*95.8*	*.8*	*2.7*	*229.7*	*89.2*	*15.9*	*Los Angeles, Calif.*
1,181	1,088	9.7	39.7	51.1	109.5	155.5	53.2	36.3	Philadelphia, Pa.
845	655	16.2	30.4	.6	74.3	129.6	40.0	39.7	Detroit, Mich.
467	378	.9	26.5	(Z)	13.8	59.1	42.4	–	Houston, Tex.
1,108	1,053	288.9	150.9	129.3	61.8	74.0	34.7	44.1	Baltimore, Md.
316	230	–	28.1	–	4.8	39.0	24.6	–	Dallas, Tex.
261	205	8.7	11.8	(Z)	.1	28.9	15.3	2.7	San Diego, Calif.
510	169	–	22.1	.9	6.1	24.7	16.1	4.8	San Antonio, Tex.
290	267	1.2	36.3	37.1	48.0	25.7	12.9	5.0	Indianapolis, Ind.
1,757	1,541	330.4	73.0	273.9	120.5	102.1	29.6	24.2	Washington, D.C.
308	287	–	39.2	–	3.3	33.8	16.1	9.6	Honolulu, Hawaii.
240	211	(Z)	23.1	–	7.6	43.6	19.7	15.3	Milwaukee, Wis.
247	212	1.1	22.8	.3	.3	38.0	15.4	3.7	Phoenix, Ariz.
801	635	1.7	13.6	135.2	111.7	46.8	37.3	20.6	San Francisco, Calif.
579	335	140.6	18.0	.7	.7	29.3	25.7	1.5	Memphis, Tenn.
340	286	–	22.6	1.8	7.8	73.7	25.8	11.1	Cleveland, Ohio.
846	779	253.7	19.9	3.4	79.4	69.4	43.4	32.8	Boston, Mass.
270	247	2.1	15.0	6.1	7.9	32.6	19.4	.8	New Orleans, La.
146	141	–	19.8	–	–	20.8	12.9	3.7	San Jose, Calif.
188	158	–	13.2	–	6.0	27.8	17.2	1.1	Columbus, Ohio.
457	251	.4	11.3	4.2	30.5	23.3	12.3	9.6	Jacksonville, Fla.
271	*251*	*.5*	*8.5*	*3.5*	*58.9*	*44.0*	*13.0*	*.1*	*St. Louis, Mo.*
307	208	1.9	20.5	–	9.4	34.4	19.5	10.9	Seattle, Wash.
400	350	1.0	15.1	51.2	45.6	36.1	22.0	7.5	Denver, Colo.
240	219	9.8	17.9	.4	13.0	30.1	14.7	4.1	Kansas City, Mo.
159	139	.1	13.7	(Z)	.2	22.6	13.9	9.5	Pittsburgh, Pa.
265	221	4.2	12.5	1.5	–	29.7	13.1	.6	Atlanta, Ga.
433	264	105.6	17.4	3.1	21.2	17.2	10.9	1.0	Nashville-Davidson, Tenn.
446	418	135.6	11.7	–	65.8	31.3	19.0	13.0	Cincinnati, Ohio.
360	351	126.0	8.7	(Z)	.9	23.5	17.3	21.4	Buffalo, N.Y.
71	59	–	4.5	(Z)	1.6	9.2	5.7	–	El Paso, Tex.
195	167	(Z)	26.6	–	5.3	18.8	11.0	11.4	Minneapolis, Minn.
95	93	.1	13.4	.1	1.7	12.2	8.9	.2	Omaha, Nebr.
138	129	–	11.8	–	5.5	17.7	13.7	9.0	Toledo, Ohio.
122	100	(Z)	5.0	–	–	11.5	10.3	8.9	Oklahoma City, Okla.
113	104	(Z)	8.6	–	.2	24.3	12.8	–	Miami, Fla.
112	92	(Z)	10.7	–	1.9	13.2	8.4	–	Fort Worth, Tex.
149	127	–	11.0	–	.6	21.2	15.1	5.8	Portland, Oreg.
352	338	147.2	1.2	25.2	8.2	45.6	22.3	1.2	Newark, N.J.
183	148	.1	3.6	–	5.4	21.4	12.6	11.0	Louisville, Ky.
215	178	.9	6.6	–	3.6	27.0	16.1	1.3	Long Beach, Calif.
143	*126*	–	*7.1*	–	*15.1*	*9.4*	*9.1*	*5.3*	Tulsa, Okla.
177	162	.5	12.3	–	–	21.3	15.7	10.4	Oakland, Calif.
248	130	–	11.3	–	26.0	10.8	6.0	2.7	Austin, Tex.
126	99	–	5.9	–	–	14.7	9.9	2.4	Tucson, Ariz.
100	97	.2	10.9	.1	1.9	11.3	5.5	.1	Baton Rouge, La.
211	193	60.2	8.0	30.0	9.8	9.7	6.3	15.5	Norfolk, Va.
120	103	–	20.2	–	.1	10.8	8.7	5.5	Charlotte, N.C.
139	122	–	7.2	–	–	15.6	11.9	2.8	Tampa, Fla.
120	108	1.9	12.5	.2	3.0	12.2	8.8	4.5	St. Paul, Minn.
115	97	–	7.1	–	1.6	14.5	8.6	10.9	Albuquerque, N. Mex.
119	100	.5	7.3	–	3.2	13.3	9.1	–	Birmingham, Ala.
197	190	81.1	6.0	–	(Z)	14.5	14.1	4.6	Rochester, N.Y.[2]
135	121	–	19.7	–	2.4	6.2	5.7	3.7	Wichita, Kans.
91	81	–	3.7	–	–	15.8	10.2	3.0	Sacramento, Calif.
94	85	–	19.2	–	2.6	11.0	7.5	3.1	Akron, Ohio.
185	167	60.1	2.4	1.4	7.4	18.3	13.5	1.8	Jersey City, N.J.

Source: U.S. Bureau of the Census, *City Government Finances in 1975–76*, series GF76, No. 4.

