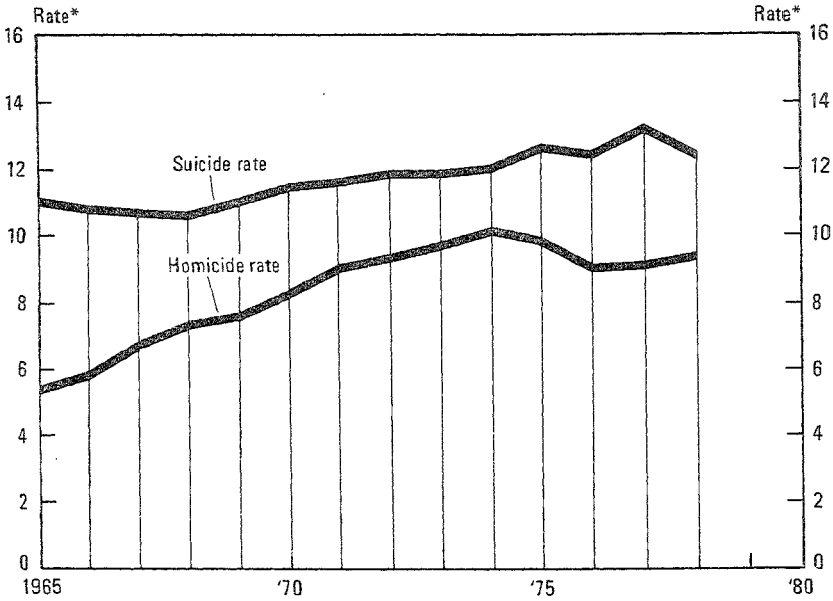
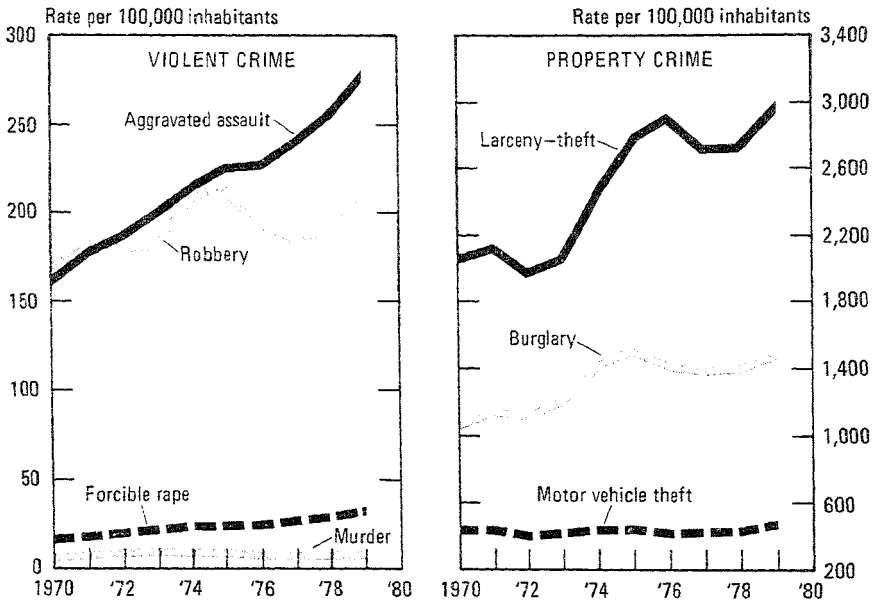


Figure 6.1  
**Homicide and Suicide Rates: 1965 to 1978**



\* Rate per 100,000 resident population.  
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 310.

Figure 6.2  
**Selected Crime Rates: 1970 to 1979**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.

# Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes committed and victims of crimes, arrests, law enforcement employment and expenditures, the legal profession, courts and judges, Federal court cases, State court cases, Federal and State prisoners, juveniles in court custody, and use of the death penalty. A major source of data on these subjects is the Bureau of Justice Statistics (BJS), formerly the Law Enforcement Assistance Administration. BJS issues several reports, including *Sourcebook of Criminal Justice Statistics*, *Criminal Victimization in the United States*, *Prisoners in State and Federal Institutions*, *Children in Custody*, *National Survey of Court Organization*, and *Capital Punishment*. In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Federal Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Uniform Crime Reports for the United States*, issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director and Court Management Statistics*, issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment*, issued annually by the Bureau of the Census; and the *Statistical Report*, issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts. Data on lawyers and law firms are compiled by the American Bar Foundation, Chicago, Illinois, and the Bureau of the Census, respectively.

**Legal jurisdiction and law enforcement.**—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or Federal officers while engaged in their official duties, or unless they occur in Federal territories or reservations or on the high seas. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first, covering investigation of crimes and arrest of persons suspected of committing them, involves municipal, county, and State police; sheriffs, constables, marshals, and Federal agents; and many kinds of special officers. The second phase is prosecution of those charged with crime to judge whether they are legally guilty or innocent. The agencies concerned include courts; justices of the peace; municipal, State, and Federal juries; and prosecuting court officers. The third phase is concerned with the punishment or treatment of persons convicted of crime. While the courts usually determine the sentence after conviction, the penalty is enforced by the detention facility, or by probation or parole officials.

**Crime.**—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 98 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of offenses that become known to them in the following seven crime categories—murder and nonnegligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. These categories are the basis of the FBI Crime Index and are defined as follows: *Murder and nonnegligent manslaughter*, which is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on persons arrested for all criminal offenses, by age, sex, and race of the offender, and on assaults on law enforcement officers. Annual reports provide an accounting of the number of persons formally charged and their disposition. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime is provided by BJS through the National Crime Survey conducted by the Bureau of the Census. This survey, based on representative samples of households, is designed to elicit information about experiences, if any, with selected crimes of violence and theft. The survey, conducted nationally on a continuous basis, focuses on victims of crime. The results, published in a series of *Criminal Victimization* reports, present types of crime, rates of victimization, characteristics of victims, victim-offender relationship (stranger-nonstranger), incident characteristics, and whether or not police were notified about the incident.

**Courts.**—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters and proceedings in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 95 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, the Northern Mariana Islands and Guam. Ap-

peals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Juvenile offenders.**—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

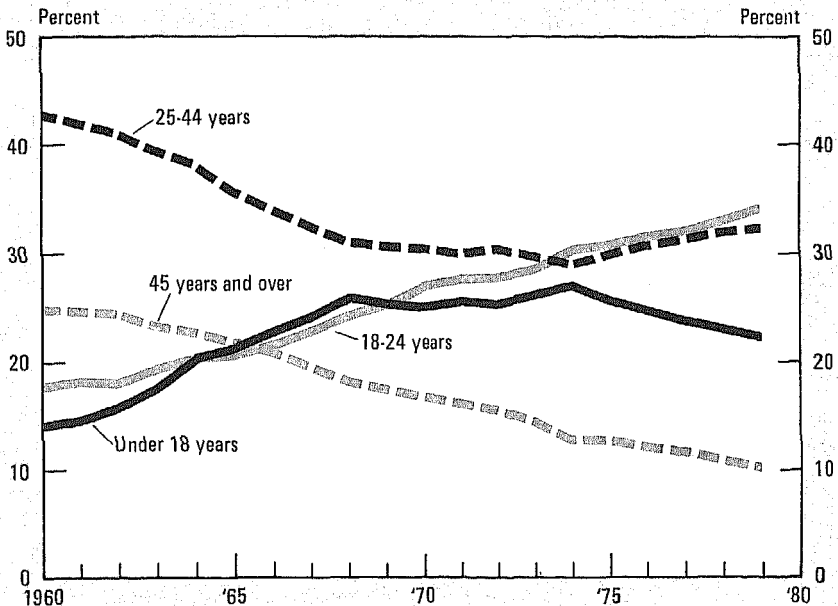
Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. This broad definition includes conduct which violates the law only when committed by children (e.g., ungovernable behavior); such offenses are termed "juvenile offenses." Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment (e.g., a shelter or halfway house) to the long-term very restrictive atmosphere (e.g., a training school).

**Prisoners.**—Statistics of prisoners have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, 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 6.3

**Persons Arrested — Percent by Age: 1960 to 1979**

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 320.



## NO. 302. CRIMES AND CRIME RATES, BY TYPE: 1967 TO 1979

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. Minus sign (-) denotes decrease. For definitions of crimes, see text, p. 180. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder <sup>1</sup>	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny-theft	Motor vehicle theft
<b>Number of offenses: (1,000)</b>										
1967.....	5,903	500	12.2	27.6	203	257	5,404	1,632	3,112	660
1968.....	6,720	595	13.8	31.7	263	287	6,125	1,859	3,483	784
1969.....	7,410	662	14.8	37.2	299	311	6,749	1,982	3,889	879
1970.....	8,098	739	16.0	38.0	350	335	7,359	2,205	4,226	928
1971.....	8,588	817	17.8	42.3	388	369	7,772	2,399	4,424	948
1972.....	8,249	835	18.7	46.9	376	393	7,414	2,376	4,151	887
1973.....	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974.....	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975.....	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976.....	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977.....	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978.....	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979.....	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
<b>Average annual percent change:</b>										
1967-1970.....	11.1	13.9	9.5	11.3	19.9	9.2	10.8	10.6	10.7	12.0
1971-1975.....	7.0	5.9	3.6	7.3	4.6	7.1	7.1	7.9	7.8	1.4
1976-1978.....	-7	3.8	2.1	8.8	(z)	6.6	-1.2	3	-2.3	1.8
1978-1979.....	9.1	11.0	9.7	13.2	12.0	10.1	8.9	6.3	9.9	10.6
<b>Rate per 100,000 inhabitants:</b>										
1967.....	2,990	253	6.2	14.0	103	130	2,737	827	1,576	334
1968.....	3,370	298	6.9	15.9	132	144	3,072	932	1,747	393
1969.....	3,680	329	7.3	18.5	148	155	3,351	984	1,931	436
1970.....	3,985	364	7.9	16.7	172	165	3,821	1,085	2,079	457
1971.....	4,165	396	8.6	20.5	188	179	3,769	1,164	2,146	460
1972.....	3,961	401	9.0	22.5	181	189	3,560	1,141	1,994	426
1973.....	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974.....	4,850	461	9.8	26.2	209	216	4,369	1,438	2,490	462
1975.....	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976.....	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977.....	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978.....	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979.....	5,521	535	9.7	34.5	212	279	4,986	1,499	2,988	498
<b>Average annual percent change:</b>										
1967-1970.....	10.1	12.9	8.4	10.1	18.6	8.3	9.8	9.5	9.7	11.0
1971-1975.....	6.1	5.0	2.9	6.4	3.8	6.1	6.2	7.0	6.9	.5
1976-1978.....	-1.5	3.0	1.2	8.0	-1.2	5.7	-1.9	-6	-3.0	1.0
1978-1979.....	8.1	10.0	7.8	12.0	10.9	9.1	7.9	5.3	8.9	9.6

Z Less than .5 percent. <sup>1</sup> Includes nonnegligent manslaughter.

## NO. 303. CRIMES KNOWN TO THE POLICE, BY TYPE AND AREA: 1978 AND 1979

[In thousands, except rate. Estimated totals based on reports from city and rural law enforcement agencies representing 95 percent of the national population. Covers crimes constituting "FBI Crime Index"; for definitions of crimes, see text, p. 180. SMSA represents all agencies within Standard Metropolitan Statistical Area]

TYPE OF CRIME	1978						1979					
	SMSA's <sup>1</sup>		Other cities		Rural areas		SMSA's <sup>1</sup>		Other cities		Rural areas	
	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>
<b>Total.....</b>	<b>9,356</b>	<b>5,870</b>	<b>1,130</b>	<b>4,364</b>	<b>655</b>	<b>1,998</b>	<b>10,168</b>	<b>6,313</b>	<b>1,255</b>	<b>4,949</b>	<b>730</b>	<b>2,168</b>
<b>Violent crime.....</b>	<b>931</b>	<b>584</b>	<b>74</b>	<b>285</b>	<b>57</b>	<b>175</b>	<b>1,032</b>	<b>641</b>	<b>84</b>	<b>330</b>	<b>63</b>	<b>187</b>
Murder and nonnegligent manslaughter.....	16	10	1	5	2	6	18	11	1	6	3	7
Forcible rape.....	58	37	4	16	5	14	66	41	5	18	5	15
Robbery.....	397	249	13	50	7	21	445	276	15	58	7	22
Aggravated assault.....	459	288	56	214	43	132	503	312	63	248	48	143
<b>Property crime.....</b>	<b>8,426</b>	<b>5,286</b>	<b>1,056</b>	<b>4,079</b>	<b>598</b>	<b>1,823</b>	<b>9,136</b>	<b>5,673</b>	<b>1,171</b>	<b>4,619</b>	<b>667</b>	<b>1,980</b>
Burglary.....	2,593	1,627	267	1,032	245	746	2,752	1,709	288	1,134	260	771
Larceny-theft.....	4,943	3,101	728	2,812	313	953	5,400	3,353	816	3,218	361	1,072
Motor vehicle theft.....	890	559	61	235	41	124	983	611	68	266	46	137

<sup>1</sup> For definition, see text, Appendix II. <sup>2</sup> Rate per 100,000 population; see headnote, table 302.

Source of tables 302 and 303: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

NO. 304. CRIME RATES, BY TYPE—STATES: 1978 AND 1979

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. For definitions of crimes, see text, p. 180]

STATE	MURDER AND NON-NEGLIGENT MAN-SLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRAVATED ASSAULT		BURGLARY—BREAKING OR ENTERING		LARCENY—THEFT		MOTOR VEHICLE THEFT	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
U.S. <sup>1</sup>	9.0	9.7	30.8	34.5	191.3	212.1	256	279	1,424	1,499	2,744	2,988	455	499
N.E.	3.6	3.5	18.1	22.1	133.2	158.7	203	234	1,407	1,515	2,418	2,839	796	834
Maine	2.7	2.8	11.1	11.9	32.9	31.8	161	156	1,241	1,148	2,436	2,719	253	238
N.H.	1.4	2.4	9.4	17.1	28.3	28.6	82	92	1,160	1,199	2,483	2,915	306	325
Vt.	3.3	1.4	14.6	22.9	14.4	28.6	134	131	1,281	1,578	2,165	3,200	214	337
Mass.	3.7	3.7	22.6	24.8	172.3	203.2	263	300	1,515	1,605	2,768	2,637	1,096	1,145
R.I.	4.0	3.2	11.0	15.2	98.2	109.7	235	247	1,393	1,550	2,714	3,051	807	793
Conn.	4.2	4.2	17.2	24.1	154.8	193.3	139	193	1,362	1,548	2,598	3,114	655	703
M.A.	8.0	9.0	24.7	27.1	309.5	353.2	244	258	1,372	1,458	2,342	2,554	544	602
N.Y.	10.3	11.9	29.1	30.6	472.1	529.6	330	345	1,651	1,747	2,629	2,836	672	705
N.J.	5.4	6.6	23.6	27.8	192.6	250.0	202	217	1,456	1,602	2,767	3,022	561	696
Pa.	6.2	6.2	18.7	21.6	136.7	152.2	140	154	900	935	1,643	1,838	341	389
E.N.C.	7.9	8.5	27.6	32.1	173.9	177.7	211	232	1,190	1,258	2,784	3,026	441	482
Ohio	6.9	8.1	27.4	31.8	182.6	194.8	196	223	1,215	1,287	2,530	2,946	402	439
Ind.	6.2	8.3	27.0	31.1	121.4	132.7	169	166	1,108	1,170	2,496	2,661	411	433
Ill.	9.9	10.7	23.8	29.4	205.0	198.0	227	243	1,139	1,189	2,902	2,962	511	537
Mich.	10.6	9.1	39.6	44.5	219.3	219.6	308	341	1,444	1,508	3,037	3,423	526	602
Wis.	2.5	3.4	14.5	16.1	49.9	60.5	65	86	846	949	2,672	3,006	230	267
W.N.C.	5.1	5.4	20.3	23.1	100.7	112.5	150	171	1,077	1,133	2,450	2,684	288	317
Minn.	2.0	2.3	19.9	21.5	85.1	92.5	83	105	1,094	1,113	2,536	2,730	325	329
Iowa	2.6	2.2	10.4	11.0	46.9	50.2	102	118	871	922	2,713	2,929	235	270
Mo.	10.4	11.2	28.0	33.6	184.0	210.9	246	271	1,345	1,447	2,346	2,555	369	411
N. Dak.	1.2	1.5	8.9	8.2	15.6	9.9	41	42	423	461	1,767	2,071	148	182
S. Dak.	1.9	2.0	10.9	16.4	15.9	20.3	135	120	600	626	1,766	2,000	160	174
Nebr.	3.0	4.1	18.3	21.5	64.9	73.5	104	127	747	814	2,287	2,681	217	273
Kans.	5.7	5.5	25.0	26.4	93.7	102.3	194	219	1,287	1,330	2,691	2,939	248	274
S.A. <sup>1</sup>	10.9	11.8	33.2	37.0	170.3	196.6	343	364	1,443	1,551	2,864	3,142	317	355
Del.	6.7	5.7	20.4	27.8	145.5	129.4	268	374	1,624	1,528	3,793	3,966	497	495
Md.	8.2	9.8	35.6	39.4	309.6	331.2	379	415	1,422	1,510	3,235	3,502	425	488
Va.	6.8	8.6	22.7	27.1	97.1	111.6	158	154	991	1,083	2,567	2,731	229	247
W. Va.	6.8	6.8	14.7	15.5	46.3	43.9	100	102	648	637	1,278	1,318	176	202
N.C.	10.8	10.7	18.4	20.3	65.9	77.2	318	338	1,184	1,287	2,093	2,406	201	223
S.C.	11.5	12.6	35.4	34.3	101.3	107.6	489	524	1,499	1,506	2,484	2,586	276	296
Ga.	14.4	17.1	37.9	43.3	166.3	213.7	264	285	1,476	1,594	2,458	2,848	357	416
Fla.	11.0	12.2	46.1	51.6	206.0	249.4	503	521	1,979	2,154	3,397	4,268	369	432
E.S.C.	10.9	11.1	25.3	26.9	106.3	116.1	200	203	1,073	1,141	1,709	1,897	272	293
Ky.	9.0	9.5	20.7	20.4	81.3	92.1	112	126	885	910	1,665	1,770	251	256
Tenn.	9.4	9.8	30.6	34.5	152.4	166.1	190	204	1,214	1,295	1,766	1,937	328	367
Ala.	13.3	13.2	25.5	27.5	99.1	109.5	261	263	1,229	1,287	1,988	2,223	303	320
Miss.	12.6	12.6	21.8	21.7	70.2	70.7	217	219	846	974	1,236	1,497	152	167
W.S.C.	13.2	15.1	34.9	40.7	147.7	173.9	247	282	1,447	1,602	2,743	2,860	393	471
Ark.	9.1	9.1	23.1	27.3	80.0	74.6	232	255	967	984	1,951	2,077	200	194
La.	15.8	16.9	34.8	38.6	173.7	219.4	361	401	1,276	1,397	2,570	2,878	362	408
Okl.	8.5	9.7	31.0	33.0	88.3	102.6	225	260	1,300	1,475	2,126	2,396	351	427
Texas	14.2	16.7	37.9	45.1	164.4	191.8	219	254	1,612	1,791	3,065	3,082	444	544
Mt.	7.8	7.9	38.2	41.6	131.4	139.8	275	300	1,623	1,620	3,629	3,944	409	430
Mont.	4.8	4.2	15.8	20.6	36.8	33.1	180	166	786	803	2,585	3,122	307	311
Idaho	5.4	5.4	19.2	20.6	40.0	43.3	172	219	1,038	1,075	2,496	2,605	244	272
Wyo.	7.1	9.1	23.6	27.6	48.1	42.2	202	272	836	964	3,036	3,246	343	363
Colo.	7.3	5.8	49.6	53.1	159.2	157.0	282	306	1,870	1,794	3,977	4,253	484	481
N. Mex.	10.2	12.4	42.7	46.9	111.6	121.0	364	406	1,336	1,482	3,003	3,364	314	357
Ariz.	9.4	8.9	44.2	45.7	162.9	175.7	336	363	2,083	1,997	4,505	4,775	464	493
Utah.	3.7	4.8	22.9	27.9	66.5	77.7	179	194	1,187	1,179	3,166	3,673	334	336
Nev.	15.5	17.5	53.9	59.5	359.5	407.5	352	351	2,659	2,820	4,245	4,471	602	704
Pac.	10.1	11.0	48.1	51.8	261.9	262.0	342	376	2,073	2,065	3,530	3,780	625	668
Wash.	4.6	4.8	41.2	46.4	125.0	120.7	234	263	1,767	1,784	3,549	3,877	395	435
Oreg.	5.0	4.2	41.2	44.4	131.1	130.6	325	368	1,617	1,610	3,561	3,832	395	386
Calif.	11.7	13.0	50.8	53.9	306.1	333.8	374	410	2,193	2,187	3,489	3,733	691	738
Alaska	12.9	13.3	55.6	71.9	91.3	109.6	282	296	1,339	1,383	3,604	3,713	662	616
Hawaii	6.7	7.2	25.9	32.3	173.6	164.5	64	66	1,938	1,807	4,358	4,435	571	715

<sup>1</sup> Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

**NO. 305. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES: 1970 TO 1979**

[Offenses known to the police per 100,000 population. For types of violent crime, see table 306. Rates based on population of cities as estimated by FBI using Bureau of the Census estimates as of July 1, of each year. Minus sign (—) denotes decrease]

CITY-SIZE GROUP AND CITY	1979, city population (1,000)	1970	1974	1975	1976	1977	1978	1979	ANNUAL PERCENT CHANGE		
									1970- 1975	1976- 1978	1978- 1979
Cities with population of—											
250,000 or more.....	(x)	980	1,108	1,159	1,095	1,070	1,121	1,238	3.4	1.2	10.4
100,000-249,999.....	(x)	450	600	632	573	600	627	702	7.0	4.7	12.0
50,000-99,999.....	(x)	274	406	451	416	444	486	526	10.5	8.4	8.2
25,000-49,999.....	(x)	214	331	343	336	342	364	420	9.9	3.9	15.4
10,000-24,999.....	(x)	159	250	268	254	264	276	315	11.0	4.4	14.1
Fewer than 10,000.....	(x)	141	218	232	216	230	245	279	10.5	6.7	13.9
Selected cities:											
Baltimore, Md.....	791	2,088	1,961	1,862	1,648	1,726	1,875	1,963	-2.3	6.9	4.7
New York, N.Y.....	7,109	1,381	1,615	1,781	1,781	1,629	1,694	1,862	5.2	-2.5	9.9
San Francisco, Calif.....	659	1,339	1,135	1,364	1,618	1,409	1,596	1,675	.4	-7	4.9
Detroit, Mich.....	1,286	1,934	2,004	2,121	2,226	1,829	1,669	1,670	1.9	-12.5	—
Cleveland, Ohio.....	801	1,060	1,358	1,576	1,323	1,475	1,578	1,619	8.3	9.7	2.6
Washington, D.C.....	656	2,227	1,603	1,774	1,481	1,427	1,412	1,609	-4.5	-2.4	14.0
Los Angeles, Calif.....	2,863	1,062	1,069	1,114	1,167	1,209	1,320	1,515	1.0	6.6	14.8
Dallas, Tex.....	882	966	866	885	815	1,019	1,134	1,298	-1.7	19.6	14.2
Chicago, Ill.....	3,061	1,101	1,282	1,180	978	935	897	909	1.4	-4.2	1.3
Houston, Tex.....	1,620	799	732	650	545	577	730	878	-4.0	17.0	20.3
Philadelphia, Pa.....	1,757	571	871	867	684	635	656	827	8.7	-2.1	26.1
Indianapolis, Ind.....	514	704	709	925	838	744	727	813	5.6	-6.6	11.8
San Diego, Calif.....	829	285	473	502	532	560	567	656	12.0	3.3	15.7
San Antonio, Tex.....	889	497	624	549	436	491	422	493	2.0	-1.9	16.8
Milwaukee, Wis.....	645	211	402	475	413	396	391	471	17.6	-2.7	20.5

— Represents zero. X Not applicable.