No. 501. City Governments—Selected Financial Items Per Capita for Largest Cities: 1970 to 1976

[Cities ranked by size of population estimated as of July 1, 1975, except Honolulu ranked by county population. General expenditures, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems where applicable. 1970 data based on resident population enumerated as of April 1, 1970; later data based on resident population estimated as of July 1, 1975]

Cities ranked by population size	Population, 1975 (1,000)	General expenditures			Taxes			Gross debt outstanding		
		1970	1975	1976	1970	1975	1976	1970	1975	1976
New York, N.Y.	7,482	$838	$1,522	$1,717	$383	$635	$743	$1,101	$1,935	$2,081
Chicago, Ill.	3,099	205	310	348	113	188	201	326	411	450
Los Angeles, Calif.	2,727	169	306	346	110	175	196	483	837	869
Philadelphia, Pa.	1,816	299	499	599	183	242	257	556	701	807
Detroit, Mich.	1,335	234	449	491	148	208	227	438	550	564
Houston, Tex.	1,327	112	224	285	82	137	158	365	495	537
Baltimore, Md.	852	639	1,045	1,236	222	303	315	649	644	658
Dallas, Tex.	813	159	301	283	106	176	191	348	587	593
San Diego, Calif.	774	137	233	265	63	100	113	176	188	177
San Antonio, Tex.	773	88	167	219	50	67	72	290	485	567
Indianapolis, Ind.	715	127	325	374	67	121	121	205	368	395
Washington, D.C.	712	1,011	1,960	2,166	517	741	912	621	1,571	1,940
Honolulu, Hawaii	705	204	322	407	134	178	206	367	304	360
Milwaukee, Wis.	666	219	289	317	93	116	118	344	364	385
Phoenix, Ariz.	665	130	312	319	72	106	111	295	497	513
San Francisco, Calif.	665	603	853	955	300	388	459	575	732	870
Memphis, Tenn.	661	294	483	506	75	110	115	588	829	836
Cleveland, Ohio	639	198	362	448	127	134	149	454	597	602
Boston, Mass.	637	554	1,088	1,223	349	532	516	465	846	887
New Orleans, La.	560	182	344	442	102	145	161	387	456	445
San Jose, Calif.	556	156	229	253	66	105	116	235	269	245
Columbus, Ohio	536	192	261	295	58	116	123	451	549	550
Jacksonville, Fla.	535	135	381	469	74	99	108	456	1,027	1,022
St. Louis, Mo.	525	225	382	478	162	251	281	254	304	310
Seattle, Wash.	487	209	390	426	75	155	166	537	943	971
Denver, Colo.	485	306	581	721	136	230	261	532	720	835
Kansas City, Mo.	473	245	396	464	111	210	244	570	695	707
Pittsburgh, Pa.	459	192	251	302	119	132	138	278	287	295
Atlanta, Ga.	436	236	422	507	92	162	189	538	1,237	1,326
Nashville-Davidson, Tenn.	423	360	606	623	171	290	314	718	940	948
Cincinnati, Ohio	413	502	856	1,012	114	208	226	606	647	674
Buffalo, N.Y.	407	367	726	868	143	224	233	519	711	703
El Paso, Tex.	386	92	144	154	59	82	82	218	197	171
Minneapolis, Minn.	378	178	407	441	92	144	172	183	424	523
Omaha, Nebr.	371	116	359	249	65	119	187	145	310	315
Toledo, Ohio	368	171	291	351	77	104	110	193	305	346
Oklahoma City, Okla.	366	154	257	275	70	102	115	705	1,009	1,075
Miami, Fla.	365	135	231	286	105	143	148	268	300	323
Fort Worth, Tex.	358	123	212	256	72	116	125	296	492	477
Portland, Oreg.	357	196	292	356	95	124	151	162	120	106
Newark, N.J.	340	451	854	996	281	314	385	317	422	504
Louisville, Ky.	336	331	429	442	95	139	155	667	932	910
Long Beach, Calif.	336	260	412	531	81	142	157	82	357	363
Tulsa, Okla.	332	125	309	380	54	118	115	453	784	1,075
Oakland, Calif.	331	232	364	490	122	164	181	251	438	507
Austin, Tex.	301	169	324	433	61	97	107	661	899	1,126
Tucson, Ariz.	296	149	329	335	66	115	135	271	647	552
Baton Rouge, La.	294	146	264	329	87	148	160	413	833	881
Norfolk, Va.	287	411	672	672	140	252	256	537	739	779
Charlotte, N.C.	281	156	318	365	78	133	145	336	546	630
Tampa, Fla.	280	139	313	433	91	114	121	341	438	415
St. Paul, Minn.	280	214	345	388	83	127	157	449	718	811
Albuquerque, N. Mex.	279	181	287	346	85	64	83	399	371	453
Birmingham, Ala.	276	136	336	361	69	150	173	397	871	940
Rochester, N.Y.	267	531	688	713	169	292	303	425	964	998
Wichita, Kans.	265	222	377	455	71	93	102	679	833	924
Sacramento, Calif.	261	208	272	309	101	132	154	379	401	440
Akron, Ohio	252	200	267	337	77	130	136	280	552	587
Jersey City, N.J.	244	339	602	684	182	270	322	325	505	528

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 502. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1975

[Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes]

City	$5,000 income		$10,000 income		$15,000 income		$20,000 income		$30,000 income	
	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income
Atlanta	$393	7.9	$768	7.7	$1,245	8.3	$1,730	8.7	$2,670	8.9
Baltimore	420	8.4	959	9.6	1,442	9.6	1,930	9.7	2,862	9.5
Boston	811	16.2	1,618	16.2	2,420	16.1	3,169	15.8	4,499	15.0
Buffalo	719	14.4	1,326	13.3	2,026	13.5	2,739	13.7	4,314	14.4
Chicago	651	13.0	1,110	11.1	1,609	10.7	2,010	10.0	2,758	9.2
Cincinnati	441	8.8	759	7.6	1,144	7.6	1,510	7.6	2,248	7.5
Cleveland	397	7.9	669	6.7	1,007	6.7	1,326	6.3	1,968	6.6
Columbus	366	7.3	632	6.3	960	6.4	1,274	6.4	1,919	6.4
Dallas	*455*	*9.1*	*720*	*7.2*	*1,009*	*6.7*	*1,252*	*6.3*	*1,653*	*5.5*
Denver	459	9.2	853	8.5	1,251	8.3	1,679	8.4	2,505	8.3
Detroit	433	8.7	947	9.5	1,534	10.2	2,070	10.3	3,115	10.4
Houston	391	7.8	621	6.2	868	5.8	1,074	5.4	1,414	4.7
Indianapolis	537	10.7	917	9.2	1,326	8.8	1,667	8.3	2,312	7.7
Jacksonville	173	3.5	324	3.2	485	3.2	603	3.0	804	2.7
Kansas City	405	8.1	768	7.7	1,172	7.8	1,518	7.6	2,265	7.5
Los Angeles	584	11.7	1,116	11.2	1,820	12.1	2,484	12.4	3,826	12.8
Memphis	434	8.7	646	6.5	896	6.0	1,067	5.3	1,350	4.5
Milwaukee	429	8.6	1,333	13.3	2,135	14.2	2,936	14.7	4,424	14.7
Nashville	405	8.1	602	6.0	834	5.6	988	4.9	1,245	4.1
New Orleans	339	6.8	643	6.4	1,029	6.9	1,337	6.7	1,877	6.3
New York City	1,005	20.1	1,811	18.1	2,755	18.4	3,698	18.5	5,716	19.1
Philadelphia	473	9.5	1,015	10.2	1,487	9.9	1,901	9.5	2,674	8.9
Phoenix	441	8.8	788	7.9	1,131	7.5	1,514	7.6	2,310	7.7
Pittsburgh	552	11.0	1,083	10.8	1,566	10.4	1,976	9.9	2,698	9.0
San Antonio	537	10.7	856	8.6	1,200	8.0	1,493	7.5	1,984	6.6
San Diego	395	7.9	784	7.8	1,312	8.7	1,823	9.1	2,918	9.7
San Francisco	553	11.1	1,043	10.4	1,694	11.3	2,311	11.6	3,576	11.9
Seattle	510	10.2	785	7.9	1,072	7.1	1,298	6.5	1,687	5.6
St. Louis	*475*	*9.5*	*871*	*8.7*	*1,316*	*8.8*	*1,696*	*8.5*	*2,503*	*8.3*
Washington, D.C.	441	8.8	891	8.9	1,396	9.3	1,915	9.6	2,963	9.9
30-city average	487	9.7	909	9.1	1,371	9.1	1,800	9.0	2,635	8.8