**NO. 306. CRIME RATES, BY TYPE—POPULATION GROUPS AND SELECTED CITIES: 1979**

[Offenses known to the police per 100,000 population. For definitions of crimes, see text, p. 180]

CITY-SIZE GROUP <sup>1</sup> AND CITY	Crime index total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der	Forc- ible rape	Rob- bery	Aggra- vated assault	Total	Bur- glary— break- ing or enter- ing	Larceny— theft	Motor vehic- le theft
<b>Total, 12,329 agencies.....</b>	<b>5,660</b>	<b>555</b>	<b>10.1</b>	<b>36</b>	<b>223</b>	<b>286</b>	<b>5,105</b>	<b>1,539</b>	<b>3,052</b>	<b>514</b>
<b>Total, 8,454 cities.....</b>	<b>6,622</b>	<b>668</b>	<b>11.2</b>	<b>41</b>	<b>294</b>	<b>323</b>	<b>5,954</b>	<b>1,725</b>	<b>3,601</b>	<b>627</b>
Cities with population of—										
250,000 or more.....	8,456	1,238	23.1	71	668	475	7,218	2,336	3,828	1,054
100,000-249,999.....	7,827	701	11.4	50	282	358	7,125	2,114	4,356	655
50,000-99,999.....	6,661	525	7.2	37	194	288	6,135	1,773	3,769	594
25,000-49,999.....	5,963	420	5.8	27	134	254	5,543	1,477	3,607	459
10,000-24,999.....	4,890	315	4.5	18	78	216	4,674	1,187	3,139	349
Fewer than 10,000.....	4,504	279	4.0	15	47	212	4,225	1,021	2,939	266
Suburbs, 5,163 agencies <sup>2</sup> .....	4,833	356	5.6	25	99	225	4,477	1,303	2,794	381
Rural areas, 2,838 agencies.....	2,270	194	7.6	16	23	148	2,076	803	1,130	143
Selected cities:										
San Francisco, Calif.....	10,732	1,675	17.0	101	1,016	542	9,057	2,618	5,149	1,290
Dallas, Tex.....	10,628	1,298	34.8	111	505	647	9,330	2,997	5,443	890
Baltimore, Md.....	9,324	1,963	31.0	71	1,072	788	7,361	2,139	4,367	856
Los Angeles, Calif.....	9,032	1,515	27.4	88	714	685	7,518	2,596	3,549	1,373
Detroit, Mich.....	8,795	1,670	35.9	109	907	619	7,125	2,598	2,620	1,708
Houston, Tex.....	8,752	878	40.4	91	575	171	7,874	3,022	3,335	1,517
New York, N.Y.....	8,736	1,862	24.4	55	1,161	622	6,874	2,506	3,106	1,262
San Diego, Calif.....	8,693	656	11.6	40	348	256	8,038	2,406	4,730	902
Cleveland, Ohio.....	8,646	1,619	45.6	102	958	514	7,027	2,412	2,364	2,251
Washington, D.C.....	8,602	1,609	27.4	75	1,055	452	6,993	2,051	4,393	550
Indianapolis, Ind.....	8,631	813	17.9	85	400	310	6,018	1,664	3,683	672
San Antonio, Tex.....	8,631	493	20.6	44	204	224	6,138	1,990	3,568	560
Chicago, Ill.....	6,101	909	28.0	54	473	354	5,192	1,091	3,074	1,027
Milwaukee, Wis.....	5,948	471	9.8	44	247	171	5,477	1,325	3,498	655
Philadelphia, Pa.....	4,699	827	21.9	48	503	255	3,872	1,193	1,927	752

<sup>1</sup> See headnote, table 305. <sup>2</sup> Agencies also included in other city groups.

Source of tables 305 and 306: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 307. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS: 1975 TO 1978

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see Appendix III]

YEAR AND CRIME	Total <sup>1</sup>	White	Black	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
				Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Stranger	Non-stranger
<b>1975: Total <sup>2</sup></b> .....	<b>33</b>	<b>31</b>	<b>43</b>	<b>44</b>	<b>42</b>	<b>53</b>	<b>23</b>	<b>21</b>	<b>34</b>	<b>21</b>	<b>11</b>
Rape.....	1	1	1	(b)	(b)	(b)	2	2	2	1	(z)
Robbery:											
With injury.....	2	2	5	3	3	8	1	1	3	2	(z)
Without injury.....	5	4	9	7	6	14	3	2	5	4	1
Aggravated assault.....	10	9	14	14	14	19	5	5	11	6	3
Simple assault.....	16	16	13	20	21	12	12	12	14	9	7
Personal larceny.....	96	97	90	108	108	110	85	87	73	(NA)	(NA)
<b>1977: Total <sup>2</sup></b> .....	<b>34</b>	<b>33</b>	<b>42</b>	<b>46</b>	<b>45</b>	<b>57</b>	<b>22</b>	<b>22</b>	<b>29</b>	<b>21</b>	<b>13</b>
Rape.....	1	1	1	(b)	(b)	(b)	2	2	2	1	(b)
Robbery:											
With injury.....	2	2	5	3	3	8	1	1	3	2	1
Without injury.....	4	4	8	6	5	12	3	2	5	3	1
Aggravated assault.....	10	10	14	15	15	20	5	4	9	6	4
Simple assault.....	17	17	14	22	23	18	12	12	11	10	7
Personal larceny.....	97	98	90	108	108	105	87	89	78	(NA)	(NA)
<b>1978: Total <sup>2</sup></b> .....	<b>34</b>	<b>33</b>	<b>41</b>	<b>46</b>	<b>45</b>	<b>54</b>	<b>23</b>	<b>22</b>	<b>30</b>	<b>21</b>	<b>12</b>
Rape.....	1	1	2	(b)	(b)	(b)	2	1	4	1	(z)
Robbery:											
With injury.....	2	2	3	3	2	4	1	1	2	1	(z)
Without injury.....	4	3	8	6	5	13	2	2	4	3	1
Aggravated assault.....	10	9	13	15	14	20	5	5	8	6	3
Simple assault.....	17	18	14	22	23	16	12	12	11	10	7
Personal larceny.....	97	98	90	106	106	102	89	90	80	(NA)	(NA)

<sup>1</sup> B Estimated number of victimizations too small to be statistically reliable.

NA Not available.

Z Less than .5.

<sup>2</sup> Includes races not shown separately.

<sup>3</sup> Excludes personal larceny.

## NO. 308. VICTIMIZATION RATES OF CRIMES AGAINST HOUSEHOLDS: 1975 to 1978

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source. For definitions of crimes, see text, p. 180]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
<b>1975: All households.....</b>	<b>92</b>	<b>87</b>	<b>129</b>	<b>125</b>	<b>126</b>	<b>114</b>	<b>19</b>	<b>19</b>	<b>27</b>
Homeowner.....	78	76	99	116	115	118	16	15	27
Renter.....	116	109	153	142	148	111	26	26	27
Households with income of—									
Under \$7,500.....	102	94	134	112	113	98	15	14	15
\$7,500–\$14,999.....	84	80	129	137	137	135	22	20	42
\$15,000 and over.....	91	90	113	136	136	151	23	22	48
<b>1977: All households.....</b>	<b>89</b>	<b>84</b>	<b>122</b>	<b>123</b>	<b>124</b>	<b>116</b>	<b>17</b>	<b>16</b>	<b>21</b>
Homeowner.....	74	72	102	113	112	116	14	13	23
Renter.....	115	110	139	142	148	116	23	24	20
Households with income of—									
Under \$7,500.....	102	94	129	109	110	103	12	13	8
\$7,500–\$14,999.....	86	81	134	135	134	142	17	16	28
\$15,000 and over.....	84	83	104	135	136	130	22	20	56
<b>1978: All households.....</b>	<b>86</b>	<b>83</b>	<b>115</b>	<b>120</b>	<b>120</b>	<b>121</b>	<b>18</b>	<b>17</b>	<b>21</b>
Homeowner.....	71	70	85	108	107	118	14	13	20
Renter.....	114	110	139	143	146	122	25	25	23
Households with income of—									
Under \$7,500.....	100	93	129	107	107	104	12	12	14
\$7,500–\$14,999.....	83	80	106	128	128	136	20	19	28
\$15,000 and over.....	80	79	103	132	132	134	20	20	26

<sup>1</sup> Includes other races not shown separately.

Source of tables 307 and 308: U.S. Law Enforcement Assistance Administration, *Criminal Victimization in the United States*, annual.

### NO. 309. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS AND HOUSEHOLDS, BY TYPE: 1973 TO 1978

[Rate per 1,000 persons, 12 years old and over; and per 1,000 households. Data based on National Crime Survey; see Appendix III; for further detail see source. For definition of crimes, see text, p. 180. Minus sign denotes decrease]

SECTOR AND TYPE OF CRIME	VICTIMIZATION RATE						PERCENT CHANGE IN VICTIMIZATION RATE				
	1973	1974	1975	1976	1977	1978	1973-1978	1974-1978	1975-1978	1976-1978	1977-1978
<b>Personal sector—</b>											
Violent crime.....	32.6	33.0	32.8	32.6	33.9	33.7	3.6	2.2	2.7	3.5	-.5
Rape.....	1.0	1.0	.9	.8	.9	1.0	2.1	-1.0	.6	15.5	9.0
Robbery.....	6.7	7.2	6.8	6.5	6.2	5.9	-12.6	-18.0	-12.9	-8.8	-5.3
Assault.....	24.9	24.8	25.2	25.3	26.8	26.9	8.0	8.1	6.6	6.3	.2
Aggravated.....	10.1	10.4	9.6	9.9	10.0	9.7	-3.8	-6.7	.8	-1.7	-2.9
Simple.....	14.8	14.4	15.6	15.4	16.8	17.2	16.0	18.8	10.3	11.4	2.1
Larceny—thft.....	91.1	95.1	96.0	96.1	97.3	96.8	6.2	1.7	.8	.7	-.5
With contact.....	3.1	3.1	3.1	2.9	2.7	3.1	1.6	.3	1.0	8.0	17.7
Without contact.....	88.0	92.0	92.9	93.2	94.6	93.8	6.4	1.8	.8	.5	-1.0
<b>Household sector—</b>											
Household burglary.....	91.7	93.1	91.7	88.9	88.5	86.0	-6.2	-7.7	-6.2	-3.3	-2.9
Household larceny.....	107.0	123.8	125.4	124.1	123.3	119.9	12.1	-3.1	-4.4	-3.3	-2.7
Motor vehicle theft.....	19.1	18.8	19.5	18.5	17.0	17.5	-8.2	-7.0	-10.1	6.3	3.2

Source: U.S. Law Enforcement Assistance Administration, *Criminal Victimization in the United States: Summary Findings of 1977-78 Changes in Crime and Trends Since 1973*, October 1978.

### NO. 310. HOMICIDE VICTIMS AND SUICIDES, BY RACE AND SEX: 1950 TO 1978

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

YEAR	HOMICIDE VICTIMS					SUICIDES				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
<b>NUMBER</b>										
1950.....	7,942	2,586	852	3,503	901	17,145	12,755	3,713	542	135
1955.....	7,418	2,439	922	3,191	866	16,760	12,430	3,662	531	137
1960.....	8,464	2,832	1,154	3,437	1,041	19,041	13,825	4,296	714	206
1965.....	10,712	3,660	1,379	4,488	1,185	21,507	14,624	5,718	866	299
1968.....	14,686	5,106	1,700	6,417	1,463	21,372	14,520	5,692	859	301
1969.....	15,477	5,215	1,801	6,951	1,510	22,364	14,866	6,152	971	355
1970.....	16,848	5,665	1,938	7,413	1,632	23,460	15,591	6,468	1,038	383
1971.....	18,787	6,455	2,106	8,357	1,889	24,092	15,802	6,775	1,058	457
1972 <sup>1</sup> .....	19,638	6,820	2,156	8,822	1,840	25,004	16,476	6,788	1,292	448
1973.....	20,465	7,411	2,575	8,429	2,050	25,118	16,823	6,589	1,285	421
1974.....	21,465	7,992	2,656	8,755	2,062	25,683	17,263	6,660	1,332	428
1975.....	21,310	8,222	2,751	8,331	2,006	27,063	18,206	6,967	1,416	474
1976.....	19,554	7,568	2,547	7,574	1,865	26,832	17,996	6,858	1,497	481
1977.....	19,968	7,951	2,787	7,404	1,826	28,681	19,531	7,048	1,578	524
1978.....	20,432	8,429	2,771	7,409	1,823	22,294	16,619	6,631	1,569	475
<b>RATE<sup>2</sup></b>										
1950.....	5.2	3.8	1.4	44.2	10.9	11.3	19.0	5.5	6.8	1.6
1955.....	4.5	3.4	1.2	38.0	9.3	10.2	17.1	4.9	6.0	1.5
1960.....	4.7	3.6	1.4	34.3	9.8	10.6	17.6	5.3	7.1	1.9
1965.....	5.5	4.4	1.6	40.4	10.0	11.1	17.5	6.6	7.8	2.5
1968.....	7.4	6.0	1.9	55.1	11.6	10.7	17.0	6.4	7.4	2.4
1969.....	7.7	6.1	2.0	58.7	11.7	11.1	17.3	6.8	8.2	2.7
1970.....	8.3	6.7	2.1	61.4	12.4	11.5	17.9	7.1	8.6	2.9
1971.....	9.1	7.3	2.3	67.7	13.9	11.7	17.9	7.3	8.6	3.4
1972 <sup>1</sup> .....	9.4	7.7	2.3	70.1	13.4	12.0	18.5	7.3	10.3	3.3
1973.....	9.8	8.3	2.8	65.8	14.6	12.0	18.8	7.0	10.0	3.0
1974.....	10.2	8.9	2.8	67.1	14.5	12.1	19.2	7.1	10.2	3.0
1975.....	10.0	9.1	2.9	62.6	13.8	12.7	20.1	7.4	10.6	3.3
1976.....	9.1	8.3	2.7	55.8	12.5	12.5	19.8	7.2	11.0	3.2
1977.....	9.2	8.7	2.9	53.6	12.0	13.3	21.4	7.3	11.4	3.5
1978.....	9.4	9.2	2.9	52.6	11.8	12.5	20.2	6.9	11.1	3.1

<sup>1</sup> Based on a 50-percent sample of deaths. <sup>2</sup> Rate based on enumerated population figures of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## No. 311. HOMICIDE AND SUICIDE RATES, SELECTED COUNTRIES: 1975 TO 1978

[Homicide rates per 100,000 population of all ages, suicide rates per 100,000 population 15 years old and over]

COUNTRY	HOMICIDES								SUICIDES							
	Male				Female				Male				Female			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
U.S.....	16.0	14.5	14.6	(NA)	4.4	4.0	4.2	(NA)	25.5	24.9	26.5	(NA)	8.9	8.6	8.8	(NA)
Australia.....	2.1	2.5	2.4	(NA)	1.2	1.6	1.5	(NA)	20.9	21.7	21.9	(NA)	9.5	7.9	8.4	(NA)
Austria.....	2.1	1.4	1.4	1.6	1.3	1.1	1.3	1.2	47.4	43.6	45.3	47.2	17.6	17.0	18.8	17.8
Belgium.....	1.3	1.0	(NA)	(NA)	.5	.9	(NA)	(NA)	27.4	28.4	(NA)	(NA)	14.6	14.4	(NA)	(NA)
Canada.....	3.6	(NA)	3.5	(NA)	1.8	(NA)	1.7	(NA)	24.5	(NA)	28.3	(NA)	9.2	(NA)	9.6	(NA)
Denmark.....	.5	.6	.7	.6	.7	.8	.7	.4	38.8	39.2	39.9	36.0	23.6	22.6	22.6	23.7
Finland.....	5.8	(NA)	(NA)	(NA)	1.6	(NA)	(NA)	(NA)	52.6	(NA)	(NA)	(NA)	13.2	(NA)	(NA)	(NA)
France.....	1.3	1.2	(NA)	(NA)	.7	.6	(NA)	(NA)	30.0	29.8	(NA)	(NA)	11.5	11.5	(NA)	(NA)
Germany, Fed. Rep.....	1.4	1.4	1.4	1.4	1.0	1.1	1.0	1.1	35.8	37.2	38.3	37.7	18.2	18.5	19.5	18.4
Greece.....	1.2	.9	.8	1.1	.4	.4	.5	.3	4.6	5.0	6.2	5.5	2.6	2.3	2.6	2.0
Ireland.....	1.3	(NA)	(NA)	(NA)	.6	(NA)	(NA)	(NA)	9.7	(NA)	(NA)	(NA)	4.1	(NA)	(NA)	(NA)
Israel <sup>1</sup> .....	1.7	1.9	2.2	2.2	.8	.9	.7	1.0	13.8	14.9	12.5	9.9	10.0	8.8	7.0	6.9
Japan.....	1.6	1.5	1.5	1.3	1.0	1.0	1.0	.9	28.5	28.2	29.3	29.2	18.9	18.3	17.9	17.3
Netherlands.....	1.0	1.0	1.2	1.0	.4	.6	.6	.6	14.5	15.8	15.2	14.5	9.3	9.3	9.0	10.7
Norway.....	.9	.9	1.2	1.0	.5	.6	.4	.5	18.6	21.1	22.2	22.7	7.2	7.3	7.6	7.7
Philippines.....	2.5	(NA)	(NA)	(NA)	.3	(NA)	(NA)	(NA)	1.7	(NA)	(NA)	(NA)	1.4	(NA)	(NA)	(NA)
Poland.....	1.3	1.7	1.7	1.7	.8	.8	.9	.9	25.6	27.1	27.8	30.0	4.8	5.2	5.2	5.4
Portugal.....	3.4	(NA)	(NA)	(NA)	.5	(NA)	(NA)	(NA)	18.9	(NA)	(NA)	(NA)	5.5	(NA)	(NA)	(NA)
Puerto Rico.....	29.3	(NA)	(NA)	(NA)	3.5	(NA)	(NA)	(NA)	20.7	(NA)	(NA)	(NA)	3.6	(NA)	(NA)	(NA)
Spain.....	1.0	(NA)	(NA)	(NA)	.3	(NA)	(NA)	(NA)	8.3	(NA)	(NA)	(NA)	2.7	(NA)	(NA)	(NA)
Sweden.....	1.5	1.5	1.6	1.4	.8	1.0	.8	.6	35.2	33.6	35.6	33.1	13.8	14.1	13.9	14.7
Switzerland.....	1.0	.9	1.0	.8	.9	.9	.7	.7	42.3	41.4	43.5	43.5	16.4	15.9	17.9	17.8
Un. Kingdom:																
England <sup>2</sup> .....	1.2	1.2	1.0	(NA)	.8	1.0	.8	(NA)	12.0	12.8	12.9	(NA)	7.6	7.5	7.9	(NA)
No. Ireland.....	20.8	24.2	25.0	(NA)	2.3	3.3	3.9	(NA)	6.8	7.9	7.1	(NA)	3.6	4.6	5.6	(NA)
Scotland.....	2.1	2.9	2.8	1.9	.9	1.1	1.1	1.1	12.1	13.3	13.1	14.5	9.6	8.7	8.4	7.8

NA Not available. <sup>1</sup> Jewish population. <sup>2</sup> Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

## No. 312. HOMICIDE VICTIMS AND SUICIDES: 1960 TO 1978

[Beginning 1970, excludes deaths of nonresidents of the United States. Prior to 1970, causes of death classified according to seventh revision of *International Classification of Diseases*, thereafter, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

ITEM	1960, total	1965 total	1970		1975		1976		1977		1978	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>Homicides.....</b>	<b>8,464</b>	<b>10,712</b>	<b>13,278</b>	<b>3,570</b>	<b>16,553</b>	<b>4,757</b>	<b>15,142</b>	<b>4,412</b>	<b>15,355</b>	<b>4,613</b>	<b>15,838</b>	<b>4,594</b>
Assault by—												
Firearms <sup>1</sup> .....	4,627	6,158	9,209	2,004	11,729	2,566	10,452	2,314	10,520	2,354	10,997	2,389
Percent of total.....	54.7	57.5	69.4	56.1	70.9	53.9	69.0	52.4	68.5	51.0	69.4	52.0
Cutting and piercing instruments.....	1,836	2,292	2,229	551	2,598	764	2,583	721	2,747	795	2,729	783
Other means.....	1,700	1,984	1,512	1,010	1,897	1,420	1,818	1,372	1,821	1,462	1,854	1,414
Intervention of police.....	245	271	328	5	329	7	289	5	266	2	257	8
Execution.....	56	7	—	—	—	—	—	—	1	—	1	—
<b>Infanticides<sup>2</sup>.....</b>	<b>199</b>	<b>213</b>	<b>80</b>	<b>70</b>	<b>102</b>	<b>76</b>	<b>88</b>	<b>82</b>	<b>96</b>	<b>81</b>	<b>82</b>	<b>79</b>
<b>Suicides.....</b>	<b>19,041</b>	<b>21,507</b>	<b>16,629</b>	<b>6,851</b>	<b>19,622</b>	<b>7,441</b>	<b>19,493</b>	<b>7,339</b>	<b>21,109</b>	<b>7,572</b>	<b>20,188</b>	<b>7,106</b>
Firearms <sup>1</sup> .....	9,017	9,898	9,704	2,068	12,185	2,688	12,128	2,600	13,342	2,742	12,830	2,557
Percent of total.....	47.4	46.0	58.4	30.2	62.1	36.1	62.2	35.4	63.2	36.2	63.6	36.0
Poisoning <sup>3</sup> .....	4,330	5,995	3,299	3,285	3,297	3,129	3,076	3,068	3,340	3,147	3,105	2,912
Hanging and strangulation <sup>4</sup> .....	3,366	3,197	2,422	831	2,815	846	2,834	855	2,982	848	2,759	753
Other.....	2,328	2,417	1,204	667	1,325	778	1,455	816	1,445	835	1,494	884

— Represents zero. <sup>1</sup> Includes explosives. <sup>2</sup> Included above; homicide victims under 1 year of age. <sup>3</sup> Includes solids, liquids, and gases. <sup>4</sup> Includes suffocation.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## NO. 313. U.S. SUICIDE RATES, BY SEX, RACE, AND AGE GROUPS: 1970 TO 1978

[Rates per 100,000 population in specified group, 5 years old and over. Excludes deaths of nonresidents of U.S.]

AGE	MALE								FEMALE							
	White				Black and other				White				Black and other			
	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978
All ages.....	18.0	20.1	21.4	20.2	8.5	10.6	11.4	11.1	7.1	7.4	7.3	6.9	2.9	3.3	3.5	3.1
5-14 years.....	.5	.8	1.0	.7	.2	.1	.4	.4	.1	.2	.2	.2	.2	.2	.2	.2
15-24 years.....	13.9	19.6	22.9	20.8	11.3	14.4	15.5	14.8	4.2	4.9	5.5	5.0	4.1	3.9	4.0	3.2
25-34 years.....	19.9	24.4	26.7	25.8	19.8	24.6	25.7	23.7	9.0	8.9	9.3	8.5	5.8	6.5	6.8	5.6
35-44 years.....	23.3	24.5	24.7	22.5	12.6	16.0	16.0	17.0	13.0	12.6	11.2	10.9	4.3	4.9	5.1	4.7
45-54 years.....	29.5	29.7	27.3	24.7	14.1	12.8	11.7	13.2	13.5	13.8	13.6	12.1	4.5	4.5	5.2	4.6
55-64 years.....	35.0	32.1	30.9	29.3	10.5	11.5	13.3	10.5	12.3	11.7	11.2	10.3	2.2	4.1	4.4	3.8
65 and over.....	41.1	39.4	41.3	40.8	10.8	11.8	12.2	12.1	8.5	8.5	8.3	7.9	3.6	3.0	2.3	3.1

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## NO. 314. MURDER VICTIMS, BY WEAPONS USED OR CAUSE: 1970 TO 1979

[Based solely on police investigation. See text, p. 180, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH							
		Guns		Cutting or stabbing		Blunt object <sup>1</sup>	Strangulations, beatings	Arson	All other <sup>2</sup>
		Total	Percent	Total	Percent				
1970.....	13,849	9,039	66.2	2,424	17.8	604	1,031	<sup>a</sup> 353	198
1972.....	15,832	10,379	65.6	2,974	18.8	672	1,291	<sup>a</sup> 331	185
1973.....	17,123	11,249	65.7	2,985	17.4	848	1,445	173	423
1974.....	18,632	12,474	67.9	3,228	17.3	976	1,417	153	384
1975.....	18,642	12,061	65.8	3,245	17.4	1,001	1,646	193	496
1976.....	16,805	10,592	63.8	2,956	17.8	806	1,330	227	694
1977.....	18,033	11,274	62.5	3,440	19.1	849	1,431	252	787
1978.....	18,714	11,910	63.6	3,526	18.8	896	1,422	<sup>a</sup> 255	705
1979.....	20,591	13,040	63.3	3,954	19.2	997	1,557	276	767

<sup>1</sup> Refers to club, hammer, etc. <sup>2</sup> Includes poison, explosives, unknown, and not stated; for 1973 to 1978, includes drownings. <sup>a</sup> Includes drownings etc.

## NO. 315. PERCENT OF FIREARMS USAGE IN SELECTED CRIMES, BY REGION: 1975 TO 1979

[For definitions of crimes, see text, p. 180. For regions, see fig. 1. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
U.S. total.....	65.8	62.5	63.6	63.3	24.9	23.2	22.4	23.0	44.8	41.6	40.3	39.7
Northeast.....	51.3	50.8	51.7	52.7	17.6	15.1	14.1	14.9	32.7	30.9	29.9	30.5
North Central.....	70.7	65.7	67.2	64.9	28.5	25.6	23.3	23.8	52.7	48.6	46.5	42.6
South.....	72.7	69.3	69.5	64.7	29.2	26.9	26.9	27.3	53.4	48.0	47.7	47.7
West.....	59.0	56.0	57.2	58.0	22.3	22.5	21.8	23.1	44.4	43.0	43.1	41.9

Source of tables 314 and 315: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 316. POLITICAL ASSASSINATIONS AND ASSAULTS: 1835 TO 1972

[Rates per 1 million population. Assault defined as any attack on persons holding political office or any individuals or groups of individuals for political reasons. For composition of regions, see fig. 1, inside front cover]

REGION	Number	Rate	PERIOD	Number	Rate	PERIOD	Number	Rate
U.S., 1835-1968.....	82	(x)						
Northeast.....	7	.02	1835-1864.....	3	(z)	1835-1944.....	4	.03
Southeast.....	27	.16	1865-1894.....	43	.03	1945-1954.....	11	.07
North Central.....	11	.03	1895-1924.....	12	(z)	1955-1972.....	6	.03
South Central.....	25	.13	1925-1934.....	3	.02			
West.....	10	.10						

X Not applicable. Z Less than .005 percent. <sup>1</sup> Includes 5 Congressmen shot in 1954 in a single attack. Source: National Commission on the Causes and Prevention of Violence, *Task Force Report on Assassinations, 1969*, and unpublished data.

## NO. 317. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1960 TO 1979

[Covers officers killed in line of duty; beginning 1972, includes Federal officers. For composition of divisions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total killed</b> .....	<b>48</b>	<b>83</b>	<b>146</b>	<b>157</b>	<b>176</b>	<b>179</b>	<b>185</b>	<b>140</b>	<b>123</b>	<b>146</b>	<b>162</b>
By felons .....	(NA)	53	100	116	134	132	129	111	93	93	106
In accidents .....	(NA)	30	46	41	42	47	56	29	30	53	56
New England .....	3	3	2	2	7	2	4	4	2	4	2
Middle Atlantic .....	7	10	29	22	21	18	24	15	12	13	19
East North Central .....	9	10	38	23	21	43	32	19	10	13	22
West North Central .....	3	3	6	12	6	8	8	11	14	11	5
South Atlantic .....	13	15	23	38	37	42	31	34	31	23	36
East South Central .....	2	9	5	12	13	12	18	14	11	16	22
West South Central .....	6	14	15	27	30	23	22	21	21	30	18
Mountain .....	-	7	4	7	16	9	14	4	3	7	14
Pacific .....	5	12	24	12	21	18	22	13	15	25	18
Puerto Rico .....	(NA)	(NA)	(NA)	2	4	4	8	4	1	4	4

- Represents zero, NA Not available. <sup>1</sup>Includes one officer each in Virgin Islands and Guam. <sup>2</sup>Includes one officer in Colombia. <sup>3</sup>Includes one officer in Virgin Is. and 2 FBI agents accidentally killed. <sup>4</sup>Includes 2 officers in Guam.

## NO. 318. SELECTED CRIMES, BY TYPE: 1979

TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1978 <sup>1</sup>	Incidence, 1979				Change from 1978 <sup>1</sup>	Incidence, 1979	
<b>Robbery, total</b> <sup>2</sup> .....	<b>453</b>	<b>13.2</b>	<b>100.0</b>	<b>532</b>	<b>Larceny— theft, total</b> <sup>2</sup> .....	<b>6,259</b>	<b>9.3</b>	<b>100.0</b>	<b>256</b>
Highway .....	224	18.7	49.4	355	Pocket picking .....	70	10.1	1.1	190
Commercial house .....	65	14.3	14.4	698	Purse snatching .....	90	5.4	1.4	129
Gas station .....	17	-23.5	3.8	346	Shoplifting .....	697	6.7	11.1	59
Chain store .....	32	16.4	7.2	476	From motor vehicles .....	1,079	10.3	17.2	299
Residence .....	48	7.1	10.7	824	Motor vehicle accessories .....	1,210	11.2	19.3	155
Bank .....	8	32.7	1.7	3,613	Bicycles .....	675	10.8	10.8	109
<b>Burglary, total</b> .....	<b>3,143</b>	<b>6.1</b>	<b>100.0</b>	<b>644</b>	From buildings .....	1,032	7.3	16.5	391
Residence .....	1,999	4.5	63.6	678	From coin-operated machines .....	57	-1.6	.9	95
Nonresidence .....	1,144	9.0	36.4	585					

<sup>1</sup> Minus sign (-) denotes decrease. <sup>2</sup> Includes types not shown separately.

## NO. 319. OFFENSES, CLEARANCES, AND ARRESTS, BY TYPE OF CRIME: 1970 TO 1977

[Covers crimes constituting "FBI Crime Index." Excludes pending cases]

ITEM	Unit	VIOLENT CRIMES					PROPERTY CRIMES				
		1970	1974	1975	1976	1977	1970	1974	1975	1976	1977
Cities represented .....	Number .....	2,221	1,496	2,198	2,559	1,847	2,221	1,496	2,198	2,559	1,847
FBI estimated population .....	Mil .....	60	32	33	35	30	60	32	33	35	30
Offenses known .....	1,000 .....	209	173	145	116	114	2,716	1,744	1,792	1,740	1,475
Offenses cleared .....	1,000 .....	101	85	72	66	60	479	340	334	334	284
Percent cleared .....	Percent .....	48.2	48.9	49.8	56.6	52.9	17.6	19.5	18.6	19.2	19.3
Total arrests .....	1,000 .....	89	58	59	50	45	472	314	325	315	272
Per 100 offenses .....	Rate .....	42.7	33.3	40.5	42.9	39.4	17.4	18.0	18.1	18.1	18.5
Persons charged .....	1,000 .....	83	55	56	47	43	406	282	298	284	247
Per 100 offenses .....	Rate .....	39.7	31.5	38.4	40.7	37.6	15.0	16.2	16.6	16.3	16.8
Guilty as charged .....	1,000 .....	20	13	14	15	13	119	83	92	95	81
Per 100 offenses .....	Rate .....	9.6	7.4	10.0	12.5	11.5	4.4	4.8	5.1	5.5	5.5
Guilty of lesser offenses .....	1,000 .....	7	5	3	3	3	16	10	8	9	8
Per 100 offenses .....	Rate .....	3.4	2.7	2.2	2.7	2.9	.6	.5	.4	.5	.5
Acquitted or dismissed .....	1,000 .....	18	12	12	10	9	47	34	33	34	25
Per 100 offenses .....	Rate .....	8.7	7.1	8.0	8.7	7.9	1.7	1.9	1.9	1.9	1.7
Referred to juvenile court .....	1,000 .....	16	9	9	8	7	154	102	113	102	91
Per 100 offenses .....	Rate .....	7.5	5.1	6.4	6.6	6.3	5.7	5.8	6.3	5.9	6.2

Source of tables 317-319: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.



## NO. 320. PERSONS ARRESTED—RACE, SEX, AND AGE: 1970 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979
Agencies reporting.....	Number.....	5,208	6,114	5,914	5,222	7,993	10,058	10,864	11,852	11,689
Population represented.....	Mil.....	142	151	145	124	169	173	197	207	204
Persons arrested <sup>1</sup> .....	1,000.....	6,257	6,707	6,248	5,853	7,671	7,384	8,972	9,688	9,468
White.....	1,000.....	4,373	4,664	4,459	4,112	5,539	5,337	6,429	6,793	6,849
Percent of total.....	Percent.....	69.9	69.5	71.4	70.3	72.2	72.3	71.7	70.1	72.3
Black.....	1,000.....	1,688	1,848	1,636	1,562	1,935	1,870	2,308	2,562	2,343
Other.....	1,000.....	196	195	153	179	197	177	235	333	276
SEX AND AGE										
Agencies reporting.....	Number.....	5,270	6,195	6,004	5,208	8,051	10,119	10,904	11,872	11,758
Population represented.....	Mil.....	152	160	155	134	179	175	198	207	205
Persons arrested <sup>1</sup> .....	1,000.....	6,570	7,013	6,500	6,179	8,014	7,912	9,029	9,775	9,506
Male.....	1,000.....	5,624	5,956	5,502	5,185	6,752	6,672	7,581	8,227	8,011
Percent of total.....	Percent.....	85.6	84.9	84.6	83.9	84.3	84.3	84.0	84.2	84.3
Percent under 18 yr.....	Percent.....	23.2	23.3	24.4	26.4	25.5	23.3	22.5	22.0	21.3
Female.....	1,000.....	947	1,057	998	994	1,262	1,240	1,448	1,548	1,495
Percent of total.....	Percent.....	14.4	15.1	15.4	16.1	15.7	15.7	16.0	15.8	15.7
Percent under 18 yr.....	Percent.....	37.5	38.4	37.6	36.1	35.5	33.5	32.2	30.4	29.4
Under 18 years.....	1,000.....	1,661	1,794	1,717	1,683	2,078	1,973	2,170	2,279	2,143
Percent of total.....	Percent.....	25.3	25.6	26.4	27.2	25.9	24.9	24.0	23.3	22.5
18-24 years.....	1,000.....	1,785	1,958	1,869	1,888	2,482	2,517	2,920	3,257	3,279
25-34 years.....	1,000.....	1,128	1,270	1,179	1,140	1,546	1,589	1,887	2,111	2,106
35-44 years.....	1,000.....	887	884	768	664	870	857	970	1,037	983
45-54 years.....	1,000.....	685	681	597	500	644	604	665	669	600
55 and over.....	1,000.....	425	413	360	299	386	367	409	412	395

<sup>1</sup> Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

## NO. 321. PERSONS ARRESTED BY CHARGE, SEX, AND AGE: 1975 AND 1979

[In thousands, except percent. Represents arrests reported by 8,688 agencies with a total of 1979 population of 179,932,000 as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1975	1979		1975	1979		Male		Female	
		Total	Under 18 yr.		Total	Under 18 yr.	1975	1979	1975	1979
Total persons arrested <sup>1</sup> .....	6,744.1	6,854.8	1,482.7	1,266.8	1,274.2	381.8	24.4	21.6	34.6	30.0
Serious crimes <sup>2</sup> .....	1,562.7	1,522.3	607.1	376.5	376.6	136.2	43.7	39.9	40.2	36.2
Murder <sup>3</sup> .....	14.5	13.3	1.3	2.7	2.2	.2	10.3	9.7	6.2	7.5
Forcible rape.....	22.4	25.6	4.2	.2	.2	.1	17.8	16.4	26.1	27.1
Robbery.....	124.4	106.6	34.1	9.4	8.6	2.6	34.3	32.0	36.1	30.0
Aggravated assault.....	182.4	200.6	31.1	27.5	28.7	5.4	16.8	15.5	20.9	18.9
Burglary—breaking or entering.....	433.3	382.9	187.4	24.9	26.1	13.1	52.2	48.9	50.3	50.3
Larceny— <i>theft</i> .....	657.9	664.3	285.6	301.5	297.8	107.7	47.1	43.0	41.0	36.2
Motor vehicle theft.....	114.7	114.9	56.3	8.6	11.2	6.4	53.5	49.0	57.9	57.0
Arson.....	13.1	14.1	7.2	1.7	1.8	.8	53.3	50.7	43.5	42.0
All other:										
Other assaults.....	306.6	327.3	57.4	49.2	52.4	14.9	17.9	17.5	30.1	28.5
Forgery and counterfeiting.....	41.8	42.6	6.3	16.8	19.0	2.6	12.7	14.7	12.7	13.6
Fraud.....	99.4	116.8	5.2	61.9	77.2	1.9	3.4	4.5	2.5	2.5
Embezzlement.....	6.7	4.8	.7	3.1	1.7	.2	7.8	14.1	4.3	11.9
Stolen property <sup>4</sup> .....	91.9	84.5	28.8	11.1	10.2	2.6	32.7	34.1	25.5	27.4
Weapons (carrying, possessing).....	122.8	118.8	20.2	10.6	9.4	1.3	16.5	17.0	12.5	13.6
Prostitution and commercialized vice.....	13.2	24.0	1.1	37.9	45.5	1.9	4.5	4.4	4.8	4.1
Sex offenses <sup>5</sup> .....	47.5	51.1	9.4	3.9	4.5	.7	20.3	18.8	28.5	16.3
Drug abuse violations.....	452.8	405.6	82.9	72.4	60.7	16.6	23.4	20.4	28.6	27.3
Gambling.....	47.2	36.7	1.3	4.4	3.7	.1	3.7	3.6	2.3	1.6
Offenses against family and children.....	49.7	37.0	1.4	6.0	4.5	.9	7.1	3.8	33.3	19.4
Driving while intoxicated.....	864.6	977.3	23.2	75.1	94.4	2.6	1.9	2.4	1.8	2.8
Liquor laws.....	229.1	295.4	97.6	37.8	51.1	27.2	36.5	33.0	56.3	53.2
Drunkenness.....	1,111.7	877.8	33.7	85.2	69.5	5.4	3.3	3.8	6.5	7.8
Disorderly conduct.....	453.4	445.1	82.9	115.3	74.8	17.9	21.4	18.6	17.3	24.0
Vagrancy.....	28.4	24.5	3.7	6.2	7.6	.9	15.7	15.0	13.0	11.7
All other offenses, except traffic.....	879.5	1,666.9	208.0	162.5	205.8	50.5	24.0	17.8	33.6	24.5

<sup>1</sup> Includes curfew violators and runaways. <sup>2</sup> Includes arson arrests, a newly established index offense in 1979.

<sup>3</sup> Includes nonnegligent manslaughter. <sup>4</sup> Buying, receiving, possessing. <sup>5</sup> Excludes forcible rape and prostitution, shown separately.

Source of tables 320 and 321: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 322. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1979

[Represents arrests (not charges) reported by 11,758 agencies with a total 1979 population of 205 million as estimated by FBI]

PERSONS ARRESTED, BY CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr.	Under 18 yr.	18- 24 yr.	25- 44 yr.	45- 54 yr.	55- 64 yr.	65 and over
<b>Total arrests</b> .....	<b>9,506</b>	<b>84.3</b>	<b>7.0</b>	<b>22.5</b>	<b>34.5</b>	<b>32.5</b>	<b>6.3</b>	<b>3.1</b>	<b>1.0</b>
<b>Serious crimes</b> <sup>1</sup> .....	<b>2,163</b>	<b>80.5</b>	<b>14.3</b>	<b>38.8</b>	<b>32.9</b>	<b>22.9</b>	<b>3.1</b>	<b>1.5</b>	<b>.7</b>
Murder and nonnegligent manslaughter.....	18	86.3	1.1	9.3	34.9	43.6	7.2	3.3	1.7
Forcible rape.....	29	99.2	3.7	15.9	39.8	39.1	3.4	1.2	.4
Robbery.....	131	92.6	8.1	31.5	42.9	23.8	1.2	.4	.1
Aggravated assault.....	257	87.6	4.2	15.5	34.4	40.5	6.1	2.5	.9
Burglary <sup>2</sup> .....	468	93.7	17.5	48.6	34.4	15.3	1.1	.3	.1
Larceny-theft.....	1,098	69.7	16.6	40.4	30.6	22.2	3.6	2.0	1.1
Motor vehicle theft.....	144	91.1	12.7	49.2	33.2	15.7	1.3	.4	.1
Arson.....	18	88.7	28.5	49.0	24.2	21.6	3.4	1.3	.5
<b>All other:</b>									
Other assaults.....	451	86.4	6.2	18.7	34.1	39.1	5.4	2.0	.6
Forgery and counterfeiting.....	71	69.1	2.4	14.0	40.3	41.1	3.5	.9	.2
Fraud.....	243	59.6	.6	3.4	32.3	55.7	6.1	1.9	.5
Embezzlement.....	8	74.7	2.3	12.6	34.4	43.9	6.7	1.7	.3
Stolen property <sup>3</sup> .....	108	89.3	9.5	33.1	38.3	24.6	2.6	1.0	.3
Vandalism.....	239	91.6	25.9	54.2	27.9	15.3	1.6	.6	.2
Weapons (carrying, etc.).....	153	92.6	3.8	16.4	36.7	37.7	5.7	2.5	.9
Prostitution and commercialized vice.....	83	32.5	.4	4.0	58.1	33.3	2.9	1.3	.4
Sex offenses <sup>4</sup> .....	63	92.2	8.7	18.2	29.5	39.9	7.3	3.6	1.4
Drug abuse violations.....	519	86.5	3.2	22.0	50.0	26.0	1.3	.4	.1
Gambling.....	51	90.5	.5	4.1	18.3	44.7	17.5	10.6	4.7
Offenses against family and children.....	53	90.1	2.1	4.8	31.2	56.1	6.0	1.5	.4
Driving while intoxicated.....	1,232	91.3	(2)	2.4	31.5	47.0	11.7	5.8	1.6
Liquor laws.....	387	85.3	2.7	36.0	47.8	11.5	2.6	1.4	.5
Drunkenness.....	1,090	92.7	.4	4.2	27.5	41.9	15.1	8.7	2.6
Disorderly conduct.....	712	84.6	4.5	17.6	41.1	32.2	5.5	2.6	.9
Vagrancy.....	35	77.5	3.6	14.3	40.2	34.6	6.4	3.4	1.1
Suspicion.....	18	85.5	8.0	27.1	40.9	27.2	2.9	1.2	.5
Curfew, loitering (juveniles).....	78	78.0	25.2	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles).....	153	41.6	40.8	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic.....	1,596	85.2	5.5	18.5	37.6	35.2	5.6	2.2	.7

X Not applicable. Z Less than .05 percent. <sup>1</sup>Includes arson arrests, a newly established index offense in 1979. <sup>2</sup>Breaking or entering. <sup>3</sup>Buying, receiving, possessing. <sup>4</sup>Excludes forcible rape and prostitution, shown separately.

## NO. 323. PERSONS ARRESTED BY CHARGE, AND RACE: 1979

[In thousands. Represents arrests (not charges) reported by 11,689 agencies with a total 1979 population 204 million as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other	PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other
<b>Total</b> <sup>1</sup> .....	<b>9,468</b>	<b>6,849.2</b>	<b>2,342.7</b>	<b>275.7</b>	<b>All other—Con.:</b>				
<b>Serious crimes</b> <sup>2</sup> .....	<b>2,154</b>	<b>1,405.7</b>	<b>697.2</b>	<b>50.5</b>	Stolen property <sup>4</sup> .....	107	71.0	34.3	1.6
Murder and nonnegligent manslaughter.....	18	9.0	8.7	.5	Weapons (carrying, etc.).....	152	92.9	55.0	4.3
Forcible rape.....	29	14.6	13.9	.6	Prostitution and commercialized vice.....	83	37.8	43.7	1.5
Robbery.....	131	53.5	74.3	2.8	Sex offenses <sup>3</sup> .....	62	48.3	12.6	1.5
Aggravated assault.....	256	155.8	94.6	5.5	Drug abuse violations.....	516	396.1	112.7	7.3
Burglary <sup>2</sup> .....	464	322.5	133.0	8.6	Gambling.....	51	14.1	34.5	2.2
Larceny-theft.....	1,094	735.7	330.3	28.0	Offenses against family and children.....	53	33.4	18.7	.9
Motor vehicle theft.....	143	100.2	38.9	4.1	Driving, intoxicated.....	1,224	1,048.2	151.2	24.8
Arson.....	18	14.5	3.5	.3	Liquor laws.....	386	347.4	25.3	13.0
<b>All other:</b>					Drunkenness.....	1,090	876.1	181.5	32.4
Other assaults.....	449	293.8	144.3	10.8	Disorderly conduct.....	710	466.7	210.7	32.5
Forgery and counterfeiting.....	70	47.0	22.6	.8	Vagrancy.....	35	21.4	12.3	.9
Embezzlement, fraud.....	250	170.0	76.9	2.6	Other, except traffic.....	1,591	1,083.0	430.5	77.4

<sup>1</sup>Includes curfew violators and runaways. <sup>2</sup>Includes arson arrest. <sup>3</sup>Breaking or entering. <sup>4</sup>Buying, receiving, possessing. <sup>5</sup>See footnote 4, table 322.

Source of tables 322 and 323: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

### NO. 324. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1970 TO 1978

[Expenditures are for fiscal years closing during the 12 months ending June 30. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
	1970	1974	1975	1976	1977	1978	Total <sup>1</sup> (1,000)			Rate <sup>2</sup>		
							1970	1975	1978	1970	1975	1978
<b>All governments.....</b>	<b>8,571</b>	<b>14,954</b>	<b>17,249</b>	<b>19,681</b>	<b>21,574</b>	<b>24,091</b>	<b>775</b>	<b>1,051</b>	<b>1,152</b>	<b>38.0</b>	<b>49.3</b>	<b>52.8</b>
Police.....	5,080	8,512	9,788	11,028	11,865	13,104	489	625	656	24.0	29.3	30.1
Judicial.....	1,190	1,798	2,068	2,428	2,638	3,040	96	132	149	4.7	6.2	6.8
Legal services.....	442	771	933	1,048	1,225	1,469	38	55	70	1.9	2.6	3.2
Public defense.....	102	245	280	331	404	523	3	6	8	.2	.3	.4
Corrections.....	1,706	3,240	3,843	4,366	4,934	5,516	148	225	266	7.3	10.5	12.2
<b>Federal Government.....</b>	<b>978</b>	<b>1,961</b>	<b>2,189</b>	<b>2,450</b>	<b>2,779</b>	<b>3,090</b>	<b>59</b>	<b>96</b>	<b>104</b>	<b>2.9</b>	<b>4.5</b>	<b>4.8</b>
Police.....	589	1,222	1,461	1,612	1,765	1,952	40	69	74	1.9	3.2	3.4
Judicial.....	129	136	165	219	290	295	7	7	8	.3	.3	.4
Legal services.....	102	118	177	149	186	216	7	7	8	.3	.3	.4
Public defense.....	56	92	87	104	140	209	(2)	(2)	(2)	(z)	(z)	(z)
Corrections.....	83	215	217	256	299	331	6	11	12	.3	.5	.6
<b>State governments.....</b>	<b>2,134</b>	<b>3,900</b>	<b>4,612</b>	<b>5,204</b>	<b>5,812</b>	<b>6,688</b>	<b>172</b>	<b>263</b>	<b>311</b>	<b>8.5</b>	<b>12.4</b>	<b>14.3</b>
Percent of total.....	24.9	26.1	26.7	26.4	26.9	27.8	22.2	25.0	27.0	(x)	(x)	(x)
Police.....	689	1,308	1,512	1,696	1,800	1,892	56	92	92	2.7	4.3	4.2
Judicial.....	282	439	498	585	651	1,013	18	26	42	.9	1.2	1.9
Legal services.....	83	178	216	248	297	386	7	12	18	.3	.6	.8
Public defense.....	9	52	65	70	78	98	1	3	3	(z)	.1	.1
Corrections.....	1,051	1,813	2,193	2,475	2,847	3,177	90	127	151	4.4	6.0	6.9
<b>Local governments.....</b>	<b>5,454</b>	<b>9,992</b>	<b>10,449</b>	<b>12,027</b>	<b>12,983</b>	<b>14,313</b>	<b>543</b>	<b>691</b>	<b>743</b>	<b>26.7</b>	<b>32.4</b>	<b>34.1</b>
Percent of total.....	63.6	60.8	60.6	61.1	60.2	59.4	70.1	65.7	64.5	(x)	(x)	(x)
Police.....	3,803	5,982	6,813	7,720	8,300	9,260	394	463	490	19.3	21.7	22.5
Judicial.....	779	1,223	1,405	1,624	1,698	1,732	70	99	99	3.4	4.7	4.5
Legal services.....	257	475	540	651	743	867	25	36	44	1.2	1.7	2.0
Public defense.....	37	101	128	157	185	217	3	4	5	.1	.2	.2
Corrections.....	572	1,213	1,434	1,654	1,788	2,008	52	87	102	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05. <sup>1</sup> Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. <sup>2</sup> Rate per 10,000 estimated population as of July 1, excluding Armed Forces abroad.