No. 503. Residential Property Tax Rates in Selected Large Cities: 1975

City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100	City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100
	Rank	Rate				Rank	Rate		
Buffalo	1	$4.92	47.0	$10.47	Atlanta	16	$2.37	40.0	$5.93
Boston	2	4.52	23.0	19.67	San Diego	17	2.33	23.7	9.83
New York City	3	4.04	55.0	7.35	Seattle	18	1.90	89.1	2.13
Pittsburgh	4	3.78	50.0	7.56	St. Louis	19	1.89	33.3	5.69
San Antonio	5	3.75	47.6	7.88	Memphis	20	1.77	25.0	7.06
Milwaukee	6	3.74	99.1	3.77	Washington, D.C.	21	1.71	93.4	1.83
Los Angeles	7	3.62	25.3	14.29	New Orleans	22	1.69	20.6	8.19
Indianapolis	8	3.29	26.5	12.40	Denver	23	1.62	20.0	8.08
Detroit	9	3.18	48.4	6.58	Phoenix	24	1.60	12.8	12.52
Chicago	10	2.73	31.9	8.56	Cleveland	25	1.60	25.0	7.12
San Francisco	11	2.68	23.3	11.50	Cincinnati	26	1.51	35.0	4.78
Dallas	12	2.60	42.9	6.06	Kansas City	27	1.44	18.6	7.76
Baltimore	13	2.59	41.5	6.23	Jacksonville	28	1.42	80.0	1.78
Philadelphia	14	2.39	50.0	4.78	Nashville	29	1.28	21.3	6.00
Houston	15	2.38	41.0	5.81	Columbus	30	1.25	35.0	3.96

Source of tables 502 and 503: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burden in Washington, D.C. Compared With Major State and Local Tax Burdens in the Nation's Thirty Largest Cities, 1975.*

No. 504. Governmental Employment and Payrolls: 1950 to 1977

[For October. 1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307]

LEVEL OF GOVERNMENT	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
EMPLOYEES											
Total.....1,000..	**6,402**	**7,432**	**8,808**	**10,589**	**13,028**	**13,759**	**14,139**	**14,628**	**14,973**	**15,012**	**15,406**
Federal (civilian)....1,000..	2,117	2,378	2,421	2,588	2,881	2,795	2,786	2,874	2,890	2,843	2,848
State and local.....1,000..	4,285	5,054	6,387	8,001	10,147	10,964	11,353	11,754	12,084	12,169	12,558
Percent of total.....	66.9	68.0	72.5	75.6	77.9	79.7	80.3	80.4	80.7	81.1	81.5
State.....1,000..	1,057	1,250	1,527	2,028	2,755	2,957	3,013	3,155	3,271	3,343	3,467
Local.....1,000..	3,228	3,804	4,860	5,973	7,392	8,007	8,339	8,599	8,813	8,826	9,091
PAYROLL, OCT.											
Total.....mil. dol..	**1,528**	**2,265**	**3,333**	**4,884**	**8,334**	**9,950**	**11,027**	**12,086**	**13,224**	**13,924**	**15,197**
Federal (civilian).mil. dol..	613	846	1,118	1,484	2,428	2,710	3,012	3,294	3,584	3,565	3,918
State and local..mil. dol..	915	1,419	2,215	3,400	5,906	7,240	8,015	8,792	9,640	10,359	11,279
Percent of total.....	59.9	62.6	66.5	69.6	70.9	72.8	72.7	72.7	72.9	74.4	74.2
State.....mil. dol..	218	340	524	849	1,612	1,937	2,158	2,410	2,653	2,894	3,200
Local.....mil. dol..	696	1,078	1,691	2,551	4,294	5,303	5,857	6,382	6,987	7,465	8,079
AVERAGE ANNUAL PERCENT CHANGE [1]											
Employees, total.....	**−.5**	**3.0**	**3.5**	**3.8**	**4.2**	**2.8**	**2.8**	**3.5**	**2.4**	**.3**	**2.6**
Federal.....	−8.9	2.4	.4	1.3	2.2	−1.5	−.3	3.2	.6	−1.6	.2
State and local.....	6.1	3.4	4.8	4.6	4.9	4.0	3.5	3.5	2.9	.7	3.2
Payrolls, total.....	**6.6**	**8.2**	**8.0**	**7.9**	**11.3**	**9.3**	**10.8**	**9.6**	**9.6**	**5.3**	**9.2**
Federal.....	−.9	6.7	5.7	5.8	10.3	5.7	11.1	9.4	8.8	−.5	9.9
State and local.....	14.3	9.2	9.3	8.9	11.7	10.7	10.7	9.7	9.9	7.6	8.9

[1] Represents average for period of interval shown; for 1950, change from 1945. Minus sign (−) denotes decrease.