<sup>3</sup> Includes amounts not shown separately.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

### NO. 325. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1979

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>Jurisdictions: <sup>1</sup></b>										
With wiretap statutes.....	19	20	21	24	24	24	24	24	24	26
Reporting interceptions.....	12	14	18	20	19	18	21	19	20	20
Intercept applications authorized.....	598	816	855	864	728	701	686	626	570	553
Residence or apartment.....	366	553	569	556	419	455	435	410	361	393
Business or other.....	230	263	286	308	309	246	251	216	209	160
Intercept installations.....	582	792	841	812	694	676	635	601	560	533
Average length (days).....	22	22	22	24	23	22	23	25	24	24
Tap (telephone wiretap).....	538	753	779	731	633	620	581	554	510	484
Bug (incl. unspecified) <sup>2</sup> .....	44	39	62	81	61	56	54	47	50	49
Federal.....	179	281	205	130	120	106	136	77	81	87
State.....	403	511	636	682	574	570	499	524	479	446
Intercepted communications, avg. <sup>3</sup> .....	656	643	600	610	850	654	662	658	738	886
Incriminating.....	296	399	303	304	431	305	272	268	205	252
Persons arrested <sup>4</sup> .....	1,674	2,811	2,861	2,306	2,162	2,234	2,180	2,191	1,825	1,717
Convictions <sup>4</sup> .....	151	322	402	409	179	336	358	372	337	368
<b>Major offense specified:</b>										
Gambling.....	326	570	497	446	381	408	378	265	241	204
Drugs.....	127	126	230	229	199	178	190	237	195	250
Homicide and assault.....	20	18	35	47	21	16	10	22	25	29
Larceny and theft.....	31	31	22	36	22	5	9	20	7	7
Bribery.....	16	16	9	25	25	21	24	17	15	4
Other.....	76	55	62	81	80	73	75	65	87	59

<sup>1</sup> Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. <sup>2</sup> A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously. <sup>3</sup> Average per authorized installation.

<sup>4</sup> Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Reports on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

# No. 326. STATE AND LOCAL GOVERNMENT POLICE AND CORRECTIONS EMPLOYMENT AND EXPENDITURES, 1960 TO 1978, and by States, 1978

[Employees as of October. Direct expenditures for police protection are for fiscal years ending June 30 in year stated. Local government data are estimates subject to sampling variation; see source]

YEAR AND STATE	EMPLOYEES (full-time equivalent) <sup>1</sup>								POLICE EXPENDITURES			Corrections expenditures, State and local (mil. dol.)
	Police protection				Corrections				State and local (mil. dol.)	Local		
	State and local	Rate per 1,000 population <sup>2</sup>	Local		State and local	Rate per 1,000 population <sup>2</sup>	Local			Total (mil. dol.)	Per-cent	
			Total	Per-cent			Total	Per-cent				
1960 .....	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	(NA)	1,857	1,612	87	678
1965 .....	348,569	1.8	308,472	88.5	110,700	.6	41,163	37.2	2,549	2,201	86	974
1970 .....	449,656	2.2	393,810	87.6	142,307	.7	51,973	36.5	4,491	3,803	85	1,624
1972 .....	486,162	2.3	410,765	84.5	177,864	.9	70,079	39.4	5,941	4,950	83	2,289
1973 .....	511,146	2.4	429,512	84.0	187,298	.9	75,122	40.1	6,535	5,405	83	2,564
1974 .....	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026
1975 .....	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627
1976 .....	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130
1977 .....	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,089	8,300	82	4,635
1978 <sup>3</sup> .....	581,957	2.7	489,514	84.1	253,448	1.2	102,040	40.3	11,153	9,261	83	5,185
Ala.....	8,469	2.3	6,943	82.0	3,276	.9	1,393	42.5	122	93	76	52
Alaska.....	1,408	3.5	734	52.1	522	1.3	26	5.0	47	23	49	19
Ariz.....	7,337	3.1	5,728	78.1	3,178	1.4	1,484	46.7	157	122	78	66
Ark.....	4,101	1.9	3,246	79.2	1,396	.6	517	37.0	56	39	70	27
Calif.....	60,069	2.7	50,648	84.3	32,024	1.4	19,534	61.0	1,440	1,201	83	786
Colo.....	7,231	2.7	6,242	86.3	2,911	1.1	910	31.3	140	115	82	64
Conn.....	1,825	2.5	6,381	81.5	2,669	.9	5	.2	147	117	80	54
Del.....	1,619	2.8	890	55.0	944	1.6	-	-	31	18	58	16
D.C.....	4,637	6.9	4,637	100.0	2,922	4.3	2,922	100.0	99	99	100	70
Fla.....	25,371	3.0	21,956	86.5	13,716	1.6	3,406	24.8	444	379	85	228
Ga.....	12,512	2.5	10,267	82.1	6,697	1.3	2,192	32.7	195	147	75	126
Hawaii.....	2,641	2.9	2,539	96.1	528	.7	45	7.2	56	55	98	23
Idaho.....	2,245	2.6	1,758	78.3	725	.8	196	27.0	34	25	74	12
Ill.....	35,313	3.1	31,648	89.6	10,825	1.0	4,578	42.3	685	609	89	220
Ind.....	10,712	2.0	8,606	80.3	4,132	.8	1,698	41.0	178	134	75	77
Iowa.....	5,629	1.9	4,425	78.6	2,438	.8	866	35.5	98	71	72	42
Kans.....	5,196	2.2	4,375	84.2	2,386	1.0	656	27.5	76	63	83	44
Ky.....	7,001	2.0	5,108	73.0	3,121	.9	1,271	40.7	125	82	66	56
La.....	12,917	3.3	9,625	74.5	5,321	1.3	1,741	32.7	180	134	74	87
Maine.....	2,270	2.1	1,735	76.4	870	.8	192	22.1	33	23	70	13
Md.....	12,294	3.0	9,475	77.1	6,312	1.5	1,189	18.8	240	186	78	152
Mass.....	17,017	2.9	14,678	86.3	6,349	1.1	2,662	41.9	333	290	87	131
Mich.....	23,205	2.5	19,271	83.0	10,224	1.1	4,376	42.8	510	424	83	249
Minn.....	7,344	1.8	6,457	87.9	3,474	.9	1,655	47.6	147	122	83	84
Miss.....	4,808	2.0	3,603	74.9	1,707	.7	448	26.2	66	43	65	26
Mo.....	13,482	2.8	11,733	87.0	4,360	.9	1,901	43.6	220	185	84	74
Mont.....	1,826	2.3	1,492	81.7	939	1.2	230	24.5	28	21	75	14
Nebr.....	3,260	2.1	2,612	80.1	1,403	.9	367	27.6	52	39	75	31
Nev.....	2,354	3.6	2,048	87.0	1,412	2.1	621	44.0	49	42	86	36
N.H.....	2,022	2.3	1,614	79.8	752	.9	218	29.0	34	26	76	12
N.J.....	26,299	3.6	22,717	86.4	10,164	1.4	5,989	58.9	479	413	86	167
N. Mex.....	3,533	2.9	2,647	74.9	1,142	.9	332	29.1	53	38	72	24
N.Y.....	70,594	4.0	64,177	90.9	26,512	1.5	11,523	43.5	1,726	1,611	93	593
N.C.....	11,714	2.1	9,513	81.2	7,966	1.4	974	12.2	181	139	77	130
N. Dak.....	1,169	1.8	977	83.6	398	.6	111	27.9	18	15	83	7
Ohio.....	25,142	2.3	22,506	89.5	11,433	1.1	4,629	40.5	409	355	87	229
Okl.....	6,627	2.3	4,966	74.9	2,718	.9	539	19.8	100	68	68	65
Oreg.....	5,891	2.4	4,593	78.0	3,065	1.3	1,122	36.6	121	87	80	66
Pa.....	28,207	2.4	22,586	80.1	10,915	.9	5,725	52.5	531	408	77	249
R.I.....	2,600	2.8	2,252	86.6	842	.9	-	-	47	37	79	25
S.C.....	6,883	2.4	5,027	75.2	3,667	1.3	648	17.7	98	67	68	51
S. Dak.....	1,340	1.9	1,045	78.0	468	.7	94	20.1	22	16	73	8
Tenn.....	10,061	2.3	8,649	86.0	5,056	1.2	1,633	32.3	159	132	83	82
Tex.....	30,026	2.3	25,127	83.7	10,329	.6	5,223	50.6	486	398	82	192
Utah.....	3,170	2.4	2,453	77.4	1,119	.9	256	22.9	60	41	68	29
Vt.....	1,005	2.1	579	57.6	496	1.0	3	.6	16	8	50	8
Va.....	11,557	2.2	9,155	79.3	8,810	1.7	2,636	29.9	191	146	76	154
Wash.....	8,280	2.2	6,554	79.2	4,793	1.3	1,782	37.2	163	129	79	95
W. Va.....	3,349	1.8	2,305	68.8	1,155	.6	297	25.7	49	31	63	19
Wis.....	11,105	2.4	10,150	91.4	4,342	.9	1,114	25.7	201	181	90	81
Wyo.....	1,296	3.1	1,062	81.9	425	1.0	93	21.9	21	15	71	98

- Represents zero. NA Not available. <sup>1</sup> See footnote 1, table 324. <sup>2</sup> Estimated population, as of July 1.

<sup>3</sup> Detail may not add to total because of rounding and because States and national data are derived independently.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

### NO. 327. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUPS: 1970 TO 1979

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more. For explanation of average annual percent change, see Guide to Tabular Presentation. See also table 706]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more
<b>POLICE</b>										
1970.....	\$8,448	\$7,357	\$7,926	\$7,888	\$9,300	\$10,017	\$8,648	\$9,385	\$9,616	\$10,927
1973.....	9,928	8,840	9,258	9,364	10,670	12,309	10,612	11,065	11,891	13,707
1974.....	10,537	9,394	9,891	9,790	11,595	13,081	11,303	11,907	12,246	14,611
1975.....	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1976.....	11,948	10,647	11,362	11,249	13,165	14,932	13,039	13,826	14,341	16,556
1977.....	12,461	11,219	11,968	11,783	13,592	15,603	13,716	14,521	15,250	17,254
1978.....	13,249	11,822	12,746	12,659	14,414	16,686	14,607	15,414	16,425	18,252
1979.....	13,985	12,564	13,411	13,544	15,145	17,640	15,699	16,417	17,506	19,120
Annual percent change:										
1970-1975.....	5.8	6.5	6.3	6.3	5.3	6.9	7.2	6.8	7.1	7.0
1975-1978.....	5.8	5.5	5.9	5.8	6.1	6.0	6.0	5.8	6.6	6.1
1978-1979.....	5.6	6.3	5.2	7.0	5.1	5.7	7.5	6.5	6.6	4.8
<b>FIREFIGHTERS</b>										
1970.....	\$8,041	\$7,103	\$7,685	\$7,786	\$9,253	\$9,482	\$8,349	\$9,089	\$9,293	\$10,828
1973.....	9,502	8,596	9,029	9,211	10,832	11,589	10,242	10,788	11,240	13,564
1974.....	10,047	9,087	9,708	9,571	11,541	12,309	10,874	11,680	11,808	14,450
1975.....	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1976.....	11,422	10,301	11,167	11,074	13,115	14,082	12,499	13,614	13,835	16,325
1977.....	12,065	10,893	11,758	11,627	13,917	14,989	13,266	14,279	14,834	17,461
1978.....	12,738	11,512	12,436	12,505	14,440	15,853	14,168	15,036	16,016	18,051
1979.....	13,435	12,308	13,065	13,231	15,062	16,826	15,266	15,996	17,033	18,863
Annual percent change:										
1970-1975.....	6.0	6.6	6.4	6.3	5.3	6.9	7.2	7.0	7.2	6.8
1975-1978.....	5.9	5.6	5.9	5.7	6.5	6.2	6.2	5.6	6.7	6.3
1978-1979.....	5.5	6.9	5.1	5.8	4.3	6.1	7.7	6.4	6.3	4.5

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1980. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

### NO. 328. LEGAL SERVICES—SELECTED DATA: 1972 AND 1977

ITEM	1972 <sup>1</sup>					1977 <sup>3</sup>					
	All establishments		Establishments with payroll			All establishments		Establishments with payroll			
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Paid employees <sup>2</sup> (1,000)	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Annual payroll (mil. dol.)	Paid employees <sup>2</sup> (1,000)
<b>Total</b> .....	<b>144.5</b>	<b>10,938</b>	<b>77.3</b>	<b>9,724</b>	<b>267.7</b>	<b>167.9</b>	<b>18,696</b>	<b>94.9</b>	<b>17,147</b>	<b>5,217</b>	<b>392.0</b>
Sole proprietorships.....	95.8	2,885	30.9	1,730	53.6	124.4	4,739	53.8	3,309	698	93.1
Partnerships.....	25.5	5,911	23.7	5,857	150.1	29.2	10,093	27.2	9,991	2,347	197.8
Corporations <sup>4</sup> .....	4.6	1,058	4.5	1,053	31.5	14.2	3,854	13.8	3,837	2,162	100.4
Establishments <sup>5</sup> with annual receipts of—											
Less than \$20,000.....	(NA)	(NA)	10.0	123	10.0	48.3	396	5.5	74	23	6.1
\$20,000 to \$99,999.....	(NA)	(NA)	42.1	2,080	67.2	67.0	3,173	45.2	2,322	519	71.2
\$100,000 or more.....	(NA)	(NA)	20.6	6,867	173.2	34.5	14,120	33.1	13,932	4,442	290.6
Selected States:											
California.....	14.0	1,217	8.1	1,115	29.3	20.7	2,343	11.0	2,150	706	47.5
New York.....	21.5	1,918	9.7	1,708	43.0	20.7	2,823	10.0	2,596	762	52.9
Texas.....	7.9	533	4.1	464	12.8	9.3	1,043	5.5	954	258	20.5
Florida.....	5.5	503	3.5	470	13.3	7.3	950	5.1	904	361	22.2
Illinois.....	8.9	718	4.2	628	15.5	9.6	1,271	4.8	1,156	351	23.0
Pennsylvania.....	6.7	547	3.4	474	13.7	7.5	846	4.0	1,770	226	18.2
Ohio.....	7.2	450	3.5	381	10.6	8.0	733	4.0	645	186	15.5
New Jersey.....	5.4	430	3.1	393	11.3	6.6	663	4.0	615	208	15.4
Michigan.....	4.7	410	2.7	370	9.3	5.6	623	3.2	574	212	13.3
Massachusetts.....	6.0	341	2.5	287	8.4	6.7	546	2.8	471	130	10.8
Virginia.....	2.6	186	1.7	169	5.4	3.3	331	2.2	309	91	8.2
District of Columbia.....	1.9	308	.9	285	6.1	2.0	638	1.1	612	175	10.0

NA Not available. <sup>1</sup> Includes other and unknown legal forms, not shown separately. <sup>2</sup> For week including March 12. <sup>3</sup> Includes other legal forms including expense sharing associations, not shown separately. <sup>4</sup> Represents professional service organizations. <sup>5</sup> Establishments operating entire year.

Source: U.S. Bureau of the Census, 1977 Census of Service Industries, *Establishment and Firm Size* (SC 72-S.1), and *Geographic Area Series* (SC 72-A) and (SC 77-A).

## NO. 329. LAWYERS—SELECTED CHARACTERISTICS: 1954 TO 1970

[Data based on *Martindale-Hubbell Law Directory*. Represents all members of the bar, including those inactive or retired. See also *Historical Statistics, Colonial Times to 1970*, series H 1028-1062]

CHARACTERISTIC	1954	1957	1960	1963	1966	1970
All lawyers <sup>1</sup>	241,514	262,320	285,933	296,069	316,856	355,242
Lawyers reporting	221,600	235,783	252,385	268,782	289,404	324,818
Male	216,564	229,433	245,897	261,639	281,336	315,715
Female	5,036	6,350	6,488	7,143	8,068	9,103
Status in practice: <sup>2</sup> Government	21,279	24,245	25,821	29,314	31,280	35,803
Judicial	7,903	7,910	8,180	8,748	9,712	10,349
Private practice	189,423	188,955	192,353	200,588	212,662	236,085
Salaried	16,648	21,054	25,198	29,510	33,222	40,486

<sup>1</sup> Adjusted for underreporting and duplication. <sup>2</sup> Categories not mutually exclusive.

Source: American Bar Foundation, Chicago, Ill., *The 1971 Lawyer Statistical Report*, 1971. (Copyright.)

## NO. 330. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1970 TO 1979

[As of Dec. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total: <sup>1</sup> Indicted	63	160	208	244	291	255	563	507	557	666
Convicted	44	108	142	181	217	179	390	440	409	536
Awaiting trial	-	-	5	18	5	27	199	210	205	178
Federal officials: Indicted	9	58	58	60	59	53	111	129	133	114
Convicted	9	40	42	48	51	43	101	94	91	102
Awaiting trial	-	-	4	2	-	5	1	32	42	21
State officials: Indicted	10	21	17	19	36	36	59	50	55	56
Convicted	7	16	10	17	23	18	35	38	56	31
Awaiting trial	-	-	-	-	-	5	30	33	20	29
Local officials: Indicted	26	46	106	85	130	139	194	157	171	211
Convicted	16	28	75	64	87	84	100	164	127	151
Awaiting trial	-	-	-	2	4	15	98	62	72	63

- Represents zero. <sup>1</sup> Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1978*, and *Annual Report*.

## NO. 331. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1979

[Statutory term of court begins first Monday in October. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

ACTION	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total cases on docket	4,212	4,640	5,079	4,668	4,761	4,731	4,704	4,731	4,781
Appellate cases on docket	1,903	2,183	2,480	2,308	2,352	2,324	2,341	2,383	2,509
From prior term	325	442	412	540	431	452	472	434	425
Docketed during present term	1,578	1,741	2,068	1,768	1,921	1,872	1,869	1,949	2,084
Cases acted upon	1,613	1,834	1,948	1,967	1,900	2,019	1,979	2,023	2,050
Granted review	214	217	229	235	244	237	224	210	199
Denied, dismissed, or withdrawn	1,285	1,397	1,572	1,594	1,538	1,620	1,676	1,734	1,776
Summarily decided	114	220	147	138	118	162	79	79	75
Cases not acted upon	290	349	532	341	452	305	362	360	459
Pauper cases on docket	2,289	2,436	2,585	2,346	2,395	2,398	2,349	2,331	2,249
Cases acted upon	1,802	1,982	2,013	1,976	1,997	2,083	1,960	1,996	1,838
Granted review	41	35	30	28	28	30	24	27	32
Denied, dismissed, or withdrawn	1,663	1,902	1,942	1,914	1,903	2,013	1,899	1,938	1,757
Summarily decided	78	45	41	34	66	40	37	31	49
Cases not acted upon	487	454	572	372	398	315	389	335	411
Original cases on docket	20	21	14	12	14	8	14	17	23
Cases disposed of during term	7	8	4	4	7	2	3	-	1
Total cases available for argument	267	256	261	278	280	269	260	249	238
Cases disposed of	160	180	172	178	181	181	185	170	160
Cases argued	151	177	170	175	179	176	172	168	156
Cases dismissed or remanded without argument	9	3	2	3	2	5	13	2	4
Cases remaining	107	76	89	100	99	88	75	79	78
Cases decided by signed opinion	126	159	161	144	160	154	153	153	143
Cases decided by per curiam opinion	22	18	8	20	16	22	8	8	12
Number of signed opinions	109	140	140	123	138	126	129	130	130

- Represents zero.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

## NO. 332. U.S. COURTS OF APPEALS: 1950 TO 1979

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Cases commenced</b> <sup>1</sup> .....	2,830	3,899	6,766	11,662	15,629	16,436	16,658	18,408	19,118	18,918	20,219
Criminal.....	308	623	1,223	2,660	4,453	4,067	4,187	4,650	4,738	4,487	4,102
U.S. civil.....	708	788	1,387	2,167	2,704	3,267	2,981	3,327	3,622	3,928	3,983
Private civil.....	1,114	1,534	2,677	4,834	6,172	6,167	6,511	7,077	7,358	7,234	8,237
Administrative appeals.....	485	737	1,106	1,522	1,616	2,205	2,290	2,515	2,564	2,382	2,922
<b>Cases terminated</b> <sup>1</sup> .....	3,064	3,713	5,771	10,699	15,112	15,422	16,000	16,426	17,784	17,714	18,928
Criminal.....	342	580	1,014	2,581	4,210	4,299	4,005	4,238	4,554	4,461	4,320
U.S. civil.....	783	750	1,229	1,912	2,722	2,791	3,094	2,853	3,198	3,437	3,857
Private civil.....	1,184	1,517	2,183	4,367	6,030	5,847	6,252	6,246	6,680	6,813	7,175
Administrative appeals.....	541	660	1,004	1,407	1,493	1,734	1,909	2,359	2,510	2,256	2,602
<b>Cases disposed of</b> <sup>2</sup> .....	2,355	2,681	3,546	6,139	9,618	8,451	9,077	9,351	11,400	8,850	9,285
Affirmed or granted.....	1,700	1,924	2,635	4,626	7,163	6,429	6,763	6,995	7,826	6,717	7,062
Reversed or denied.....	528	656	773	1,280	1,693	1,579	1,632	1,680	1,715	1,536	1,542
Other.....	127	101	138	233	762	443	682	676	1,859	597	681
Median months <sup>3</sup> .....	7.1	6.8	8.0	8.2	6.4	6.8	7.4	7.1	7.1	8.0	8.2

<sup>1</sup> Includes types of cases not shown separately. <sup>2</sup> After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. <sup>3</sup> From filing of complete record to final disposition.

## NO. 333. U.S. DISTRICT COURTS—CIVIL AND CRIMINAL CASES: 1960 TO 1979

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Civil cases: Commenced</b> .....	159.3	67.7	87.3	98.6	103.5	117.3	130.6	130.6	138.8	154.7
<b>Cases terminated</b> <sup>2</sup> .....	148.8	63.1	79.5	97.4	96.7	103.8	108.3	115.5	123.2	140.0
No court action.....	(NA)	29.3	31.1	37.0	35.9	39.2	41.7	45.2	45.3	60.2
Court action, total.....	(NA)	33.8	48.4	60.4	60.8	64.6	66.6	70.3	77.8	79.9
Before pretrial.....	(NA)	17.1	29.4	36.9	38.6	40.3	41.6	43.5	48.7	49.7
Pretrial.....	(NA)	9.4	11.0	15.2	13.9	15.6	16.2	17.7	19.7	20.5
Trials.....	(NA)	7.3	8.0	8.3	8.4	8.7	8.8	9.0	9.4	9.6
Percent reaching trial <sup>3</sup> .....	(NA)	11.6	10.0	8.5	8.7	8.4	8.1	7.8	7.6	6.9
<b>Criminal cases: Commenced</b> <sup>3</sup> .....	28.1	31.6	38.1	40.4	37.7	41.1	39.1	39.8	34.6	31.5
Defendants disposed of <sup>1</sup> .....	30.5	33.7	36.4	46.7	48.0	49.2	51.6	53.2	45.9	41.2
Not convicted.....	3.8	5.0	8.2	11.7	11.8	11.8	11.5	11.7	9.4	8.3
Dismissed.....	2.6	3.8	6.6	9.8	10.0	10.3	9.8	10.0	7.8	6.8
Acquitted.....	1.2	1.2	1.6	2.0	1.8	1.5	1.7	1.8	1.6	1.5
Convicted.....	26.7	28.8	28.2	35.0	36.2	37.4	40.1	41.5	36.5	32.9
By guilty plea <sup>4</sup> .....	24.2	25.9	24.1	29.0	30.7	31.8	34.0	35.3	31.1	27.3
By court or jury.....	2.5	2.8	4.1	6.0	5.6	5.6	6.1	6.1	5.4	5.6
Imprisonment.....	13.4	13.7	12.4	17.5	17.2	17.3	18.5	19.6	17.4	14.6
Probation.....	10.4	10.8	11.4	15.0	16.6	17.9	18.2	16.1	14.5	13.5
Fine and other.....	2.9	4.3	4.4	2.4	2.4	2.2	3.4	5.8	4.6	4.9

NA Not available. <sup>1</sup> Excludes D.C., Canal Zone, Guam, and Virgin Islands except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Islands beginning 1976; and N. Mariana Islands beginning 1978. <sup>2</sup> Excludes land condemnation cases. <sup>3</sup> Excludes transfers. <sup>4</sup> Includes nolo contendere.

## NO. 334. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED: 1979

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total	Percent reaching trial
<b>Total</b> .....	154,666	143,323	61,419	81,904	50,979	20,649	10,276	7.2
<b>U.S. cases</b> <sup>1</sup> .....	55,840	47,184	22,177	25,007	20,234	2,570	2,203	4.7
Contract actions.....	14,570	10,053	7,783	2,270	1,907	261	102	1.0
Real property actions.....	9,326	7,118	3,633	3,485	2,475	298	712	10.0
Tort actions.....	3,414	2,779	1,365	1,414	626	480	308	11.1
Actions under statutes.....	28,522	23,587	7,771	15,816	13,701	1,220	895	3.8
<b>Private cases</b> .....	98,826	96,139	39,242	56,897	30,745	18,079	8,073	8.4
Federal question <sup>1</sup> .....	63,221	63,015	24,921	38,094	24,168	9,549	4,377	6.9
Contract actions.....	5,656	5,239	2,747	2,492	955	1,302	235	4.5
Property actions.....	1,486	1,447	676	771	671	77	23	1.6
Tort actions.....	8,353	7,947	2,981	4,966	1,369	2,921	696	8.8
Actions under statutes.....	47,512	40,939	13,490	27,449	19,877	4,497	3,075	7.5
Diversity of citizenship <sup>1</sup> .....	34,491	31,968	13,534	18,434	6,420	8,515	3,499	10.9
Contract actions.....	16,583	15,362	6,912	8,450	3,603	3,355	1,492	9.7
Tort actions.....	16,888	15,634	6,174	9,460	2,554	4,991	1,915	12.2
Local jurisdiction.....	1,114	1,156	787	369	157	15	197	17.0

<sup>1</sup> Includes actions not shown separately.

Source of tables 332-334: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

## No. 335. U.S. DISTRICT COURTS—TRIALS: 1950 TO 1979

[For years ending June 30. Through 1960, trials commenced; thereafter, trials completed. Prior to 1965, excludes D.C., Alaska, Hawaii, and outlying areas. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

TYPE OF TRIAL	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> .....	<b>7,977</b>	<b>9,042</b>	<b>11,485</b>	<b>16,032</b>	<b>19,467</b>	<b>18,572</b>	<b>19,236</b>	<b>19,580</b>	<b>18,827</b>	<b>18,851</b>	<b>18,563</b>
Civil trials.....	5,663	6,002	7,613	9,449	10,896	10,972	11,603	11,656	11,605	11,515	11,764
Nonjury.....	3,648	3,161	4,459	6,078	7,289	7,403	7,903	8,098	7,792	8,326	8,348
Jury.....	2,015	2,841	3,154	3,371	3,607	3,569	3,700	3,558	3,813	3,189	3,416
Criminal trials.....	2,314	3,040	3,872	6,583	8,571	7,600	7,633	7,924	7,222	7,336	6,799
Nonjury.....	825	943	1,143	2,357	2,927	2,753	2,726	2,773	2,661	3,344	3,132
Jury.....	1,489	2,097	2,729	4,226	5,644	4,847	4,907	5,151	4,561	3,992	3,667

## No. 336. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, BY NATURE OF OFFENSE: 1978 AND 1979

[For years ending June 30. Excludes Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	1978		1979, cases commenced <sup>1</sup>	DISPOSITION OF DEFENDANTS, 1979							
	Cases commenced <sup>1</sup>	Defendants disposed of		Not convicted		Convicted			Sentenced		
				Total	Acquitted	Total	Guilty plea	Court or jury	Imprisonment	Probation	Fine and other
<b>Total</b> .....	<b>34,624</b>	<b>45,922</b>	<b>31,536</b>	<b>8,262</b>	<b>1,471</b>	<b>32,913</b>	<b>27,295</b>	<b>5,618</b>	<b>14,580</b>	<b>13,459</b>	<b>4,874</b>
General offenses:											
Homicide.....	144	159	148	31	9	119	82	37	85	15	19
Robbery.....	1,377	1,814	1,149	201	40	1,230	972	258	1,133	93	4
Assault.....	582	685	541	199	37	419	310	109	229	154	36
Burglary.....	207	320	198	36	6	174	160	14	109	62	3
Larceny—theft.....	3,995	5,577	3,420	816	144	3,819	3,521	398	1,517	2,113	289
Embezzlement and fraud.....	6,581	7,953	6,630	1,251	278	6,801	6,000	801	2,351	4,028	422
Auto theft.....	810	1,196	399	126	37	615	514	101	451	159	5
Forgery, counterfeiting.....	3,818	3,887	2,877	464	69	2,712	2,432	280	1,360	1,326	26
Sex offenses.....	157	153	139	50	14	118	75	43	86	21	11
Narcotics.....	3,745	7,860	3,277	1,542	245	5,067	3,662	1,405	3,641	1,379	47
Misc. general offenses.....	9,486	10,655	8,704	2,289	387	7,014	5,500	1,514	2,129	1,639	3,246
Special offenses:											
Immigration laws.....	1,734	2,121	1,869	377	34	2,040	1,875	165	981	1,021	38
Liquor, Internal Revenue.....	100	158	41	15	7	60	55	5	22	37	1
Other Federal statutes.....	1,868	3,384	2,144	865	164	2,625	2,137	488	486	1,412	727

- Represents zero. <sup>1</sup> Excludes transfers.

## No. 337. U.S. DISTRICT COURTS—DEFENDANTS CHARGED WITH VIOLATIONS OF DRUG ABUSE PREVENTION AND CONTROL ACT: 1977 TO 1979

[For years ending June 30. Excludes Canal Zone, Guam, and Virgin Islands]

ITEM	MARIHUANA			NARCOTICS			CONTROLLED SUBSTANCES (prescribed drugs)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
<b>Defendants</b> .....	<b>2,767</b>	<b>1,902</b>	<b>1,934</b>	<b>5,672</b>	<b>4,012</b>	<b>3,182</b>	<b>1,297</b>	<b>1,946</b>	<b>1,493</b>
Not convicted.....	630	562	540	1,194	1,027	709	285	454	293
Dismissed.....	546	504	453	969	838	597	242	387	247
Convicted <sup>1</sup> .....	2,137	1,340	1,394	4,478	2,985	2,473	1,012	1,492	1,200
By guilty pleas.....	1,705	1,061	1,000	3,456	2,189	1,765	798	1,190	897
Total imprisonment.....	1,284	854	897	3,332	2,285	1,914	596	980	830
Regular sentence.....	1,204	783	695	2,938	1,997	1,495	526	825	630
Avg. sentence (mo.).....	29.4	33.8	39.1	48.4	58.7	60.0	34.6	49.9	41.6
1-12 months.....	466	241	104	757	412	154	181	232	111
13-35 months.....	281	158	206	410	328	265	120	137	143
36-59 months.....	274	245	224	749	518	434	120	193	210
60 months and over.....	183	139	161	1,022	739	642	105	263	166
Other sentences.....	80	71	202	394	288	419	70	155	200

<sup>1</sup> Includes probation and fine/other, not shown separately.

Source of tables 335-337: Administrative Office of the U.S. Courts, *Annual Report of the Director*.



# NO. 338. STATE COURTS OF GENERAL JURISDICTION—CASEFLOW, NUMBER OF COURTS, AND JUDGES: 1977

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text and summary tables for all reported data, respectively]

STATE	FILED					Disposed	COURTS—		Number of judges
	Total	Civil	Criminal	Traffic	Juvenile		Number	Geographical location	
Alabama.....	99,526	64,619	24,143	(X)	10,764	97,083	1	38	112
Alaska.....	13,940	11,375	1,082	(X)	1,483	12,785	1	4	20
Arizona.....	94,270	68,635	13,231	(X)	12,404	86,853	1	14	73
Arkansas.....	77,360	63,586	13,774	(X)	(X)	68,164	2	37	56
California.....	713,880	548,933	57,161	(X)	107,786	586,045	1	58	542
Colorado.....	124,006	92,298	15,690	(X)	16,078	119,362	5	29	100
Connecticut.....	31,413	26,891	4,522	(X)	(X)	29,579	1	9	45
Delaware.....	10,525	6,428	4,097	(X)	(X)	10,149	2	6	14
District of Columbia.....	317,799	161,944	29,040	120,526	6,289	315,533	1	1	44
Florida.....	418,877	250,080	92,526	(X)	76,271	392,328	1	20	289
Georgia.....	161,471	104,344	45,889	11,138	(X)	143,970	1	42	96
Hawaii.....	31,025	20,850	1,992	108	8,075	27,684	3	6	23
Idaho.....	275,991	45,537	29,444	193,277	7,733	272,981	2	7	94
Illinois.....	3,524,456	635,666	519,334	2,343,770	25,686	3,369,022	1	21	643
Indiana.....	350,282	189,607	50,139	94,760	15,776	344,347	3	122	173
Iowa.....	597,231	129,770	190,363	271,039	6,059	589,309	1	8	322
Kansas.....	185,710	58,005	19,835	107,870	(X)	166,569	1	29	210
Kentucky.....	79,871	65,998	13,673	(X)	(X)	(NA)	1	56	87
Louisiana.....	369,379	133,369	236,010	(X)	(X)	(NA)	1	39	137
Maine.....	15,587	7,568	6,138	1,881	(X)	11,534	1	16	14
Maryland.....	136,258	66,026	43,631	(X)	28,601	128,744	1	29	85
Massachusetts.....	66,649	31,395	35,254	(X)	(X)	75,816	1	14	46
Michigan.....	1,121,211	131,148	124,796	865,267	(X)	187,449	3	52	170
Minnesota.....	28,855	18,843	10,012	(X)	(NA)	28,635	1	10	72
Mississippi.....	59,963	52,521	7,442	(X)	(NA)	(NA)	2	40	66
Missouri.....	106,996	72,132	18,130	(X)	16,734	105,982	2	45	111
Montana.....	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	1	19	29
Nebraska.....	25,201	18,640	6,561	(X)	(X)	21,861	1	21	45
Nevada.....	8,768	8,785	8,448	(X)	535	(NA)	1	9	25
New Hampshire.....	24,737	17,745	6,992	(X)	(X)	24,414	1	10	15
New Jersey.....	97,409	68,371	29,038	(X)	(X)	90,535	2	36	206
New Mexico.....	43,873	39,217	4,656	(X)	(NA)	37,437	1	13	39
New York.....	147,426	116,031	31,395	(X)	(X)	149,047	2	68	357
North Carolina.....	120,563	68,299	51,264	(X)	(X)	115,544	1	31	57
North Dakota.....	11,065	9,006	1,083	2	974	9,847	1	6	19
Ohio.....	483,194	249,587	30,811	(X)	202,796	477,268	1	88	313
Oklahoma.....	427,230	172,864	59,289	186,171	8,906	384,933	1	24	189
Oregon.....	81,868	53,264	14,174	(X)	14,430	63,732	2	21	72
Pennsylvania.....	288,878	180,206	73,058	(X)	35,614	281,511	1	59	285
Rhode Island.....	9,494	6,341	3,153	(X)	(X)	(NA)	1	4	17
South Carolina.....	60,088	29,259	30,829	(X)	(X)	58,575	1	16	25
South Dakota.....	12,519	(NA)	(NA)	(X)	3,519	11,936	1	8	36
Tennessee.....	118,220	86,347	30,062	1,811	(X)	109,325	4	63	115
Texas.....	378,314	285,335	81,838	(X)	11,141	358,530	1	86	86
Utah.....	30,362	27,010	3,352	(X)	(X)	25,842	1	7	24
Vermont.....	80,227	17,237	18,059	43,893	1,038	66,340	2	29	18
Virginia.....	117,351	67,685	49,666	(X)	(X)	111,686	1	31	107
Washington.....	127,965	99,000	14,141	(X)	14,824	99,805	1	28	110
West Virginia.....	52,030	34,837	9,875	(X)	7,318	48,955	1	31	57
Wisconsin.....	(NA)	(NA)	(NA)	(X)	(NA)	733,209	2	96	181
Wyoming.....	10,318	9,044	1,274	(X)	(19)	110,108	1	7	13

NA Not available. X Not applicable. <sup>1</sup>Excludes adoption, guardianship, miscellaneous probate, or mental health data for the Chancery and Probate Court. <sup>2</sup>Excludes estate data. <sup>3</sup>Excludes any cases filed before July 1, 1970.

<sup>4</sup>Excludes guardianship, conservatorship, and trusteeship data. <sup>5</sup>Excludes ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. <sup>6</sup>Excludes juvenile data. <sup>7</sup>No data were available from the District Court. <sup>8</sup>Data were available only from Washoe County, representing less than half of the entire State population.

<sup>9</sup>Excludes civil data from Seneca County. <sup>10</sup>Excludes criminal extraordinary writs. <sup>11</sup>Excludes adoption, mental health, and juvenile cases. <sup>12</sup>Excludes any civil or criminal data, or juvenile data from lay or lawyer magistrates.

<sup>13</sup>Excludes data from lay or lawyer magistrates. <sup>14</sup>Compiled from 3,002 of the possible 3,048 reports. <sup>15</sup>Excludes mental health or juvenile data. <sup>16</sup>Juvenile cases were included in with the civil and criminal figures and could not be separated for inclusion in this table. <sup>17</sup>Excludes cases filed before 1974.

Source: National Center for State Courts, Williamsburg, Va., *State Court Caseload Statistics, 1977 Annual report*.

### No. 339. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES: 1974 TO 1977

[1974 and 1975 as of June 30; 1977 as of Dec. 31, except as noted]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1974	1975	1977	1974	1975	1977
Number of residents <sup>1</sup>	Number	47,268	49,126	45,920	31,749	27,450	29,377
Juvenile	Number	44,922	46,980	<sup>2</sup> 44,096	31,749	27,290	<sup>2</sup> 29,070
Male	Number	34,783	37,926	36,921	22,104	19,152	20,387
Female	Number	10,139	9,054	7,175	9,645	8,138	8,683
White	Number	(NA)	(NA)	27,963	(NA)	(NA)	21,917
Black	Number	(NA)	(NA)	14,865	(NA)	(NA)	6,005
Average age <sup>3</sup>	Year	(NA)	(NA)	15.3	(NA)	(NA)	14.9
Male	Year	15.3	15.3	15.4	(NA)	15.3	14.9
Female	Year	14.9	15.0	15.1	(NA)	15.4	15.0
Number of admissions (all residents) <sup>4</sup>	Number	647,175	641,189	614,385	53,661	56,708	67,045
Number of departures (all residents) <sup>4</sup>	Number	640,408	632,983	622,151	47,471	50,986	61,571
Average daily residents <sup>5</sup>	Number	46,753	48,794	48,032	31,384	26,740	29,611
Facilities, total	Number	829	874	992	1,337	1,277	1,600
Short-term	Number	371	387	448	76	66	126
Long-term	Number	458	487	544	1,261	1,211	1,474
Occupancy less than 70 percent	Percent	42	36	32	21	21	20
70–100 percent	Percent	46	51	59	72	79	78
More than 100 percent	Percent	12	13	9	7	7	2
Personnel, total	Number	46,276	52,534	61,060	<sup>6</sup> 28,612	<sup>5</sup> 27,651	<sup>5</sup> 30,918
Full-time	Number	39,391	41,156	43,322	20,600	(NA)	22,211
Juveniles per full-time staff member	Number	1.1	1.1	1.0	1.5	(NA)	1.3
Expenditures	Mil. dol.	508.6	594.1	707.7	294.0	273.6	364.3
Capital	Mil. dol.	24.5	34.5	29.4	25.9	19.2	21.0
Operating	Mil. dol.	484.1	559.6	678.4	268.1	254.5	363.3
Per capita operating cost <sup>6</sup>	\$1,000	10.4	11.5	14.1	8.5	9.5	12.3

NA Not available. <sup>1</sup> Includes adults. <sup>2</sup> Includes races not reported and races not shown. <sup>3</sup> Based on juvenile residents only. <sup>4</sup> Juvenile and adult. <sup>5</sup> Includes community volunteers. <sup>6</sup> Based on average daily residents.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: Advance Report on the 1977 Census of Public Juvenile Facilities*; and *Children in Custody: Advance Report on the 1977 Census of Private Juvenile Facilities*.

### No. 340. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1978

[For definition of delinquency cases, see text, p. 181. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970*, series H 1119–1124]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978
Population 10–17 years old <sup>1</sup> (1,000)	25,368	29,536	32,614	33,365	33,045	30,836	30,154	29,423
Delinquency cases excluding traffic <sup>2</sup> (1,000)	510	697	1,052	1,252	1,317	1,432	1,389	1,359
Per 1,000 population 10–17 years old	20.1	23.6	32.3	37.5	39.9	46.4	46.1	46.2
Male (1,000)	415	555	800	927	1,002	1,093	1,063	1,055
Female (1,000)	99	142	252	326	315	339	326	304
Percent of total cases	19.3	20.4	24.0	26.0	23.9	23.7	23.5	22.4
Population under 18 years old <sup>1</sup> (1,000)	64,516	69,699	69,669	67,241	66,251	64,080	63,097	62,186
Dependency and neglect cases <sup>2</sup> (1,000)	131	157	133	151	143	151	158	158
Per 1,000 population under 18 years old	2.0	2.3	1.9	2.2	2.2	2.4	2.5	2.5

<sup>1</sup> U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960 and 1970, as of April 1. Beginning 1975, includes number of children from age 10 to the upper age of jurisdiction for each State.

<sup>2</sup> Delinquency cases based on data from a national sample of juvenile courts. Since 1970, based on all courts reporting, whose jurisdiction includes about two-thirds of the Nation's population; dependency and neglect cases based on reports from courts serving about one-half of the child population under 18 years of age.

Source: 1960–1973, U.S. Office of Human Development Services and U.S. Office of Youth Development, *Juvenile Court Statistics*, annual; beginning 1974, National Center for Juvenile Justice, Pittsburgh, Pa.; unpublished data.

### No. 341. FEDERAL AND STATE PRISONS AND PAROLE POPULATION: 1974 TO 1978

ITEM	1974	1975	1976	1977	1978
Prison population	218,500	240,600	262,800	292,352	294,600
Parole population	155,100	158,600	160,900	186,100	185,100
Entries to parole	(NA)	(NA)	87,500	82,705	99,600
Removals from parole	(NA)	(NA)	85,100	60,593	100,600

NA Not available.

Source: U.S. Law Enforcement Assistance Administration, *Parole in the United States*, annual.

## NO. 342. FEDERAL AND STATE PRISONERS: 1950 TO 1978

[Prior to 1970, excludes State institutions in Alaska and prior to 1960, those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1977. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
1950 ...	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1955 ...	185,780	113.4	20,088	12.3	165,692	101.1	78,414	47.9	15,286	9.3	63,128	38.5
1960 ...	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965 ...	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,761	6.6	74,724	38.8
1970 ...	196,429	95.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975 ...	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1976 ...	262,933	122.9	26,980	12.6	235,953	110.3	129,482	60.5	17,437	8.2	112,045	52.4
1977 ...	285,456	132.4	28,650	13.3	256,806	119.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978 ...	294,396	135.4	26,391	12.1	268,005	123.2	126,121	58.0	13,247	6.1	112,874	51.9

NA Not available. <sup>1</sup> Rate per 100,000 estimated population. <sup>2</sup> Beginning 1977, not strictly comparable with earlier years; see headnote.

Source: U.S. Law Enforcement Assistance Administration, 1950-1970, *National Prisoner Statistics*, Bulletin No. 47. Beginning 1975, *Prisoners in State and Federal Institutions on December 31*, annual.

## NO. 343. STATE PRISONS—SELECTED CHARACTERISTICS, BY TYPE OF INSTITUTION: 1974

[Based on data compiled in January 1974 by U.S. Bureau of the Census. Facility must have been an administratively separate institution and defined as a State correctional facility for adults or youthful offenders or a non-State-operated facility where majority of residents were State inmates. Excludes Massachusetts]

CHARACTERISTIC	All institutions <sup>1</sup>	Closed prisons	Prison camps <sup>2</sup>	CHARACTERISTIC	All institutions <sup>1</sup>	Closed prisons	Prison camps <sup>2</sup>
Inmates, number (1,000) .....	188.0	118.7	34.3	Institutions with—Con.			
Institutions, total.....	592	172	162	Sick bay.....	358	159	83
				Library.....	481	167	131
				Athletic field.....	450	158	141
Year of initial construction:				Full-time staff:			
Before 1899 and unknown.....	75	48	4	Less than 20.....	250	7	87
1899-1923.....	61	25	8	20-99.....	136	41	42
1924-1948.....	186	47	46	100-299.....	86	50	19
1949-1969.....	237	44	98	300 or more.....	67	56	2
1970-1973.....	33	8	6	Unknown.....	53	18	12
Institutions with—				Annual operating expenditures—			
Group counseling.....	487	153	117	Less than \$200,000.....	172	8	54
Individual counseling.....	540	167	131	\$200,000-\$1 million.....	202	37	82
Remedial education.....	526	170	137	\$1 million-\$3 million.....	81	41	16
Vocational training.....	477	163	112	\$3 million or more.....	92	75	6
Alcoholic treatment.....	489	152	112	Unknown.....	45	11	4
Drug treatment.....	436	145	96				

<sup>1</sup> Includes types of institutions not shown separately.

<sup>2</sup> Includes prison farms, road camps, and forest camps.

Source: U.S. Law Enforcement Assistance Administration, *Census of State Correctional Facilities, 1974, Advance Report*.

## NO. 344. JAILS—SUMMARY: 1978

[As of February. Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., Hawaii, R.I., and Vt.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	United States	North-east	North Central	South	West
Jails.....	3,493	207	1,042	1,678	566
With less than 50 inmates.....	2,844	109	933	1,380	422
With 50-249 inmates.....	519	75	89	249	106
With 250 or more inmates.....	130	23	20	49	38
With inmates being held for other authorities because of overcrowding.....	883	42	151	439	51
Number of inmates.....	158,394	24,228	28,452	67,444	38,270
Number of employees, full- and part-time.....	70,517	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*; and unpublished data.