No. 505. Governmental Employment and Payrolls, by Level of Government and by Function: 1976 and 1977

[For October. Comprises both full-time and part-time employees]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLL (mil. dol.)				
	Total	Federal (civilian) [1]	State and local			Total	Federal (civilian) [1]	State and local		
			Total	State	Local			Total	State	Local
1976, total.....	**15,012**	**2,843**	**12,169**	**3,343**	**8,826**	**13,924**	**3,565**	**10,359**	**2,894**	**7,465**
National defense [2].....	1,014	1,014	(X)	(X)	(X)	1,244	1,244	(X)	(X)	(X)
Postal service.....	661	661	(X)	(X)	(X)	820	820	(X)	(X)	(X)
Education.....	6,330	22	6,308	1,434	4,875	5,338	28	5,310	1,112	4,199
Teachers.....	3,567	(X)	3,567	425	3,143	3,822	(X)	3,822	532	3,290
Highways.....	587	5	582	262	320	513	8	505	256	249
Health and hospitals.....	1,466	246	1,219	614	606	1,259	277	981	517	465
Public welfare.....	353	(X)	353	161	192	298	(X)	298	144	154
Police protection.....	670	57	613	69	545	712	84	628	82	546
Fire protection.....	292	(X)	292	(X)	292	264	(X)	264	(X)	264
Sanitation and sewerage.....	214	(X)	214	(X)	214	183	(X)	183	(X)	183
Parks and recreation.....	208	(X)	208	(X)	208	130	(X)	130	(X)	130
Natural resources.....	467	263	204	169	35	510	335	175	150	25
Financial administration.....	399	106	293	117	177	371	129	241	113	129
All other.....	2,351	470	1,882	518	1,363	2,282	639	1,642	519	1,123
1977, total.....	**15,406**	**2,848**	**12,558**	**3,467**	**9,091**	**15,198**	**3,918**	**11,279**	**3,200**	**8,079**
National defense [2].....	989	989	(X)	(X)	(X)	1,327	1,327	(X)	(X)	(X)
Postal service.....	652	652	(X)	(X)	(X)	890	890	(X)	(X)	(X)
Education.....	6,515	22	6,493	1,483	5,010	5,782	29	5,753	1,237	4,516
Teachers.....	3,642	(X)	3,642	444	3,198	5,012	(X)	5,012	589	4,423
Highways.....	592	5	587	260	327	550	9	541	275	266
Health and hospitals.....	1,509	254	1,254	638	616	1,391	318	1,073	573	498
Public welfare.....	386	(X)	368	167	200	330	(X)	330	161	169
Police protection.....	684	56	628	70	558	785	89	696	88	607
Fire protection.....	301	(X)	301	(X)	301	292	(X)	292	(X)	292
Sanitation and sewerage.....	223	(X)	223	(X)	223	199	(X)	199	(X)	199
Parks and recreation.....	221	(X)	221	(X)	221	142	(X)	142	(X)	142
Natural resources.....	483	273	210	176	34	557	372	185	159	26
Financial administration.....	415	108	307	119	189	409	140	269	123	146
All other.....	2,453	488	1,965	553	1,412	2,544	743	1,801	584	1,218

X Not applicable. [1] Includes employees outside United States. [2] Includes international relations.

Source of tables 504 and 505: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

No. 506. Governmental Employment and Payrolls—States: 1977

[For October, except as noted]

STATE	ALL EMPLOYEES (1,000)				FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS						OCTOBER PAYROLL [4] (mil. dol.)	
	All governments	Federal (civilian) [1]	State	Local [2]	Number (1,000)			Per 10,000 population [3]				
					Total	State	Local [2]	Total	State	Local [2]	State	Local
U.S.	15,275	2,717	3,467	9,091	10,498	2,902	7,596	485	134	351	3,200	8,079
Ala.	262	59	69	133	177	59	118	480	160	320	61	95
Alaska	46	16	16	14	28	15	12	678	374	304	26	22
Ariz.	185	35	41	110	127	34	93	552	146	405	36	103
Ark.	132	18	38	76	96	32	64	447	149	298	29	46
Calif.	1,670	292	289	1,089	1,088	232	856	497	106	391	325	1,152
Colo.	225	49	56	120	142	42	100	541	159	382	49	104
Conn.	178	21	51	106	132	43	89	426	138	288	44	99
Del.	41	5	17	19	31	14	16	530	248	282	15	18
D.C.	260	205	(x)	55	52	(x)	52	760	(x)	760	(x)	76
Fla.	561	78	110	373	430	97	332	508	115	393	103	318
Ga.	384	76	89	219	274	77	196	543	153	389	74	154
Hawaii	82	25	43	14	47	34	13	530	380	149	42	16
Idaho	66	10	20	36	44	15	29	513	176	337	16	25
Ill.	725	103	142	480	494	116	378	439	103	336	134	460
Ind.	328	39	83	206	236	61	175	443	115	328	72	156
Iowa	201	19	50	131	144	42	102	499	144	355	52	99
Kans.	181	23	50	109	124	38	86	532	163	368	39	74
Ky.	208	35	64	108	146	55	90	422	160	262	54	75
La.	253	31	80	142	199	68	131	508	173	335	62	110
Maine	71	9	21	41	49	17	32	455	159	296	16	27
Md.	377	133	77	167	217	72	145	524	174	350	76	168
Mass.	390	58	80	252	280	70	210	484	122	363	74	236
Mich.	607	54	145	408	428	117	311	468	128	340	153	384
Minn.	273	30	68	176	194	52	142	488	130	358	66	156
Miss.	162	25	42	95	118	36	82	494	151	343	31	59
Mo.	320	66	75	179	213	61	152	444	128	316	59	140
Mont.	66	12	20	34	43	15	27	559	200	359	17	27
Nebr.	125	16	31	78	89	27	62	569	171	398	24	57
Nev.	51	9	13	29	37	11	26	577	167	410	13	27
N.H.	64	13	17	33	38	14	24	446	159	287	14	21
N.J.	480	69	88	323	349	75	274	477	103	374	88	315
N. Mex.	106	27	33	46	68	28	41	575	234	341	27	36
N.Y.	1,220	167	210	844	918	194	724	512	108	404	218	930
N.C.	354	42	99	213	279	87	192	504	157	347	85	166
N. Dak.	60	9	16	35	31	11	20	478	176	302	12	20
Ohio	654	92	136	425	454	109	345	424	102	322	120	351
Okla.	212	47	60	105	140	50	90	498	177	322	46	73
Oreg.	187	25	53	108	127	41	86	537	173	363	50	95
Pa.	680	128	149	402	474	133	341	402	113	290	154	348
R.I.	61	10	23	28	44	19	25	474	204	270	20	28
S.C.	203	31	63	109	146	56	90	506	194	313	52	70
S. Dak.	60	11	16	33	33	12	21	485	176	309	12	17
Tenn.	293	57	74	162	212	64	148	494	150	345	56	122
Tex.	869	150	193	526	631	163	468	491	127	364	164	424
Utah	117	35	33	48	64	26	37	501	208	293	27	36
Vt.	36	4	13	19	24	11	13	492	223	269	11	11
Va.	441	142	105	194	262	89	173	510	174	336	88	155
Wash.	287	58	85	145	189	66	123	516	180	336	81	146
W. Va.	118	16	44	59	91	37	54	489	201	288	34	47
Wis.	310	26	69	214	222	55	168	478	117	361	68	172
Wyo.	35	6	9	19	24	8	16	586	202	384	9	14

X Not applicable.