## NO. 345. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 344]

CHARACTERISTIC	Total <sup>1</sup>	White	Black	CHARACTERISTIC	Total <sup>1</sup>	White	Black
<b>Total inmates</b> <sup>2</sup> .....	<b>158,394</b>	<b>89,418</b>	<b>65,104</b>	Type of offense:			
Male.....	148,839	84,752	60,474	Violent.....	46,944	20,163	25,546
Female.....	9,555	4,666	4,630	Property.....	65,455	38,496	25,670
Under 30 years.....	110,166	60,581	46,788	Drug.....	13,586	8,680	4,725
Percent of total.....	69.6	67.8	71.9	Public order.....	30,088	20,597	8,363
30 years and over.....	48,228	28,836	18,316	Legal representation:			
Median age (yr.).....	25.3	25.0	25.6	With counsel.....	51,572	27,318	23,345
Educational attainment:				Own lawyer.....	9,125	5,202	3,836
Less than 12 years.....	96,265	53,084	40,923	Provided with lawyer.....	42,183	22,026	19,335
Percent of total.....	60.8	59.4	62.9	Without counsel.....	14,443	8,879	5,052
2 years or more.....	61,943	36,163	24,165	Percent of total.....	9.1	9.9	7.8
Median.....	10.2	10.2	10.2	Detention status:			
Prearrest employment status:				Unconvicted inmates.....	66,936	36,677	28,799
Employed.....	89,526	51,193	36,195	Bail status:			
Percent of total.....	56.5	57.3	55.6	Set.....	54,304	29,305	23,861
Not employed.....	68,101	37,858	28,555	Not set.....	11,607	6,848	4,441
With prearrest income.....	147,736	83,622	60,592	Convicted inmates.....	91,411	52,698	36,300
Under \$3,000.....	61,594	32,216	27,994	Percent of total.....	57.7	58.9	55.8
Percent of total.....	38.9	36.0	43.0	Method of conviction:			
\$3,000 to \$9,999.....	56,802	33,412	22,137	Pleading guilty.....	70,045	42,538	25,682
\$10,000 and over.....	21,393	14,376	6,364	Original charge			
Median income (dollars).....	3,714	4,814	2,886	changed.....	26,952	17,527	8,811
Without prearrest income.....	10,659	5,796	4,512	Original charge			
Military service:				retained.....	41,899	24,164	16,658
Served.....	39,861	26,696	12,120	Judged guilty.....	20,075	9,668	9,916
Never served.....	118,486	62,716	52,942				

<sup>1</sup> Includes races other than White and Black.<sup>2</sup> Detail may not add to total because some items are unavailable or unknown.Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*, and unpublished data.

## NO. 346. FEDERAL PRISONERS UNDER SENTENCE, BY OFFENSE AND RACE: 1979

[These data pertain only to the Federal offender population housed in Federal institutions during or on the last day of the fiscal year ending Sept. 30. Represents more than 85 percent of the sentenced Federal prisoner population]

OFFENSE	Total	WHITE		OTHER RACES		OFFENSE	Total	WHITE		OTHER RACES	
		Num-ber	Aver-age sen-tence (mo.)	Num-ber	Aver-age sen-tence (mo.)			Num-ber	Aver-age sen-tence (mo.)	Num-ber	Aver-age sen-tence (mo.)
<b>Total</b> <sup>1</sup> .....	<b>20,435</b>	<b>12,248</b>	<b>100.5</b>	<b>8,187</b>	<b>132.3</b>	Securities violations <sup>2</sup> .....	240	166	79.8	74	72.2
Drug laws.....	5,215	3,666	82.8	1,549	102.7	Counterfeiting.....	316	240	69.2	76	51.8
Robbery.....	4,500	2,107	177.5	2,393	173.3	Fraud.....	605	446	52.4	159	40.3
Larceny/theft.....	2,578	1,495	58.5	1,083	48.7	Kidnaping.....	436	301	355.7	135	413.6
Firearms.....	887	603	59.4	284	52.3	Juvenile delin-quency.....	10	5	25.6	5	67.4
Immigration.....	1,160	1,138	14.1	22	19.3	Burglary.....	122	80	94.1	42	82.2
Forgery.....	726	305	51.6	421	51.0	Government <sup>3</sup> .....	1,911	441	281.3	1,470	202.3

<sup>1</sup> Includes offenses not shown separately.<sup>2</sup> Transporting false or forged securities.<sup>3</sup> Includes offenses committed on government reservations, the high seas, territories, and the District of Columbia.Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

## NO. 347. FEDERAL AND STATE PRISONS—PRISONERS, BY STATES: 1960 TO 1979

[For years ending Dec. 31; represent inmates sentenced to maximum term of more than a year. See source regarding comparability of data]

STATE	1960	1965	1970	1975	1976	1977 <sup>1</sup>	1978	1979			
								Total	Rate <sup>2</sup>	Male	Female
U.S.....	212,953	210,895	196,429	240,593	262,833	285,456	294,396	301,017	136	289,081	11,936
Federal <sup>3</sup> .....	23,218	21,040	20,038	24,131	26,980	26,650	26,391	22,588	10	21,262	1,326
State.....	189,735	189,855	176,391	216,462	235,853	258,806	268,005	278,429	126	267,819	10,610
Male.....	205,253	203,327	190,794	(NA)	252,794	274,244	282,813	289,081	270	289,081	(X)
Female.....	7,700	7,568	5,635	(NA)	10,039	11,212	11,583	11,936	11	(X)	11,936
New Eng.....	4,871	5,044	4,543	5,636	6,201	6,306	6,383	6,848	56	6,700	148
Maine.....	750	695	518	643	610	626	577	641	58	628	13
N.H.....	180	205	244	250	248	261	283	316	35	311	5
Vt.....	269	283	162	244	279	384	351	311	62	302	9
Mass.....	1,920	1,929	2,053	2,242	2,651	2,731	2,785	2,877	50	2,830	47
R.I.....	255	310	(NA)	408	490	528	524	564	63	554	10
Conn.....	1,497	1,642	1,568	1,849	1,923	1,776	1,863	2,139	69	2,075	64
Middle Atl.....	29,293	29,459	24,052	27,735	29,979	32,214	33,603	34,489	94	33,442	1,047
N.Y.....	17,207	17,504	12,059	16,071	17,705	19,367	20,459	21,158	120	20,551	607
N.J.....	4,284	4,839	5,704	5,682	5,618	5,385	5,422	5,539	76	5,351	188
Pa.....	7,802	7,116	6,289	5,982	6,656	7,461	7,722	7,792	67	7,540	252
E. No. Cent.....	37,938	34,338	31,755	37,023	42,231	45,692	46,644	47,853	116	46,062	1,791
Ohio.....	11,111	11,374	9,185	11,421	12,525	12,846	13,107	13,360	125	12,762	598
Ind.....	5,429	4,486	4,137	3,897	4,203	4,250	4,396	5,270	98	5,096	174
Ill.....	9,064	8,306	6,381	7,861	9,739	11,425	10,765	10,767	95	10,533	254
Mich.....	9,550	7,342	9,079	10,852	12,465	13,824	14,944	15,002	163	14,374	628
Wis.....	2,784	2,830	2,973	2,992	3,299	3,347	3,432	3,434	73	3,297	137
W. No. Cent.....	12,317	12,188	10,188	11,289	12,534	13,442	13,776	13,845	81	13,328	517
Minn.....	2,059	1,772	1,585	1,685	1,624	1,863	1,954	2,084	51	2,017	77
Iowa.....	2,204	2,178	1,747	1,786	1,891	2,065	1,961	2,088	72	2,006	82
Mo.....	3,698	3,517	3,413	4,371	4,997	5,302	5,637	5,555	113	5,352	203
N. Dak.....	248	208	147	173	162	163	138	136	19	134	2
S. Dak.....	526	571	391	338	478	500	505	539	77	517	22
Nebr.....	1,269	1,151	1,001	1,251	1,304	1,293	1,242	1,143	71	1,094	49
Kans.....	2,313	2,791	1,902	1,685	2,078	2,246	2,339	2,290	95	2,208	82
So. Atl.....	37,808	34,729	35,786	58,946	65,008	70,152	72,094	73,022	209	70,300	2,722
Del.....	226	315	596	582	684	820	1,005	1,088	181	1,050	38
Md.....	5,316	5,467	5,166	6,965	7,912	8,148	7,966	7,860	187	7,638	222
D.C.....	1,958	1,604	1,423	2,302	2,283	2,297	2,530	2,599	433	2,548	51
Va.....	5,775	4,553	4,648	5,497	6,030	7,143	7,882	8,200	158	7,993	267
W. Va.....	2,407	1,477	938	1,271	1,278	1,206	1,237	1,251	66	1,218	33
N.C.....	5,977	6,029	5,969	10,993	11,570	12,830	12,268	13,459	240	12,867	492
S.C.....	2,080	2,323	2,726	5,600	6,433	6,738	7,130	7,115	237	6,934	281
Ga.....	6,985	5,966	5,113	10,421	11,025	11,597	10,833	11,658	224	11,127	531
Fla.....	7,084	6,995	9,187	15,315	17,793	19,493	21,243	19,792	220	18,985	807
E. So. Cent.....	14,081	12,422	11,837	14,649	13,442	17,270	17,387	19,038	135	18,233	805
Ky.....	3,603	2,813	2,849	3,246	3,657	3,661	3,390	3,691	105	3,550	141
Tenn.....	3,134	3,219	3,288	4,561	4,817	5,480	5,835	6,629	151	6,346	283
Ala.....	5,369	4,377	3,780	4,420	3,032	5,545	5,529	5,343	141	5,091	252
Miss.....	1,975	2,019	1,730	2,422	1,936	2,584	2,633	3,375	141	3,246	129
W. So. Cent.....	19,752	21,497	22,167	28,990	31,580	35,706	38,630	41,291	184	39,602	1,689
Ark.....	2,016	1,970	(NA)	2,162	2,431	2,462	2,578	2,901	132	2,792	109
La.....	3,749	3,844	4,196	4,758	4,696	6,731	7,291	7,618	190	7,382	236
Okla.....	2,679	2,829	3,640	3,133	3,736	4,074	4,186	4,250	147	4,073	177
Tex.....	11,308	12,854	14,331	18,937	20,717	22,439	24,575	26,522	196	25,355	1,167
Mt.....	7,292	8,188	6,351	8,506	9,591	10,689	11,802	12,048	113	11,559	489
Mont.....	602	586	260	429	551	559	680	765	96	736	29
Idaho.....	549	481	411	580	682	774	802	830	92	796	34
Wyo.....	338	336	231	307	340	400	433	477	95	447	30
Colo.....	2,078	2,766	2,066	2,039	2,239	2,324	2,474	2,518	90	2,452	66
N. Mex.....	1,243	1,002	742	999	1,220	1,448	1,505	1,457	112	1,406	51
Ariz.....	1,516	1,694	1,460	2,647	2,850	3,229	3,450	3,478	139	3,323	155
Utah.....	553	701	491	657	748	806	908	957	68	924	33
Nev.....	413	622	690	848	961	1,149	1,350	1,566	224	1,475	91
Pac.....	26,383	31,990	29,925	23,668	25,287	25,335	27,886	29,995	98	28,593	1,402
Wash.....	2,455	3,202	2,864	3,369	3,771	4,160	4,487	4,512	113	4,297	215
Oreg.....	1,710	2,000	1,800	2,480	2,821	2,907	2,873	3,171	122	3,052	119
Calif.....	21,660	26,325	25,033	17,296	18,113	17,338	19,550	21,260	93	20,233	1,027
Alaska.....	(NA)	(NA)	(NA)	207	255	532	490	532	133	511	21
Hawaii.....	558	463	228	336	327	398	486	520	58	500	20

<sup>1</sup> X. Not applicable. <sup>2</sup> See headnote, table 342.<sup>3</sup> Rate per 100,000 population of States as of July 1.<sup>4</sup> Not included in State figures.Source: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31*, annual.

### NO. 348. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1979

[For years ending June 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES <sup>1</sup>			PAROLE <sup>1</sup>			EXPIRATION OF SENTENCE <sup>1</sup>			YCA <sup>2</sup> RELEASES	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses .....	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses .....	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses .....	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses .....	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses .....	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses .....	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
<b>1979, all offenses <sup>3</sup> .....</b>	<b>10,925</b>	<b>44.1</b>	<b>21.0</b>	<b>3,766</b>	<b>85.1</b>	<b>32.6</b>	<b>7,159</b>	<b>22.4</b>	<b>14.9</b>	<b>1,008</b>	<b>25.3</b>
Counterfeiting .....	190	45.2	22.1	84	67.3	28.6	106	27.7	16.9	17	21.1
Drug laws .....	2,498	54.1	26.1	1,167	78.5	32.0	1,331	32.7	21.0	208	23.6
Embezzlement .....	178	20.5	10.9	55	40.8	17.1	123	11.4	8.1	13	16.3
Escape, flight, or harboring a fugitive .....	137	31.5	20.2	42	44.1	23.0	95	26.0	18.9	6	32.8
Firearms .....	707	34.0	20.0	180	56.9	25.7	527	26.1	18.0	75	23.0
Forgery .....	520	31.8	18.5	190	45.5	21.0	330	23.9	17.0	56	19.9
Fraud .....	531	23.4	12.6	172	41.2	17.1	359	14.8	10.5	20	15.0
Immigration .....	2,201	7.3	5.0	112	38.6	15.4	2,089	5.6	4.4	14	14.2
Income tax .....	135	18.7	9.9	37	40.9	16.2	98	10.3	7.5	1	24.0
Juvenile delinquency .....	13	43.5	29.1	5	57.6	36.0	8	34.7	24.8	-	-
Kidnaping .....	44	228.8	70.0	38	254.2	75.2	6	68.0	37.0	8	47.3
Larceny-theft .....	1,645	37.2	20.7	547	55.6	24.3	1,098	28.0	19.0	204	23.0
Motor vehicle, interstate .....	474	45.2	25.5	151	60.1	26.2	323	36.2	25.2	69	26.3
Liquor laws .....	18	21.2	10.1	6	44.3	15.8	12	9.6	7.2	-	-
Robbery .....	895	140.6	50.9	671	162.1	53.5	224	76.2	42.8	198	29.8
Securities, transporting false .....	206	54.5	27.3	108	72.9	31.4	98	34.1	22.8	17	26.7
White slave traffic .....	14	56.4	25.1	5	55.2	26.8	9	57.1	24.2	4	25.5
Military court-martial cases .....	7	103.2	49.4	2	156.0	64.5	5	82.2	43.4	-	-
Govt. reservation, high seas, territories, and D.C. ....	296	73.7	32.1	107	134.6	46.1	189	39.2	24.3	107	30.2

- Represents zero.

<sup>1</sup> Excludes prisoners sentenced under Youth Corrections Act.

<sup>2</sup> Youth Corrections Act.

<sup>3</sup> Includes other offenses not shown separately. Excludes 841 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 321 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

### NO. 349. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1979

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison]

CHARACTERISTIC	1975	1976	1977	1978	1979	CHARACTERISTIC	1975	1976	1977	1978	1979
<b>Total .....</b>	<b>479</b>	<b>444</b>	<b>443</b>	<b>445</b>	<b>567</b>	<b>Marital status:</b>					
White .....	214	243	244	261	344	Never married .....	217	206	192	187	208
Black and other .....	265	201	199	184	223	Married .....	167	146	143	136	190
						Divorced <sup>1</sup> .....	95	92	108	122	169
Under 20 years .....	43	20	16	22	11	<b>Time elapsed since sentencing:</b>					
20-24 years .....	139	133	135	113	145	7-12 months .....	166	85	123	162	158
25-34 years .....	204	206	199	210	276	6 months or less .....	130	99	-	-	-
35-54 years .....	83	79	88	97	128	1-3 years .....	155	256	314	237	309
55 years and over .....	10	6	5	3	7	4-8 years .....	13	4	6	46	100
						More than 8 years .....	15	-	-	-	-
<b>Completed school:</b>						<b>Legal status at arrest:</b>					
7 years or less .....	71	49	49	55	55	Not under sentence .....	293	274	253	277	324
8 years .....	50	47	46	46	55	Parole or probation .....	51	50	60	60	88
9-11 years .....	167	145	137	158	187	Prison or escaped .....	27	22	20	35	38
12 years .....	93	95	88	99	121	Unknown .....	108	98	110	73	117
More than 12 years .....	21	26	25	28	39						
Unknown .....	77	82	98	59	110						

- Represents zero.

<sup>1</sup> Includes persons married but separated, widows, widowers, and unknown.

Source: 1975 to 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

## No. 350. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1978

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change regarding dispositions, the number of dispositions other than execution and the number of persons under sentence of death in 1976 and subsequent years are not strictly comparable to corresponding data for earlier years. See source for explanation. For definition of median, see Guide to Tabular Presentation]

STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	
									Total	Murder <sup>1</sup>
Under sentence of death, Jan .....	575	631	642	334	134	242	486	418	417	414
Received death sentence <sup>2</sup> .....	193	113	83	42	165	322	249	155	197	196
White .....	66	54	32	15	77	145	144	81	118	117
Black .....	66	57	51	26	83	174	105	72	78	78
Dispositions other than executions .....	77	102	391	242	57	78	317	155	150	149
Executions .....	-	-	-	-	-	-	-	1	-	-
Under sentence of death, Dec. 31 <sup>2</sup> .....	631	642	334	134	242	486	418	417	464	462
White .....	293	306	167	64	109	217	224	227	274	274
Black .....	335	332	166	68	127	261	194	188	187	185

- Represents zero. <sup>1</sup> Prisoners found guilty of murder or of murder and other crime(s).

<sup>2</sup> Includes persons other than White or Black.

## No. 351. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1979

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167]

YEAR OR PERIOD	Total <sup>1</sup>	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES <sup>2</sup>		
				Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
All years .....	3,862	1,754	2,068	3,337	1,667	1,630	455	48	405	70	39	31
1930-1939 .....	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949 .....	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959 .....	717	336	373	601	316	280	102	13	89	14	7	7
1960-1964 .....	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967 .....	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976 .....	-	-	-	-	-	-	-	-	-	-	-	-
1977-1979 <sup>3</sup> .....	3	3	-	3	3	-	-	-	-	-	-	-

- Represents zero. <sup>1</sup> Includes races other than White or Black. <sup>2</sup> 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. <sup>3</sup> See footnote 1, table 352.

## No. 352. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1979

[No executions took place in Alaska, Hawaii, Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconsin from 1940 to 1979. At no time during this period was the death penalty authorized in Alaska, Hawaii, Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. At no time since the beginning of statehood in 1959 have Alaska or Hawaii authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 <sup>1</sup>	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 <sup>1</sup>	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 <sup>1</sup>
Total <sup>2</sup> .....	1,284	717	191	-	3	Iowa .....	7	1	2	-	-	Ohio .....	51	32	7	-	-
Ala. ....	50	20	5	-	-	Kans. ....	5	5	5	-	-	Okl. ....	13	7	6	-	-
Ariz. ....	9	8	4	-	-	Ky. ....	34	16	1	-	-	Oreg. ....	12	4	1	-	-
Ark. ....	38	18	9	-	-	La. ....	47	27	1	-	-	Pa. ....	36	31	3	-	-
Calif. ....	80	74	30	-	-	Md. ....	45	6	1	-	-	S.C. ....	61	26	8	-	-
Colo. ....	13	3	6	-	-	Mass. ....	9	-	-	-	-	S.Dak. ....	1	-	-	-	-
Conn. ....	10	5	1	-	-	Miss. ....	60	36	10	-	-	Tenn. ....	37	8	1	-	-
Del. ....	4	-	-	-	-	Mont. ....	15	7	4	-	-	Tex. ....	74	74	29	-	-
D.C. ....	16	4	-	-	-	Nebr. ....	1	-	-	-	-	Utah. ....	4	6	1	-	1
Fla. ....	65	49	12	-	1	Nev. ....	2	2	-	-	-	Vt. ....	1	2	-	-	-
Ga. ....	130	85	14	-	-	N.J. ....	10	9	2	-	-	Va. ....	35	23	6	-	-
Idaho. ....	-	3	-	-	-	N.Mex. ....	14	17	3	-	-	Wash. ....	16	6	2	-	-
Ill. ....	18	9	2	-	-	N.Y. ....	114	52	10	-	-	W.Va. ....	11	9	-	-	-
Ind. ....	7	2	1	-	-	N.C. ....	112	19	1	-	-	Wyo. ....	2	-	1	-	-

- Represents zero. <sup>1</sup> One execution in 1977, none in 1978, and two in 1979. <sup>2</sup> Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 350-352: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *National Prisoner Statistics: Capital Punishment*, annual.

# 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, National Oceanic and Atmospheric Administration (NOAA), and the Soil Conservation Service. 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*, and *Environmental Statistics*, 1978.

**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.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1977. The results, published in the *National Inventory of Land Resources, 1977*, cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

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, recommending national environmental policies, analyzing changes and trends in the environ-



ment, and for reviewing 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 about 4,000 in 1978. 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 Pollutant Emission Estimates, 1970-78*.

**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 *The 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 low values for a specified period and dividing by 2.

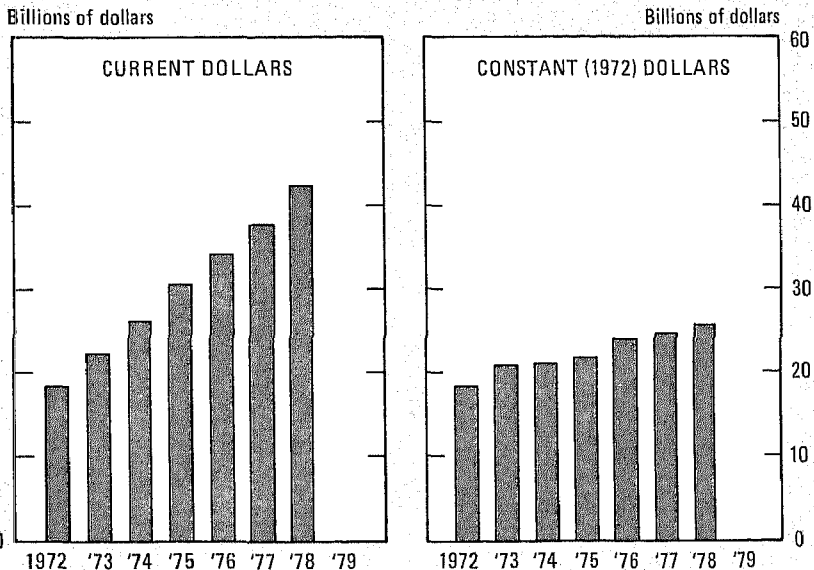
The base period for the normal values of temperature and precipitation is the 30-year period, 1941 through 1970. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the arithmetic averages of the monthly values for the 30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

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

**Figure 7.1**  
**National Expenditures for Pollution Abatement and Control**  
**In Current and Constant (1972) Dollars: 1972 to 1978**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 363.