[1] Federal civilian employment in United States as of December 1977. Total accordingly differs from Federal employment reported in table 504 which pertains to October of each year and includes employees working outside United States.

[2] Subject to sampling variation.

[3] Based on population estimated as of July 1, 1977. [4] For all employees.

Source: U.S. Bureau of the Census, *Public Employment in 1977*, series GE 77, No. 1.

No. 507. State and Local Government Employment, Payrolls, and Monthly Earnings, by Level of Government: 1960 to 1977

[See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

Level of government and item	1960	1965	1970	1972	1973	1974	1975	1976	1977
	Employees, October (1,000)								
Total	6,387	8,001	10,147	10,964	11,353	11,754	12,084	12,169	12,558
Full-time	5,320	6,595	8,024	8,578	8,838	9,177	9,397	9,514	9,775
Part-time	1,067	1,406	2,123	2,385	2,515	2,577	2,687	2,655	2,783
Full-time equivalent:									
State and local	5,570	6,937	8,528	9,237	9,578	9,852	10,098	10,206	10,498
Education	2,525	3,337	4,258	4,585	4,751	4,901	4,952	5,003	5,106
Health and hospitals	654	789	950	1,053	1,088	1,115	1,133	1,149	1,183
Police protection	304	349	450	487	516	532	544	546	561
Other	2,087	2,462	2,871	3,112	3,223	3,303	3,469	3,509	3,648
State, total [1]	1,353	1,751	2,302	2,487	2,547	2,653	2,744	2,799	2,902
Education	390	508	803	867	887	929	952	973	1,005
Health and hospitals	331	392	482	520	534	553	570	589	614
Highways	240	284	297	286	284	277	271	259	258
Local, total [1]	4,217	5,186	6,226	6,750	7,031	7,198	7,354	7,407	7,596
Education	2,136	2,829	3,455	3,718	3,863	3,973	4,000	4,030	4,102
Health and hospitals	324	397	469	532	555	562	562	559	569
Highways	259	266	271	275	282	284	298	292	299
Counties [1]	788	893	1,098	1,242	1,318	1,343	1,408	1,448	1,543
Education	(NA)	(NA)	228	262	285	282	279	294	321
Health and hospitals	(NA)	(NA)	227	252	266	277	281	282	297
Public welfare	(NA)	(NA)	111	132	130	128	139	142	148
Municipalities [1]	1,447	1,638	1,922	2,029	2,109	2,127	2,142	2,107	2,141
Education	(NA)	(NA)	359	378	402	405	376	360	353
Health and hospitals	(NA)	(NA)	158	167	173	169	165	158	157
Police protection	(NA)	(NA)	299	319	337	344	349	347	355
Fire protection	(NA)	(NA)	169	181	184	183	184	183	187
School districts	1,729	2,287	2,786	2,981	3,074	3,183	3,243	3,272	3,325
Townships	302	177	192	215	232	233	237	245	249
Special districts		191	228	283	298	312	324	335	338
	Payroll, October (mil. dol.)								
Total	2,215	3,400	5,906	7,240	8,015	8,792	9,640	10,359	11,279
Full-time	(NA)	3,251	5,598	6,786	7,498	8,244	9,018	9,709	10,542
Part-time	(NA)	150	309	454	517	548	622	650	738
Education	1,095	1,778	3,170	3,814	4,185	4,580	4,960	5,310	5,753
Health and hospitals	198	292	529	672	758	832	907	981	1,073
Police protection	129	184	339	438	480	531	585	628	696
Other	795	1,147	1,802	2,317	2,593	2,849	3,206	3,439	3,757
State, total [1]	545	849	1,612	1,937	2,158	2,410	2,653	2,894	3,200
Education	172	290	630	747	822	933	1,022	1,112	1,237
Health and hospitals	104	150	283	343	391	432	472	517	573
Highways	90	129	193	213	232	238	251	256	275
Local, total [1]	1,670	2,551	4,294	5,303	5,857	6,382	6,987	7,474	8,079
Education	923	1,488	2,539	3,067	3,363	3,647	3,939	4,208	4,516
Health and hospitals	93	141	246	328	367	400	437	464	498
Highways	88	110	149	179	200	212	238	249	266
Counties [1]	229	377	639	857	952	1,057	1,183	1,295	1,441
Education	(NA)	89	149	205	233	241	252	285	321
Health and hospitals	(NA)	66	117	158	174	199	217	233	260
Public welfare	(NA)	30	61	83	85	92	106	114	127
Municipalities [1]	583	818	1,361	1,654	1,855	1,985	2,129	2,235	2,386
Education	(NA)	170	299	352	415	425	425	431	442
Health and hospitals	(NA)	56	90	112	127	132	143	145	149
Police protection	(NA)	130	231	298	323	349	384	407	453
Fire protection	(NA)	84	137	167	184	196	217	226	249
School districts	735	1,189	2,032	2,428	2,623	2,882	3,160	3,380	3,637
Townships	118	80	122	166	192	200	215	237	255
Special districts		87	140	198	234	258	300	326	361
	Average October earnings (dol.)								
Full-time employees, State and local	399	493	697	790	847	899	961	1,020	1,078
Education	437	538	756	848	904	949	1,013	1,073	1,135
Other	368	462	642	737	796	853	912	972	1,027

NA Not available. [1] Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

No. 508. State and Local Government Employment (Full-Time Equivalent) and Payrolls, by Selected Function—States: 1977

[For October]

State	Employment (1,000)						October payroll (mil. dol.)					
	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare
	Total	Local schools only					Total	Local schools only				
U.S.	5,106.2	3,929.2	1,183.4	557.0	781.1	355.7	5,753.0	4,281.3	1,072.4	541.0	987.3	329.8
Ala.	83.4	58.9	28.1	14.3	11.0	4.2	78.1	50.3	23.0	9.2	10.5	3.9
Alaska	11.7	9.0	1.2	1.8	1.4	.7	21.4	15.5	1.8	3.2	2.7	.9
Ariz.	68.6	48.4	8.0	6.6	9.4	2.3	77.0	53.1	7.4	7.1	11.8	2.2
Ark.	50.4	38.1	12.1	7.7	5.2	2.0	42.0	29.3	8.0	5.5	4.2	1.6
Calif.	490.8	361.2	114.4	34.8	90.7	37.3	696.6	496.9	130.9	45.9	144.7	42.1
Colo.	76.4	53.8	12.2	7.7	9.4	3.9	82.6	55.9	12.4	8.5	11.2	3.8
Conn.	68.5	56.8	12.2	7.2	11.8	3.1	79.2	65.2	10.6	6.6	14.8	3.2
Del.	16.0	11.3	2.5	1.6	1.8	1.1	18.6	12.5	2.1	1.7	2.2	.9
D.C.	14.3	12.4	6.2	1.1	6.4	2.6	18.6	15.8	8.7	1.6	10.9	3.7
Fla.	189.0	150.8	58.1	20.1	35.9	9.5	194.9	145.5	49.1	18.0	41.6	8.0
Ga.	124.8	97.1	53.7	14.3	17.4	5.1	108.5	79.0	39.7	11.1	16.0	4.5
Hawaii	19.6	14.0	4.6	1.9	3.8	.9	26.5	18.3	4.8	2.1	5.1	.8
Idaho	22.3	16.6	3.8	3.1	2.8	1.3	20.9	14.8	3.1	3.1	2.6	1.3
Ill.	246.3	190.2	45.9	21.3	44.4	15.8	316.5	237.3	45.5	23.8	61.7	13.6
Ind.	127.2	96.2	27.4	12.0	16.3	6.9	138.9	97.0	22.0	9.4	15.7	5.0
Iowa	81.1	61.9	15.6	9.4	7.0	5.1	89.0	61.6	13.6	9.5	7.7	4.5
Kans.	65.2	46.2	12.6	9.6	7.5	3.0	63.8	41.9	9.4	8.0	7.0	2.7
Ky.	76.3	56.1	13.3	8.8	10.0	5.5	70.8	49.2	9.9	7.6	9.1	4.9
La.	100.8	80.3	23.4	12.0	13.1	5.6	94.7	73.2	16.8	9.6	11.6	4.6
Maine	26.9	21.5	2.7	5.0	3.3	1.1	24.1	18.9	2.3	4.2	3.0	1.0
Md.	107.9	78.6	23.6	9.9	17.5	5.7	131.6	98.9	22.3	9.4	20.9	5.9
Mass.	127.2	110.4	32.4	13.0	29.9	7.7	151.5	130.2	28.1	12.8	37.0	7.9
Mich.	234.1	177.9	44.5	16.6	30.8	15.3	305.1	225.0	47.2	19.2	46.1	17.6
Minn.	101.4	78.3	20.3	12.4	9.8	7.9	118.2	85.9	20.8	14.8	12.9	7.8
Miss.	58.8	42.9	18.7	9.0	6.5	3.2	49.1	32.8	11.5	5.7	5.4	2.2
Mo.	104.6	84.2	29.5	12.6	17.1	6.7	103.2	80.0	24.2	10.9	18.8	5.2
Mont.	21.2	17.0	3.1	3.6	2.4	1.4	23.9	18.1	2.7	3.9	2.4	1.2
Nebr.	43.1	31.8	9.8	5.7	4.4	3.0	39.5	28.4	7.5	4.9	4.8	2.4
Nev.	15.2	11.8	4.2	2.0	3.7	.8	15.7	11.4	4.4	2.4	4.8	.9
N.H.	18.6	14.3	2.9	3.6	2.9	2.7	17.1	13.0	2.3	4.5	2.9	1.9
N.J.	165.0	139.6	30.0	19.5	34.2	12.8	214.3	180.3	28.4	20.9	42.6	11.5
N. Mex.	38.0	26.5	5.6	4.0	4.3	1.5	35.7	24.0	4.5	3.7	4.2	1.1
N.Y.	353.1	293.6	145.8	47.0	77.7	48.7	492.6	416.3	149.7	48.5	132.8	45.6
N.C.	149.4	110.7	31.0	15.0	16.8	8.2	139.4	100.1	25.7	13.1	16.2	6.8
N. Dak.	17.1	12.5	2.2	2.5	1.4	1.0	19.1	13.4	1.8	2.3	1.5	.8
Ohio	225.1	177.1	44.8	23.1	33.6	17.2	246.4	186.8	39.5	22.8	40.7	13.6
Okla.	70.4	50.8	16.7	9.0	9.4	5.5	64.4	43.4	11.7	6.2	8.5	4.6
Oreg.	65.0	46.1	10.0	6.9	8.7	4.8	74.3	50.0	9.7	8.0	11.7	4.8
Pa.	216.2	187.5	38.4	30.7	36.6	30.6	228.3	190.0	39.8	31.0	46.5	27.8
R.I.	20.9	15.0	4.6	2.0	4.4	1.6	25.6	18.7	4.0	1.8	4.7	1.7
S.C.	72.3	53.0	24.3	7.2	8.3	4.8	64.3	43.3	18.9	5.2	7.0	3.7
S. Dak.	17.6	13.4	2.5	2.9	1.8	1.0	15.8	11.4	1.8	2.6	1.6	.8
Tenn.	93.7	70.9	29.0	13.3	14.8	6.5	83.7	61.5	20.4	9.1	13.6	4.8
Tex.	348.2	267.9	68.7	30.2	42.6	14.5	337.6	249.1	52.9	27.1	44.5	13.2
Utah	37.4	23.4	4.6	3.3	3.8	2.0	36.7	23.4	3.9	3.6	4.1	2.0
Vt.	12.9	9.4	1.5	2.1	1.3	.6	11.8	8.3	1.4	2.0	1.3	.6
Va.	140.2	108.7	26.2	16.0	15.8	6.2	136.7	99.1	21.2	13.1	16.1	5.2
Wash.	92.0	65.1	14.4	10.7	12.3	5.5	114.1	76.9	14.0	14.1	16.3	5.3
W. Va.	48.8	38.0	10.1	8.1	3.9	3.6	48.5	35.3	7.0	6.7	3.6	2.8
Wis.	120.0	83.7	22.7	12.6	15.0	7.0	134.2	87.6	21.3	12.9	18.3	6.4
Wyo.	11.3	8.1	3.2	2.0	1.4	.5	11.6	7.9	2.5	2.1	1.4	.4

Source: U.S. Bureau of the Census, *Public Employment in 1977*, series GE 77, No. 1.