### NO. 353. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

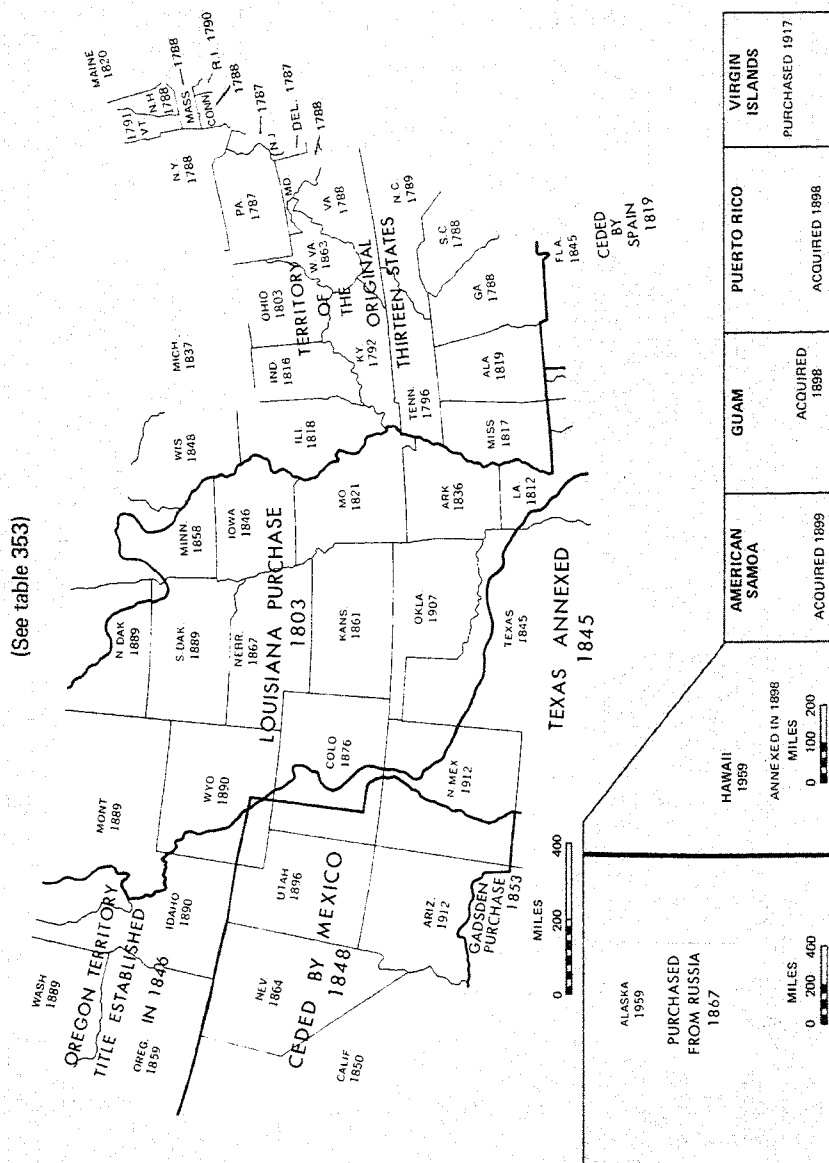
[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations 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	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
<b>Total <sup>1</sup></b>	<b>1970</b>	<b>3,630,854</b>	<b>9,403,912</b>	<b>Other:</b>			
United States <sup>1</sup>	(x)	3,618,467	9,371,829	Puerto Rico	<sup>4</sup> 1898	3,435	8,897
Territory in 1790 <sup>2</sup>	(x)	888,685	2,301,694	Guam	<sup>5</sup> 1898	212	549
Louisiana Purchase	1803	827,192	2,142,427	American Samoa	<sup>6</sup> 1899	76	197
By treaty with Spain:				Virgin Islands of the U.S.	1917	133	344
Florida	1819	58,560	151,670	Trust Territory of the Pacific Islands <sup>7</sup>	1947	8,489	21,987
Other areas <sup>8</sup>	1819	13,443	34,817	All other <sup>8</sup>	(x)	42	109
Texas	1845	390,143	1,010,470	The Philippines <sup>9</sup>	1898	115,600	299,404
Oregon	1846	285,580	739,652	Canal Zone <sup>10</sup>	1904	553	1,432
Mexican Cession	1848	529,017	1,370,154	Corn Islands <sup>11</sup>	1914	4	10
Gadsden Purchase	1853	29,640	76,768				
Alaska <sup>1</sup>	1867	589,757	1,527,470				
Hawaii	1898	6,450	16,706				

X Not applicable. <sup>1</sup> Area figure for Alaska corrected after 1970 Census of Population final reports were issued. <sup>2</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. <sup>3</sup> Includes parts of Alabama, Mississippi and Louisiana. <sup>4</sup> Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. <sup>5</sup> Acquired 1898; ratified 1899. <sup>6</sup> Acquired 1899; ratified 1900. <sup>7</sup> Under trusteeship. See table 7, footnotes 10 and 13. <sup>8</sup> 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) which were returned to Honduras in 1972, Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available. <sup>9</sup> 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. <sup>10</sup> Not included in total for 1970. <sup>11</sup> Not included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

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

**Figure 7.2 Territorial Expansion of the United States and Acquisitions of other Principal Areas**



## NO. 354. AREA OF STATES AND OTHER AREAS: 1970

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

STATE OR OTHER AREA	Year admitted to state- hood	TOTAL AREA			LAND AREA <sup>1</sup>		WATER AREA <sup>2</sup>	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States <sup>3</sup> .....	(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 .....	* 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 .....	* 1788	45	8,257	21,386	7,826	20,269	431	1,116
Rhode Island .....	* 1790	50	1,214	3,144	1,049	2,717	165	427
Connecticut .....	* 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 .....	* 1788	30	49,576	128,402	47,831	123,882	1,745	4,520
New Jersey .....	* 1787	46	7,836	20,295	7,521	19,479	315	816
Pennsylvania .....	* 1787	33	45,333	117,412	44,966	116,462	367	951
East North Central .....	(X)	(X)	248,283	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 .....	* 1787	49	2,057	5,328	1,982	5,133	75	194
Maryland .....	* 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 .....	* 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 .....	* 1789	28	52,586	136,198	48,798	126,387	3,788	9,811
South Carolina .....	* 1788	40	31,055	80,432	30,225	78,283	830	2,150
Georgia .....	* 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)	653,887	2,237,467	656,047	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	97,814	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	286,259	109,889	284,613	651	1,686
Pacific <sup>3</sup> .....	(X)	(X)	920,073	2,362,989	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 <sup>3</sup> .....	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 <sup>5</sup> .....	(X)	(X)	553	1,432	362	938	191	495
Guam .....	(X)	(X)	212	549	209	541	3	8
Trust Territory of Pacific Is. <sup>6</sup> .....	(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. <sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Figures for Alaska corrected after 1970 Census of Population final reports were issued. <sup>4</sup> Year of ratification of Constitution; one of the original 13 States. <sup>5</sup> See table 3, footnote 8. <sup>6</sup> 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. 355. COASTLINE OF THE UNITED STATES, BY STATES

(One mile = 1.609 kilometers)

STATE	GENERAL COASTLINE <sup>1</sup>		TIDAL SHORELINE <sup>2</sup>		STATE	GENERAL COASTLINE <sup>1</sup>		TIDAL SHORELINE <sup>2</sup>	
	Statute miles	Kilo-meters	Statute miles	Kilo-meters		Statute miles	Kilo-meters	Statute miles	Kilo-meters
<b>U.S.</b> .....	<b>12,383</b>	<b>19,924</b>	<b>88,633</b>	<b>142,610</b>	<b>Gulf coast</b> .....	<b>1,631</b>	<b>2,624</b>	<b>17,141</b>	<b>27,580</b>
<b>Atlantic coast</b> .....	<b>2,069</b>	<b>3,329</b>	<b>28,673</b>	<b>46,135</b>	Alabama.....	53	85	607	977
Connecticut.....	-	-	618	994	Florida.....	770	1,239	5,095	8,196
Delaware.....	28	45	381	613	Louisiana.....	397	639	7,721	12,423
Florida.....	580	933	3,331	5,360	Mississippi.....	44	71	359	578
Georgia.....	100	161	2,344	3,771	Texas.....	367	591	3,359	5,405
Maine.....	228	367	3,478	5,596	<b>Pacific coast</b> .....	<b>7,623</b>	<b>12,265</b>	<b>40,298</b>	<b>64,839</b>
Maryland.....	31	50	3,190	5,133	Alaska.....	5,580	8,978	31,383	50,495
Massachusetts.....	192	309	1,519	2,444	California.....	840	1,352	3,427	5,514
New Hampshire.....	13	21	131	211	Hawaii.....	750	1,207	1,052	1,693
New Jersey.....	130	209	1,792	2,893	Oregon.....	296	476	1,410	2,269
New York.....	127	204	1,850	2,977	Washington.....	157	253	3,026	4,869
North Carolina.....	301	484	3,375	5,430	<b>Arctic coast, Alaska</b> .....	<b>1,060</b>	<b>1,706</b>	<b>2,521</b>	<b>4,056</b>
Pennsylvania.....	-	-	89	143					
Rhode Island.....	40	64	384	618					
South Carolina.....	187	301	2,876	4,627					
Virginia.....	112	180	3,315	5,334					

- Represents zero. <sup>1</sup>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. <sup>2</sup>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. 356. 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 1. One square mile = 2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
<b>Total</b> .....	<b>74,364</b>	<b>192,603</b>	<b>Gulf of Mexico coastal water</b> .....	<b>3,837</b>	<b>9,938</b>
<b>Atlantic coastal water</b> .....	<b>2,298</b>	<b>5,952</b>	Alabama.....	560	1,450
Florida.....	37	96	Florida.....	1,698	4,398
Georgia.....	48	124	Louisiana.....	1,016	2,631
Maine.....	1,102	2,854	Mississippi.....	556	1,440
Massachusetts.....	959	2,484	Texas.....	7	18
Rhode Island.....	14	36	<b>Lake Michigan</b> .....	<b>22,178</b>	<b>57,441</b>
South Carolina.....	138	357	Illinois.....	1,526	3,952
<b>Chesapeake Bay</b> .....	<b>3,237</b>	<b>8,384</b>	Indiana.....	228	591
Maryland.....	1,726	4,470	Michigan.....	13,037	33,766
Virginia.....	1,511	3,913	Wisconsin.....	7,387	19,132
<b>Delaware Bay</b> .....	<b>665</b>	<b>1,722</b>	<b>New York Harbor</b> .....	<b>92</b>	<b>238</b>
Delaware.....	350	907	New Jersey.....	69	179
New Jersey.....	315	816	New York.....	23	60
<b>Lake Erie</b> .....	<b>5,002</b>	<b>12,955</b>	<b>Lake Ontario; New York</b> .....	<b>3,033</b>	<b>7,855</b>
Michigan.....	216	559	<b>Pacific coastal water</b> .....	<b>343</b>	<b>889</b>
New York.....	594	1,538	California.....	89	179
Ohio.....	3,457	8,954	Oregon.....	48	124
Pennsylvania.....	735	1,904	Washington.....	226	585
<b>Straits of Georgia and Juan de Fuca</b> .....			<b>Puget Sound; Washington</b> .....	<b>561</b>	<b>1,453</b>
Washington.....	1,610	4,170	Lake St. Clair; Michigan.....	116	300
Lake Huron; Michigan.....	8,975	23,245	<b>Lake Superior</b> .....	<b>21,118</b>	<b>54,696</b>
Long Island Sound.....	1,299	3,364	Michigan.....	16,231	42,038
Connecticut.....	573	1,484	Minnesota.....	2,212	5,729
New York.....	726	1,880	Wisconsin.....	2,675	6,928

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

NO. 357. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

[One foot = .305 meter]

STATE OR OTHER AREA	HIGHEST POINT			LOWEST POINT			APPROXIMATE MEAN ELEVATION	
	Name	Elevation		Name	Elevation		Feet	Meters
		Feet	Meters		Feet	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.....	Mt. 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	153
Del.....	Ebright Road, New Castle Co.....	442	135	Atlantic Ocean.....	(1)	(1)	60	18
D.C.....	Tenleytown.....	410	125	Potomac River.....	1	(2)	150	46
Fla.....	Sec. 30, T6N, R20W, Walton County <sup>2</sup> .....	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 <sup>2</sup> .....	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 <sup>2</sup> .....	5,426	1,655	Southeast corner of State.....	840	256	2,600	793
Nev.....	Boundary Peak.....	13,143	4,009	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	86	1,300	397
Oreg.....	Mount Hood.....	11,239	3,428	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.....	8,749	2,668	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	320
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
Virgin Is.....	Crown Mountain.....	1,556	475	Atlantic Ocean.....	(1)	(1)	750	229

Z Less than .5 meter. <sup>1</sup>Sea level. <sup>2</sup>"Sec." denotes section; "T," township; "R," range; "N," north; "W," west. Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

## No. 358. 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	Kilo-meters		Miles	Kilo-meters
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 California.....	1,450	2,333	Ohio/Mississippi River.....	991	1,578
Colorado (Texas)/Matagorda Bay.....	894	1,438	Ohio-Allegany/Mississippi River.....	1,306	2,101
Columbia/Pacific Ocean.....	1,214	1,953	Ouachita/Red River.....	605	973
Columbia, Upper/to mouth of Snake.....	890	1,432	Pecos/Rio Grande.....	926	1,480
Cumberland/Ohio River.....	687	1,105	Red (Okla.-Tex.-La.)/Mississippi River.....	1,222	1,966
Gila/Colorado River.....	630	1,014	Rio Grande/Gulf of Mexico.....	1,885	3,033
Green (Utah-Wyo.)/Colorado River.....	730	1,175	St. Lawrence/Lake Ontario.....	800	1,287
James (N.Dak.-S.Dak.)/Missouri River.....	710	1,142	Snake/Columbia River.....	1,000	1,609
Kuskokwim/Kuskokwim Bay.....	800	1,287	Tanana/Yukon River.....	800	1,287
Milk/Missouri River.....	625	1,006	Tennessee/Ohio River.....	552	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. 359. 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	Leech (Minn.).....	176	456
Champlain (N.Y., Vt., and Canada).....	490	1,269	Mille Lacs (Minn.).....	207	536
Flathead (Montana).....	197	510	Naknek (Alaska).....	242	627
Great Salt <sup>1</sup> (Utah).....	<sup>2</sup> 1,361	<sup>2</sup> 3,525	Okeechobee (Fla.).....	700	1,813
Iliamna (Alaska).....	1,000	2,590	Pontchartrain <sup>1</sup> (La.).....	625	1,619
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada).....	9,940	25,745	Pyramid <sup>1</sup> (Nev.).....	<sup>2</sup> 168	<sup>2</sup> 435
Lake Huron (Mich. and Canada).....	23,010	59,596	Rainy (Minn. and Canada).....	345	894
Lake Michigan (Ill., Ind., Mich., and Wis.).....	22,400	58,016	Red Lake, Upper and Lower (Minn.).....	451	1,188
Lake Ontario (N.Y. and Canada).....	7,540	19,529	St. Clair (Mich. and Canada).....	460	1,191
Lake Superior (Mich., Minn., Wis., and Canada).....	31,820	82,414	Salton Sea <sup>1</sup> (Calif.).....	<sup>2</sup> 375	<sup>2</sup> 971
Lake of the Woods (Minn. and Canada).....	1,485	3,846	Tahoe (Calif. and Nev.).....	193	500
			Teshkepkuk (Alaska).....	315	816
			Winnepago (Wis.).....	215	557

<sup>1</sup> Salty. <sup>2</sup> 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. 360. ESTIMATED DAILY WATER USE: 1940 TO 1975, AND PROJECTIONS TO 2000

[In billions of gallons. 1940-1960 not strictly comparable to later years due to differences in estimation procedures. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	TOTAL WATER USE <sup>1</sup>		IRRIGATION <sup>2</sup>		PUBLIC WATER UTILITIES <sup>3</sup>		SELF-SUPPLIED USES					
	Total	Ground	Total	Ground	Total	Ground	Rural domestic <sup>4</sup>		Industrial and miscellaneous <sup>5</sup>		Steam electric utilities <sup>1</sup>	
							Total	Ground	Total	Ground	Total	Ground
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 .....	372.18	68.71	127.12	45.27	27.34	9.42	4.46	3.55	47.41	9.04	165.85	1.43
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

<sup>1</sup> 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. <sup>2</sup> Total take, including delivery losses but not including reservoir evaporation. <sup>3</sup> Includes domestic central and commercial water withdrawals. <sup>4</sup> Rural farm and nonfarm household and garden use, and water for farm stock and dairies. <sup>5</sup> For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

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

## NO. 361. WATER WITHDRAWN PER DAY—STATES AND PUERTO RICO: 1970 AND 1975

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					Fresh water consumed, <sup>2</sup> 1975 (mil. gal.)	STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed, <sup>2</sup> 1975 (mil. gal.)
	1970		1975					1970		1975			
	Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Surface (bil. gal.)			Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Surface (bil. gal.)	
<b>Total .....</b>	<b>1,800</b>	<b>370.0</b>	<b>1,920</b>	<b>420.0</b>	<b>330</b>	<b>96,000</b>							
Ala.....	1,900	6.7	2,530	9.1	9	260	Mo.....	750	3.5	860	4.1	4	400
Alaska.....	830	.3	570	.2	(2)	6	Mont.....	12,000	8.0	15,440	12.0	11	2,800
Ariz.....	3,900	6.8	3,530	7.8	3	5,900	Nebr.....	4,100	6.0	5,820	8.7	3	6,000
Ark.....	1,600	3.0	2,390	5.1	3	2,200	N.H.....	940	.7	1,220	1.0	1	21
Calif.....	2,400	48.0	2,390	51.0	31	23,000	N.J.....	870	6.3	900	6.6	6	440
Colo.....	6,000	13.0	4,000	10.0	7	5,300	N. Mex.....	3,100	3.2	2,830	3.2	2	1,600
Conn.....	1,200	3.5	860	2.7	3	160	N.Y.....	970	18.0	1,340	24.0	23	740
Del.....	2,200	1.2	3,540	2.1	2	39	N.C.....	1,200	5.9	1,100	6.0	6	490
D.C.....	1,700	1.3	400	.3	(2)	18	N. Dak.....	1,000	.7	1,390	.9	1	240
Fla.....	2,300	15.0	2,150	18.0	15	2,300	Ohio.....	1,700	18.0	1,520	16.0	15	510
Ga.....	1,200	5.3	1,200	5.9	5	390	Okla.....	590	1.5	830	2.3	1	1,200
Hawaii.....	3,500	2.7	2,890	2.5	2	560	Oreg.....	2,800	5.9	3,020	6.9	6	3,200
Idaho.....	22,000	16.0	21,330	17.0	12	4,900	Pa.....	1,700	20.0	1,540	18.0	17	830
Ill.....	1,400	16.0	1,140	13.0	12	200	R.I.....	490	.5	520	.5	(2)	14
Ind.....	1,700	8.6	2,140	11.0	11	370	S.C.....	1,300	3.4	2,070	5.8	6	280
Iowa.....	750	2.1	1,220	3.5	3	220	S.D.....	910	.6	800	.6	(2)	300
Kans.....	1,700	3.8	2,580	5.8	1	4,100	Tenn.....	1,600	6.4	1,820	7.6	7	270
Ky.....	1,400	4.5	860	2.9	3	180	Tex.....	2,400	27.0	2,340	29.0	18	13,000
La.....	2,500	9.1	3,090	12.0	10	3,200	Utah.....	4,000	4.2	3,400	4.1	3	2,400
Maine.....	760	.8	1,130	1.2	1	41	Vt.....	250	.1	710	.3	(2)	110
Md.....	1,300	5.2	1,810	7.4	7	110	Va.....	1,200	5.5	1,500	7.5	7	71
Mass.....	740	4.2	1,500	8.8	8	110	Wash.....	2,100	7.2	2,040	7.2	7	2,500
Mich.....	1,500	13.0	1,640	15.0	14	310	W. Va.....	3,300	5.8	3,440	6.2	6	66
Minn.....	900	3.4	1,020	4.0	3	270	Wis.....	1,400	6.3	680	3.2	3	240
Miss.....	950	2.1	900	2.1	1	530	Wyo.....	17,000	5.8	19,320	7.2	7	2,100
							P. Rico <sup>3</sup> .....	1,100	3.0	1,270	4.2	4	250

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

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1970 and 1975*, Circulars 676 and 765.



### NO. 362. STATUS OF AUTHORIZED FEDERAL WATER PROJECTS OF THE CORPS OF ENGINEERS AND WATER AND POWER RESOURCES SERVICE: 1980 AND 1981

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

STATUS	NUMBER OF PROJECTS		Total estimated Federal cost <sup>1</sup>	Allocations through 1979	1980 budget allocations	1981 budget allocations	Balance to complete
	1980	1981					
<b>Corps of Engineers, total</b> .....	<b>4,319</b>	<b>4,317</b>	<b>64,049</b>	<b>28,250</b>	<b>2,278</b>	<b>1,609</b>	<b>31,909</b>
Construction not started.....	209	185	12,777	137	11	21	12,508
Active underway.....	281	284	25,112	11,023	1,362	1,588	12,149
Completed projects.....	3,476	3,500	17,797	16,962	835	-	-
Deferred projects.....	126	125	1,749	39	75	-	1,635
Inactive projects.....	247	223	5,611	89	5	-	5,517
<b>Water and Power Resources Service, total</b> .....	<b>265</b>	<b>265</b>	<b>20,240</b>	<b>8,741</b>	<b>415</b>	<b>591</b>	<b>10,493</b>
Construction not started.....	9	9	1,013	13	4	1	895
Active underway.....	79	69	14,714	5,770	341	589	8,014
Completed projects.....	161	171	2,858	2,788	70	-	-
Inactive projects.....	16	16	1,655	170	-	1	1,484

- Represents zero. <sup>1</sup> Gross cost for all years, excluding reimbursements, revenues, and contributions by other parties.

Source: U.S. Corps of Engineers, *Civil Works Summary—Active Authorized Backlog, Fiscal Year 1980*, and U.S. Water and Power Resources Services, unpublished data.

### NO. 363. NATIONAL EXPENDITURES FOR POLLUTION ABATEMENT AND CONTROL IN CURRENT AND CONSTANT (1972) DOLLARS, 1973 TO 1978, AND BY MEDIA, 1978

[In millions of dollars, except percent. Excludes agricultural business, real estate operators, private medical, legal, educational, and cultural services, and nonprofit organizations]

TYPE	1973	1974	1975	1976	1977	1978, prel.			
						Total <sup>1</sup>	Air	Water	Solid waste
CURRENT DOLLARS									
Total expenditures.....	22,289	26,155	30,630	34,153	37,541	42,277	16,771	19,201	6,670
Percent Government of total.....	27.9	28.6	28.6	28.3	26.9	29.0	4.2	44.4	30.4
Pollution abatement.....	20,897	24,573	28,874	32,162	35,217	39,700	15,583	18,574	6,581
Personal consumption.....	2,065	2,667	3,463	3,994	4,311	4,649	-	-	-
Durable goods.....	670	690	1,361	1,821	2,166	2,412	2,412	-	-
Nondurable goods and services.....	1,395	1,977	2,102	2,173	2,145	2,237	2,237	-	-
Business.....	13,432	15,397	17,809	19,798	22,282	24,776	10,654	10,566	4,621
On capital account.....	7,072	7,384	8,465	9,061	9,844	10,576	5,063	4,908	605
On current account.....	6,360	8,013	9,344	10,736	12,438	14,200	5,592	5,658	4,018
Government.....	5,400	6,509	7,602	8,370	8,624	10,276	280	8,008	1,959
Federal.....	203	294	432	472	491	461	87	300	45
State and local.....	1,433	1,592	1,752	1,834	1,963	2,118	1	203	1,914
Govt. enterprise fixed capital.....	3,763	4,623	5,418	6,064	6,170	7,697	192	7,505	-
Regulation and monitoring.....	490	595	653	725	830	921	265	397	49
Federal.....	278	346	381	402	429	507	94	187	27
Research and development <sup>2</sup> .....	903	988	1,104	1,266	1,494	1,656	923	231	41
Private.....	569	608	609	693	865	986	756	107	22
Federal.....	269	342	448	528	578	611	159	105	16
CONSTANT (1972) DOLLARS									
Total expenditures.....	20,932	21,027	22,670	23,880	24,461	25,652	9,832	11,598	4,356
Pollution abatement.....	19,626	19,672	21,300	22,420	22,881	24,029	9,094	11,200	4,299
Personal consumption.....	1,965	2,116	2,589	2,857	2,945	2,990	2,990	-	-
Business.....	12,636	12,093	12,690	13,327	13,933	14,489	5,941	6,116	3,014
Government.....	5,025	5,462	6,022	6,236	6,002	6,550	163	5,084	1,285
Regulation and monitoring.....	458	515	523	549	578	594	169	254	31
Research and development.....	849	840	847	911	1,002	1,029	569	145	26

- Represents zero. <sup>1</sup> Includes expenditures for abatement and control of noise, radiation, and pesticide pollution, and unallocated business expenditures, not shown separately. <sup>2</sup> Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1980.

### NO. 364. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1975 TO 1978

[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, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL				LAND QUALITY CONTROL <sup>1</sup>				AIR QUALITY CONTROL			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
Federal expenditures .....	2,552	3,139	4,318	4,413	62	98	125	132	213	242	256	323
Direct.....	377	456	467	490	55	94	118	116	179	189	200	263
Intergovernmental.....	2,175	2,682	3,851	3,923	7	4	7	16	34	53	56	60
State expenditures .....	751	939	862	869	105	108	134	148	95	157	189	185
Direct.....	316	326	381	457	89	87	120	128	86	148	178	171
Intergovernmental.....	436	613	481	412	16	21	14	20	9	10	11	14
Local expenditures <sup>2</sup> .....	5,323	6,008	6,466	6,834	2,127	2,321	2,337	2,780	41	39	32	35
Current operation .....	1,695	1,988	2,316	2,643	1,845	2,086	2,104	2,501	38	38	31	34
Capital outlay .....	3,628	4,020	4,150	4,191	282	235	233	279	3	1	1	1

<sup>1</sup> 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. <sup>2</sup> Direct expenditure. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1974-75* (GSS No. 83), *Fiscal Year 1975-76* (GSS No. 86), *Fiscal Year 1976-77* (GSS No. 90), and *Fiscal Year 1977-78* (GSS No. 97).