No. 509. State and Local Government—Employment (Full-Time) and Salary, by Sex and Race/Ethnic Group: 1973 to 1976

[As of June 30. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 46 in 1974, and 48 in 1975 and 1976) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see p. xii]

Sex and race/ethnic group	Number employed (1,000)				Percent distribution				Median annual salary (dol.)			
	1973	1974	1975	1976	1973	1974	1975	1976	1973	1974	1975	1976
Total	3,809	3,984	3,899	4,369	100.0	100.0	100.0	100.0	8,568	9,146	9,827	10,367
Male	2,486	2,571	2,436	2,724	65.3	64.5	62.5	62.3	9,603	10,269	11,295	11,802
Female	1,322	1,412	1,464	1,645	34.7	35.5	37.5	37.7	7,030	7,523	8,178	8,649
White	3,115	3,209	3,102	3,490	81.8	80.5	79.6	79.9	8,844	9,408	10,167	10,718
Minority group, total [1]	693	775	797	880	18.2	19.5	20.4	20.1	7,464	8,051	8,788	9,248
Black	523	590	602	664	13.7	14.8	15.4	15.2	7,361	7,938	8,629	9,054
Hispanic [2]	125	138	147	165	3.3	3.5	3.8	3.8	7,429	7,985	8,872	9,429

[1] Includes other minority groups, not shown separately.
[2] Prior to 1976, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *Minorities and Women in State and Local Government*, annual.

No. 510. State and Local Government—Employment (Full-Time) and Salary, by Occupation, Sex, and Race/Ethnic Group: 1976

[As of June 30. See headnote, table 509]

Sex and ethnic/group	Total	Officials/ administrators	Professionals	Technicians	Protective service	Paraprofessionals	Office/ clerical	Skilled craft	Service/ maintenance
Number employed (1,000)									
Total	4,369	220	770	424	603	366	831	368	787
Male	2,724	177	455	283	565	119	126	351	647
Female	1,645	43	314	141	38	247	704	18	139
White	3,490	203	669	361	529	244	672	309	503
Minority group, total [1]	880	18	101	63	74	123	159	59	283
Black	664	12	65	47	55	104	114	40	228
Hispanic	165	4	17	12	16	15	34	16	49
Percent distribution									
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male	62.3	80.5	59.2	66.7	93.7	32.5	15.2	95.2	82.3
Female	37.7	19.5	40.8	33.3	6.3	67.5	84.8	4.8	17.7
White	79.9	92.0	86.9	85.0	87.8	66.5	80.9	84.0	64.0
Minority group, total [1]	20.1	8.0	13.1	15.0	12.2	33.5	19.1	16.0	36.0
Black	15.2	5.4	8.5	11.0	9.0	28.4	13.7	10.8	29.0
Hispanic	3.8	1.8	2.3	2.9	2.7	4.2	4.1	4.4	6.3
Median annual salary (dol.)									
Total	10,367	16,739	13,611	11,118	12,687	7,731	8,186	10,959	8,710
Male	11,802	17,847	14,990	12,244	12,915	8,673	9,382	11,142	9,140
Female	8,649	13,354	12,057	9,108	9,275	7,392	7,985	8,003	7,047
White	10,718	16,784	13,678	11,314	12,779	7,737	8,126	11,058	8,894
Minority group, total [1]	9,248	16,227	13,192	10,015	11,946	7,721	8,418	10,235	8,323
Black	9,054	16,212	12,666	9,740	11,730	7,649	8,438	9,940	8,210
Hispanic	9,429	15,303	13,433	10,537	12,528	8,167	8,057	10,517	8,621

[1] Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *Minorities and Women in State and Local Government*, annual.

No. 511. City Government Employment and Payrolls: 1950 to 1977

[For October. 1967 and 1972 based on complete count of all cities; other years based on sample and subject to sampling variation. Minus sign (–) denotes decrease]

Year	All employees, full-time and part-time (1,000)		October payroll (mil. dol.)		Average annual percent change [2]		Full-time equivalent employment (1,000)			Average earnings in October, full-time employees	
	Total	Excl. education	Total [1]	Excl. education [1]	All employees	Monthly payroll	Total [1]	Education	Other	Education	Other
1950	1,311	1,106	290	230	3.2	8.9	(NA)	(NA)	(NA)	(NA)	(NA)
1955	1,436	1,238	414	337	1.8	7.4	1,262	182	1,080	$422	$315
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	502	387
1965	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1967	1,993	1,633	972	769	2.9	9.0	1,715	306	1,410	664	546
1970	2,244	1,815	1,361	1,062	4.0	11.9	1,922	359	1,563	838	681
1971	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972	2,375	1,918	1,654	1,302	4.5	11.6	2,029	378	1,650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,782	1,130	972
1976	2,443	2,021	2,235	1,804	–2.5	5.0	2,107	360	1,747	1,207	1,035
1977	2,487	2,066	2,386	1,944	1.8	6.7	2,141	353	1,788	1,255	1,090

NA Not available. [1] Includes only those school systems operated as part of the general city government. [2] Represents average for period of intervals shown; for 1950, change from 1946.

No. 512. City Government Employment and Payrolls—All Cities and Cities with 50,000 Population or More: 1975 to 1977

[As of October]

Type of employment	Employees (1,000)						October payroll (mil. dol.)					
	All cities			Cities with 50,000 population or more			All cities			Cities with 50,000 population or more		
	1975	1976	1977	1975	1976	1977	1975	1976	1977	1975	1976	1977
Total	**2,506**	**2,443**	**2,487**	**1,630**	**1,572**	**1,605**	**2,130**	**2,235**	**2,386**	**1,612**	**1,668**	**1,770**
Full-time	2,038	2,012	2,047	1,450	1,407	1,428	2,031	2,141	2,285	1,551	1,610	1,710
Part-time	468	431	440	180	165	177	98	95	100	60	57	60
Full-time equivalent	**2,143**	**2,107**	**2,141**	**1,508**	**1,461**	**1,487**	(X)	(X)	(X)	(X)	(X)	(X)
Education [1]	376	360	353	312	290	288	425	431	442	363	358	375
Percent of total	18	17	16	21	20	19	20	19	19	23	21	21
Teachers	277	266	261	226	212	211	346	352	362	295	297	308
Others	99	94	93	86	78	78	78	79	80	68	67	68
Highways	129	124	128	65	61	63	109	113	122	62	62	67
Public welfare	42	40	41	41	38	39	36	39	41	34	37	39
Hospitals	128	123	122	94	90	86	108	109	112	87	86	85
Health	38	35	35	35	32	32	35	36	37	33	33	34
Police protection	349	347	355	224	217	224	384	407	453	272	282	314
Fire protection	184	183	187	126	124	126	217	226	249	162	166	179
Sewerage	55	55	57	28	28	29	46	51	55	27	29	31
Sanitation	108	107	110	66	64	67	88	92	96	62	63	65
Parks and recreation	104	102	109	73	73	79	84	88	97	61	65	72
Housing and urban renewal	35	36	39	31	32	35	35	40	43	32	36	39
Correction	16	17	18	15	16	17	18	20	22	17	20	21
Libraries	38	38	36	28	27	26	30	32	33	23	24	25
Financial administration	61	62	65	34	34	36	54	58	64	33	35	39
General control	105	103	100	62	63	59	101	110	108	66	73	69
Local utilities [2]	200	197	195	136	132	130	206	216	220	155	161	160
Water supply	92	92	94	51	51	52	81	87	93	50	53	56
Electric power	46	45	42	27	26	23	49	51	51	32	34	32
Transit	56	54	52	54	52	50	71	72	70	70	71	68
All other functions	175	178	190	139	141	150	155	168	190	125	135	154

X Not applicable. [1] City operated schools and colleges only. [2] Includes gas supply, not shown below.

Source of tables 511 and 512: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 513. City Government Employment and Payroll—Selected Large Cities: 1970 to 1977

[For October. Cities ranked by size of population as of July 1, 1975]

City	Full-time equivalent employment: Total (1,000)			Full-time equivalent employment: Per 10,000 population			October payroll (mil. dol.)			Average earnings in October, full-time employees (dol.)	
	1970	1975	1977	1970 [1]	1975 [2]	1977 [2]	1970	1975	1977	1970	1977
New York, N.Y. [3,4]	375	348	311	476	464	415	326	435	429	869	1,396
Chicago, Ill.	44	49	45	131	157	147	40	20	63	902	1,390
Los Angeles, Calif.	42	47	45	150	172	167	42	64	66	990	1,464
Philadelphia, Pa.	34	38	38	177	209	208	30	5	49	866	1,303
Detroit, Mich.	26	21	24	172	153	179	21	26	34	802	1,405
Houston, Tex.	10	14	16	81	107	97	7	13	17	679	1,057
Baltimore, Md. [3,4]	37	41	37	412	475	430	26	37	37	704	1,049
Dallas, Tex.	11	13	13	134	163	165	8	13	15	693	1,088
San Diego, Calif.	5	7	7	78	89	92	5	9	10	868	1,387
San Antonio, Tex.	8	11	11	128	143	148	5	10	11	648	1,001
Indianapolis, Ind. [5]	6	11	11	78	160	160	3	8	9	500	799
Washington, D.C. [3,4]	49	46	45	642	643	633	39	57	65	804	1,463
Honolulu, Hawaii	7	9	10	110	126	145	6	9	12	811	1,186
Milwaukee, Wis.	10	10	9	138	145	140	8	11	12	798	1,297
Phoenix, Ariz.	5	7	9	94	110	130	4	7	10	718	1,177
San Francisco, Calif.	20	22	22	285	324	326	19	27	29	945	1,333
Memphis, Tenn. [3]	24	22	25	387	328	373	15	20	25	618	984
Cleveland, Ohio	16	13	11	210	197	169	10	13	13	621	1,190
Boston, Mass.	25	25	25	382	390	391	18	27	34	753	1,345
New Orleans, La.	10	11	13	169	188	224	5	7	11	465	906
San Jose, Calif.	3	4	4	59	66	77	3	5	6	970	1,504
Columbus, Ohio	5	7	7	94	124	132	4	7	8	734	1,150
Jacksonville, Fla. [5]	6	10	11	115	194	204	4	9	11	716	986
St. Louis, Mo.	13	14	14	215	257	276	9	12	14	642	983
Seattle, Wash.	10	9	8	188	180	174	8	10	12	820	1,390
Denver, Colo.	9	12	12	173	252	252	6	13	15	710	1,205
Kansas City, Mo.	6	7	7	113	137	147	4	7	8	686	1,146
Pittsburgh, Pa.	7	6	6	135	121	125	5	5	6	679	1,116
Atlanta, Ga.	7	9	10	147	204	234	4	7	9	612	872
Nashville-Davidson, Tenn. [3]	14	18	18	319	425	420	9	15	17	632	954
Cincinnati, Ohio	[4] 13	[4] 17	8	297	421	184	[4] 9	[4] 17	6	[4] 648	1,137
Buffalo, N.Y. [3]	13	13	13	290	325	309	11	14	17	829	1,342
El Paso, Tex.	3	4	4	85	90	106	2	3	4	562	1,087
Minneapolis, Minn.	5	6	5	117	146	141	4	7	8	825	1,414
Omaha, Nebr.	3	4	3	75	98	86	2	3	4	662	1,112
Toledo, Ohio	4	4	4	98	105	104	3	4	5	823	1,331
Oklahoma City, Okla.	4	4	4	97	104	120	2	3	4	559	1,001
Miami, Fla.	4	4	4	126	100	121	3	5	5	804	1,164
Fort Worth, Tex.	4	4	5	100	122	134	3	4	4	647	933
Portland, Oreg.	5	5	4	121	132	122	4	6	6	790	1,467
Newark, N.J. [3]	16	18	18	407	542	515	12	17	18	814	1,053
Louisville, Ky.	[5] 6	6	6	161	166	181	[5] 4	5	5	[5] 672	878
Long Beach, Calif.	5	5	5	127	152	148	4	7	7	913	1,467
Tulsa, Okla.	3	3	4	83	98	106	2	3	3	621	930
Oakland, Calif.	4	4	5	102	132	147	4	6	7	953	1,522
Austin, Tex.	4	6	6	166	204	210	3	6	6	602	1,024
Tucson, Ariz.	2	4	4	94	150	145	2	4	5	697	1,088
Baton Rouge, La.	3	3	4	89	104	124	1	2	3	528	907
Norfolk, Va. [3]	10	12	11	309	401	381	6	9	7	590	892
Charlotte, N.C.	3	4	4	113	137	154	2	4	4	667	1,001
Tampa, Fla.	4	4	5	146	152	191	2	4	5	453	967
St. Paul, Minn.	3	3	3	89	120	120	2	4	5	874	1,391
Albuquerque, N. Mex.	3	4	4	107	137	145	2	3	4	654	1,054
Birmingham, Ala.	4	4	4	120	134	144	2	3	4	573	997
Rochester, N.Y. [3]	11	10	9	356	372	320	8	11	11	739	963
Wichita, Kans.	3	3	3	95	115	119	2	3	3	607	1,015
Sacramento, Calif.	3	3	3	112	131	127	2	4	4	824	1,348
Akron, Ohio	3	3	3	103	124	126	2	3	4	716	1,231
Jersey City, N.J. [3]	7	9	8	284	356	332	6	8	10	790	1,177

[1] Based on 1970 population.
[2] Based on 1975 population estimates. [3] Includes city operated elementary and secondary schools.
[4] Includes city operated university or college. [5] Represents city and county consolidated government.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.