### NO. 365. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1980

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

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
<b>Total .....</b>	<b>3,701</b>	<b>4,909</b>	<b>5,995</b>	<b>7,481</b>	<b>9,212</b>	<b>10,777</b>	<b>12,488</b>	<b>12,528</b>
Annual percent change .....	28.9	32.6	22.1	24.8	23.1	17.0	15.9	.3
Pollution abatement and control.....	1,925	2,974	3,571	4,536	5,829	5,934	7,249	7,375
Percent Environmental Protection Agency .....	57.8	68.3	70.8	93.2	74.9	68.6	66.2	67.6
Protection and enhancement <sup>3</sup> .....	820	870	1,128	1,294	1,498	2,688	2,616	2,464
Aid to State and local governments.....	248	333	403	392	426	847	856	831
City recreation.....	59	93	110	98	205	425	338	234
Noncity general recreation .....	84	121	151	142	145	158	196	241
Sport fish and wildlife .....	66	68	90	85	7	121	108	120
Historic preservation and rehabilitation .....	9	11	11	14	47	39	45	48
Direct Federal activities <sup>3</sup> .....	571	537	725	902	1,073	1,841	1,759	1,633
Noncity general recreation .....	172	128	189	264	325	372	449	437
Preservation and protection <sup>4</sup> .....	155	151	164	245	303	647	520	409
Sport fish and wildlife .....	110	62	128	160	163	438	287	312
City recreation.....	46	108	145	139	113	132	196	184
Historic preservation and rehabilitation .....	53	41	60	39	73	63	133	115
Understanding, describing, and predicting <sup>3</sup> .....	956	1,065	1,296	1,651	1,885	2,155	2,624	2,689
Observe and predict weather, ocean conditions, etc. <sup>5</sup> .....	452	484	595	661	709	744	907	964
Locate and describe natural resources .....	250	260	351	423	490	688	861	811
Research on environmental impact on people .....	66	96	57	227	261	266	303	347
Ecological and other basic environmental research .....	66	89	125	169	206	242	266	276
Physical environmental surveys .....	103	115	146	155	199	197	262	264

<sup>1</sup> Estimated. <sup>2</sup> Change from 1972. <sup>3</sup> Includes activities not shown separately. <sup>4</sup> Unique natural areas and endangered species. <sup>5</sup> Includes earthquakes and other disturbances.

### NO. 366. FEDERAL OBLIGATIONS FOR POLLUTION ABATEMENT AND CONTROL: 1970 TO 1980

[In millions of dollars. For 1970 and 1975, year ending June 30; thereafter, for year ending Sept. 30. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government]

MEDIA	1970	1975	1978	1979	1980 <sup>1</sup>	SELECTED POLLUTANTS <sup>2</sup>	1970	1975	1978	1979	1980 <sup>1</sup>
<b>Total .....</b>	<b>1,071</b>	<b>6,103</b>	<b>5,370</b>	<b>7,961</b>	<b>8,701</b>	Toxics .....	(x)	(x)	49	238	336
Water .....	677	5,179	3,922	6,212	6,597	Solid wastes .....	20	174	152	240	323
Air .....	189	348	456	517	676	Radiation .....	116	160	188	167	184
Land .....	35	57	132	122	141	Pesticides .....	30	59	80	100	100
Other .....	169	519	860	1,110	1,287	Noise .....	36	50	46	72	64

X Not applicable. <sup>1</sup> Estimated. <sup>2</sup> Funds for selected pollutants are included in media breakdown.

Source of tables 365 and 366: U.S. Office of Management and Budget, *Special Analysis, Budget of the United States Government*, annual, and unpublished data.

**NO. 367. NEW CAPITAL BUSINESS EXPENDITURES FOR POLLUTION ABATEMENT, BY INDUSTRY:  
1975 TO 1979**

INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (mil. dol.)							PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS <sup>1</sup>				
	1975	1977	1978	1979				1975	1977	1978	1979	
				Total	Air	Water	Solid waste				Total	Air
<b>All Industries.....</b>	<b>6,549</b>	<b>6,939</b>	<b>6,924</b>	<b>7,143</b>	<b>3,915</b>	<b>2,664</b>	<b>564</b>	<b>5.8</b>	<b>5.1</b>	<b>4.5</b>	<b>4.0</b>	<b>2.2</b>
Manufacturing.....	4,475	4,282	3,951	3,976	2,103	1,493	381	9.3	7.0	5.8	5.1	2.7
Durable goods <sup>2</sup> .....	1,775	1,668	1,561	1,585	936	540	109	8.1	5.9	4.9	4.2	2.5
Primary metals.....	1,012	927	752	811	558	227	26	17.2	15.7	12.6	12.4	8.5
Electrical machinery.....	136	111	130	114	27	82	6	5.8	3.4	3.3	2.3	0.5
Machinery, exc. electrical.....	83	104	111	88	36	39	13	1.8	1.8	1.7	1.1	0.4
Transportation equipment.....	116	163	224	261	122	97	42	3.4	3.1	3.6	3.3	1.6
Stone, clay, and glass.....	198	149	164	145	116	22	7	14.3	7.3	6.6	5.0	4.0
Nondurable goods <sup>2</sup> .....	2,700	2,615	2,389	2,391	1,167	953	272	10.3	8.0	6.7	5.9	2.9
Food, incl. beverages.....	175	178	172	148	51	84	13	5.2	4.2	3.6	2.9	1.0
Textiles.....	31	35	29	31	21	10	1	4.6	3.8	2.8	3.0	2.0
Paper.....	489	468	239	297	133	124	40	16.8	13.8	7.1	6.1	2.8
Chemicals.....	684	701	565	440	203	184	53	10.9	10.2	7.8	5.2	2.4
Petroleum.....	1,239	1,167	1,294	1,385	708	530	147	11.8	8.2	8.3	8.4	4.3
Rubber.....	41	47	58	62	38	12	12	4.0	3.3	3.3	3.3	2.0
Nonmanufacturing.....	2,074	2,657	2,974	3,166	1,812	1,171	183	3.2	3.5	3.5	3.2	1.8
Mining.....	73	97	206	187	59	105	23	1.9	2.2	4.3	3.4	1.1
Railroad.....	35	28	36	20	2	17	1	1.4	1.0	1.1	0.5	0.1
Air transportation.....	11	14	15	12	7	5	1	.6	.8	.6	0.4	0.2
Other transportation.....	41	23	26	24	11	11	2	1.4	1.0	1.0	0.8	0.4
Public utilities.....	1,700	2,300	2,506	2,763	1,653	975	135	8.4	8.8	8.6	8.3	5.0
Communication, commercial, and other.....	214	195	185	160	79	59	22	.6	.5	.4	0.3	0.2

<sup>1</sup> Based on outlays reported in source; see also table 940.    <sup>2</sup> Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1980.

**NO. 368. AIR QUALITY—DAYS BY LEVEL OF PSI FOR SELECTED SMSA'S: 1976 TO 1978**

[PSI is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), total suspended particulates (TSP), photochemical oxidants or ozone (O<sub>3</sub>), and nitrogen dioxide (NO<sub>2</sub>). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0-100; unhealthy for 100-200; very unhealthy for 200-300; and hazardous for more than 300. For SMSA explanation, see Appendix III]

STANDARD METROPOLITAN STATISTICAL AREA	NUMBER OF DAYS ACCORDING TO POLLUTION STANDARDS INDEX (PSI)											
	1976				1977				1978			
	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300
Average, 23 SMSA's.....	284.0	63.6	18.1	.3	292.5	56.5	15.8	.2	292.7	56.8	15.0	.5
Los Angeles, Calif.....	98	126	142	-	112	136	117	-	159	111	95	-
Denver, Colo.....	184	149	33	-	222	122	20	1	192	133	39	1
Chicago, Ill.....	285	67	13	1	223	123	18	1	215	119	28	3
Riverside-San Bernardino-Ontario, Calif.....	192	86	88	-	183	74	108	-	220	77	68	-
St. Louis, Mo.-Ill.....	225	108	27	6	262	90	13	-	246	94	18	7
Louisville, Ky.-Ind.....	206	146	14	-	262	90	12	1	271	86	8	-
Houston, Tex.....	302	52	12	-	315	39	11	-	271	70	24	-
Philadelphia, Pa.-N.J.....	279	80	7	-	286	69	10	-	284	71	10	-
Portland, Oreg.-Wash.....	296	67	3	-	284	76	5	-	290	73	2	-
Salt Lake City, Utah.....	256	85	25	-	304	52	9	-	294	51	20	-
Washington, D.C.-Md.-Va.....	219	132	15	-	291	67	7	-	295	67	3	-
Kansas City, Mo.-Kans.....	359	6	1	-	340	17	8	-	299	57	9	-
Seattle-Everett, Wash.....	276	85	5	-	270	91	4	-	303	60	2	-
Cincinnati, Ohio-Ky.-Ind.....	325	40	1	-	302	59	4	-	326	38	1	-
San Diego, Calif.....	292	65	9	-	320	41	4	-	327	32	6	-
Memphis, Tenn.-Ark.-Miss.....	342	24	-	-	343	19	2	1	328	34	3	-
Milwaukee, Wis.....	334	24	8	-	332	26	7	-	331	31	3	-
Sacramento, Calif.....	328	35	3	-	346	19	-	-	338	25	2	-
Buffalo, N.Y.....	335	23	8	-	325	37	3	-	342	20	3	-
San Francisco, Calif.....	321	44	1	-	341	24	-	-	343	21	1	-
Syracuse, N.Y.....	359	5	2	-	358	5	2	-	347	18	-	-
Tampa-St. Petersburg, Fla.....	361	5	-	-	346	19	-	-	353	12	-	-
Rochester, N.Y.....	358	8	-	-	361	4	-	-	359	6	-	-

- Represents zero.

Source: U.S. Council on Environmental Quality, *Environmental Quality—1979*.

## No. 369. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1972 TO 1979

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations,  $\mu\text{g}/\text{M}^3 =$  micrograms of pollutant per cubic meter of air;  $\text{mg}/\text{M}^3 =$  milligrams of pollutant per cubic meter of air]

POLLUTANT	Monitoring stations, number	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Carbon monoxide ( $\text{mg}/\text{M}^3$ ).....	183	3.4	3.3	3.1	3.0	2.7	2.5	2.3	2.2
Photochemical oxidants ( $\mu\text{g}/\text{M}^3$ ).....	230	(NA)	(NA)	123.5	123.5	123.5	123.5	123.4	123.5
Sulfur dioxide ( $\mu\text{g}/\text{M}^3$ ).....	1,322	23	21	21	20	20	19	18	19
Total suspended particulates ( $\mu\text{g}/\text{M}^3$ ).....	3,000	65	64	62	60	61	61	60	60

NA Not available.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1977*, and unpublished data.

## No. 370. AIR POLLUTANTS—NATIONAL EMISSION ESTIMATES: 1970 TO 1978

[In millions of short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978
Particulates <sup>1</sup> .....	25.6	24.2	23.1	22.4	19.7	16.1	15.5	15.0	13.8
Sulfur oxides.....	32.8	31.1	32.3	33.5	31.4	28.9	30.2	30.0	29.8
Nitrogen oxides.....	21.9	22.7	23.8	24.7	24.0	23.0	24.8	25.8	25.7
Hydrocarbons.....	31.2	30.6	32.6	31.3	29.9	27.9	29.8	29.9	30.6
Carbon monoxide.....	113.1	113.6	115.0	114.1	109.8	107.1	113.4	112.8	112.5

<sup>1</sup> 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.

## No. 371. AIR POLLUTANT EMISSIONS, BY SOURCE: 1970 TO 1978

YEAR AND POLLUTANT	Total emissions (mil. sh. tons)	CONTROLLABLE EMISSIONS (mil. sh. tons)						Misc. uncontrollable (mil. sh. tons)	PERCENT OF TOTAL		
		Transportation		Fuel combustion <sup>1</sup>		Industrial processes	Solid waste disposal		Transportation	Fuel combustion <sup>1</sup>	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide.....	113.1	88.8	78.1	1.7	(NA)	8.5	7.2	6.9	78.5	1.5	7.5
Sulfur oxides.....	32.8	.8	.3	25.0	17.5	6.8	.1	.1	2.4	76.2	20.7
Hydrocarbons.....	31.2	12.9	11.4	.4	(NA)	12.3	2.0	3.5	41.3	1.3	39.4
Particulates <sup>2</sup> .....	25.6	1.2	.8	7.9	4.5	14.1	1.2	1.1	4.7	30.9	55.1
Nitrogen oxides.....	21.9	8.2	5.8	12.5	5.7	.8	.3	.2	37.4	57.1	3.7
1975: Carbon monoxide.....	107.1	90.7	81.4	1.4	(NA)	7.4	3.5	4.1	84.7	1.3	6.9
Sulfur oxides.....	28.9	.9	.4	23.0	18.6	5.0	—	—	3.1	79.6	17.3
Hydrocarbons.....	27.9	11.9	10.5	.3	(NA)	10.1	1.0	2.4	42.7	1.1	36.2
Particulates <sup>2</sup> .....	16.1	1.0	.8	5.6	4.1	8.2	.6	.7	6.2	34.8	50.9
Nitrogen oxides.....	23.0	9.5	7.1	12.5	6.8	.8	.2	.1	41.3	54.3	3.5
1978: Carbon monoxide.....	112.5	94.2	85.0	1.3	(NA)	8.4	3.0	5.6	83.6	1.1	7.5
Sulfur oxides.....	29.8	.9	.4	24.4	19.4	4.5	—	—	3.0	81.9	15.1
Hydrocarbons.....	30.6	11.8	10.2	.3	(NA)	15.0	.9	2.6	38.6	1.0	49.0
Particulates <sup>2</sup> .....	13.8	1.4	1.0	4.2	2.6	6.8	.6	.8	10.1	30.4	49.3
Nitrogen oxides.....	25.7	10.4	7.4	14.2	7.9	.9	.1	.1	40.5	55.2	3.5

NA Not available. — Represents zero. <sup>1</sup> Stationary. <sup>2</sup> See footnote 1, table 370.

Source of tables 370 and 371: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates 1970-78*.

## No. 372. MOTOR VEHICLE POLLUTANT EMISSIONS PER VEHICLE-MILE TRAVELED: 1970 TO 1981

[In grams per mile. Estimated. Data based on 1975 city/highway weighted Federal Test Procedure which assumes an average speed of 19.6 mph at 75 degrees F]

POLLUTANT AND SOURCE	1970	1974	1975	1976	1977	1978	1979	1980 proj.	1981 proj.	PERCENT CHANGE	
										1970-1975	1976-1981
All vehicles:											
Carbon monoxide.....	86.9	79.0	77.0	74.3	71.4	68.3	65.2	60.6	55.5	-11.4	-25.3
Hydrocarbons.....	12.1	9.9	9.4	8.9	8.4	7.9	7.3	6.6	5.8	-22.3	-34.8
Nitrogen oxides.....	4.7	4.7	4.6	4.4	4.1	3.9	3.8	3.6	3.4	-2.1	-22.7
Automobiles:											
Carbon monoxide.....	76.7	69.7	67.7	64.8	61.5	58.0	54.5	49.4	43.6	-11.7	-32.7
Hydrocarbons.....	10.8	8.7	8.3	7.7	7.2	6.6	6.0	5.3	4.6	-23.1	-40.3
Nitrogen oxides.....	3.8	3.8	3.6	3.4	3.1	2.9	2.7	2.6	2.4	-5.3	-29.4

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

### NO. 373. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE: 1975 TO 1978

(In percent. Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. For metric conversions, see p. x)

POLLUTANT	VIOLATION LEVEL	1975	1976	1977	1978
Fecal coliform bacteria.....	Above 200 cells per 100 ml.....	37	31	31	38
Dissolved oxygen.....	Below 5.0 mg per liter.....	3	6	10	6
Phosphorus.....	Below .1 mg per liter.....	47	46	45	47

Source: U.S. Council on Environmental Quality, unpublished data.

### NO. 374. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1978

ITEM	Unit	1960 <sup>1</sup>	1970 <sup>1</sup>	1978	ITEM	Unit	1960 <sup>1</sup>	1970 <sup>1</sup>	1978
U.S. population .....	Mil .....	180	203	220	Degree of treatment:				
Not served by sewers.....	Mil .....	70	58	66	Primary .....	Mil .....	36	{ (NA)	21
Percent of population .....	Pct .....	39	29	30	Advanced primary.....	Mil .....		{ (NA)	26
Served by sewers .....	Mil .....	110	145	154	Secondary .....	Mil .....	4	{ (NA)	56
Not treated.....	Mil .....	70	59	2	Advanced secondary .	Mil .....		{ (NA)	31
Treated .....	Mil .....	40	86	152	Tertiary .....	Mil .....		{ (NA)	18

NA Not available. <sup>1</sup> Data for 1960 and 1970 not strictly comparable with 1978.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978, U.S. Environmental Protection Agency, 1978 Needs Survey, *Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, 1979.

### NO. 375. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1972 TO 1978

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1972, discharges.....	9,931	18,806	1978—Con.			1978—Con.		
1973, discharges.....	13,328	24,315	Nontransportation facilities.....	2,311	3,237	Type of pollutant:		
1974, discharges.....	13,966	16,916	Onshore.....	517	833	Crude oil.....	2,112	3,367
1975, discharges.....	12,057	14,967	Offshore.....	865	88	Diesel oil.....	2,741	1,609
1976, discharges.....	12,655	33,852	Other.....	929	2,317	Other oil.....	6,953	8,226
1977, discharges.....	12,844	19,900	Pipeline.....	456	1,609	Other or unknown.....	2,517	3,223
1978, discharges.....	14,333	17,426	Marine facilities.....	734	6,348	Location:		
Vessel.....	4,417	4,507	Onshore/offshore.....	571	6,088	Atlantic Coast.....	3,440	7,836
Tankship.....	796	332	Land vehicles.....	589	623	Gulf Coast.....	4,503	4,598
Tank barge.....	1,143	3,731	Land facilities.....	254	484	Pacific Coast.....	2,610	306
Other.....	2,478	444	Other or unknown.....	5,592	618	Great Lakes.....	781	171
						Inland.....	2,999	4,516

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, 1978.

### NO. 376. SOLID WASTE GENERATION, RECOVERY, AND DISPOSAL: 1960 TO 1978

(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	1960	1965	1970	1974	1975	1976	1977	1978
Gross waste generated.....	86.9	104.8	131.1	143.1	135.6	143.2	147.6	150.4
Per person per day (lb.).....	2.64	2.96	3.50	3.70	3.48	3.65	3.70	3.77
Net waste disposed of.....	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.0
Per person per day (lb.).....	2.46	2.78	3.29	3.43	3.25	3.38	3.41	3.46
Resources recovered.....	6.1	6.4	7.7	10.5	8.9	10.7	11.7	12.4
Per person per day (lb.).....	.18	.18	.21	.27	.23	.27	.30	.31
Percent of gross discards:								
Paper.....	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1
Glass.....	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3
Metal.....	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5
Aluminum.....	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3
Rubber.....	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3

NA Not available.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

## NO. 377. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1978

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

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978
Production, total .....	Mil. lb. ....	648	877	1,034	1,417	1,603	1,364	1,388	1,416
Average annual change <sup>1</sup> .....	Percent .....	(NA)	6.2	3.3	9.9	13.1	–15.2	1.7	2.1
Herbicides .....	Mil. lb. ....	102	263	404	604	788	656	674	664
Insecticides .....	Mil. lb. ....	366	490	490	650	660	566	570	605
Fungicides .....	Mil. lb. ....	179	124	140	163	155	142	143	148
Production value <sup>2</sup> .....	Mil. dol. ....	307	577	1,058	1,995	2,901	2,880	3,116	3,342
Average annual change <sup>1</sup> .....	Percent .....	(NA)	13.5	12.9	17.0	46.2	–1.3	8.2	7.3
Sales, total .....	Mil. lb. ....	570	764	881	1,365	1,328	1,193	1,263	1,300
Sales value <sup>2</sup> .....	Mil. dol. ....	262	497	870	1,815	2,366	2,410	2,608	3,041

NA Not available. <sup>1</sup> From previous year shown. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1978. Data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

## NO. 378. PESTICIDE RESIDUES IN HUMAN TISSUE—CONCENTRATION LEVELS: 1970 TO 1976

[In parts per million (ppm). Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue by medical pathologists from selected cities in the conterminous 46 states as part of the National Human Monitoring Program for Pesticides]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976
DDT .....	7.88	7.95	6.86	5.86	4.99	5.12	4.84
Dieldrin .....	.18	.22	.18	.18	.15	.17	.15
Oxychlorthane .....	(NA)	(NA)	.11	.12	.12	.14	.14
Heptachlor epoxide .....	.09	.09	.08	.09	.08	.11	.11

NA Not available.

Source: 1970–1974, Kutz, R. W., S. C. Strassman, and A. R. Yobs, "Survey of Pesticide Residue and Their Metabolites in Humans," *Pesticide Management and Insecticide Resistance*; 1975–1976 U.S. Environmental Protection Agency, unpublished data.

## NO. 379. THREATENED AND ENDANGERED WILDLIFE SPECIES—NUMBER: 1980

[As of Jan. 31. Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mam- mals	Birds	Rep- tiles	Amphib- ians	Fishes	Snails	Clams	Crusta- ceans	Insects	Plants
Endangered species .....	266	212	61	14	40	3	25	1	6	49
United States .....	35	67	11	5	29	2	23	1	6	49
Foreign <sup>1</sup> .....	251	145	50	9	11	1	2	–	–	–
Threatened species .....	24	3	10	2	12	5	–	–	2	9
United States .....	3	3	10	2	12	5	–	–	2	7
Foreign <sup>1</sup> .....	21	–	–	–	–	–	–	–	–	2

– Represents zero. <sup>1</sup> Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Feb. 1980, vol. V, No. 2.

## NO. 380. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1978

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

ITEM	1946– 1955	1956– 1965	1966– 1975	1971	1972	1973	1974	1975	1976	1977	1978
Tornadoes, number <sup>1</sup> .....	2,969	6,572	8,030	888	741	1,102	947	920	835	852	788
Lives lost, total .....	1,751	924	1,172	156	27	87	361	60	44	43	53
Most in a single tornado .....	169	44	58	58	6	7	34	9	5	22	16
Property loss of \$500,000 and over .....	130	191	428	35	29	76	107	42	46	46	59
Floods: Lives lost .....	808	557	1,528	74	540	105	121	114	187	212	102
Property loss (mil. dol.) .....	3,350	2,721	10,225	288	3,449	859	576	1,051	1,000	1,393	1,000
North Atlantic tropical cyclones and hurri- cane: <sup>2</sup> .....											
Number reaching U.S. coast .....	40	33	25	5	3	1	1	1	2	1	2
Hurricanes only .....	21	14	13	3	1	–	1	1	1	1	–
Lives lost in U.S. ....	495	692	504	8	121	5	1	21	9	–	35

– Represents zero. <sup>1</sup> 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." <sup>2</sup> 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. 381. 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	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.) <sup>1</sup>
			Spring date		Fall date			
			Mean	Latest	Mean	Earliest		
Ala.	Mobile <sup>2</sup>	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 <sup>2</sup>	5,283	May 2	May 28	Oct. 14	Sept. 18	166	12
Conn.	Hartford <sup>2</sup>	169	Apr. 22	May 10	Oct. 19	Sept. 27	139	13
Del.	Wilmington <sup>2</sup>	74	Apr. 18	May 9	Oct. 26	Sept. 27	103	25
D.C.	Washington <sup>2</sup>	10	Apr. 10	May 12	Oct. 28	Oct. 2	80	12
Fla.	Jacksonville <sup>2</sup>	24	Feb. 6	Mar. 14	Dec. 16	Nov. 9	11	31
	Miami <sup>2</sup>	7	( <sup>2</sup> )	Feb. 6	( <sup>2</sup> )	( <sup>2</sup> )	—	8
Ga.	Atlanta	1,010	Mar. 19	Mar. 29	Nov. 10	Oct. 28	60	12
Hawaii	Honolulu <sup>2</sup>	7	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	—	15
Idaho	Boise <sup>2</sup>	2,839	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 <sup>2</sup>	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 <sup>2</sup>	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27	114	19
Ky.	Louisville <sup>2</sup>	477	Apr. 1	Apr. 19	Nov. 7	Oct. 15	95	12
La.	New Orleans <sup>2</sup>	4	Feb. 15	Mar. 20	Dec. 3	Nov. 13	12	26
Maine	Portland <sup>2</sup>	43	Apr. 29	May 30	Oct. 15	Sept. 17	161	32
Md.	Baltimore <sup>2</sup>	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 <sup>2</sup>	1,428	May 13	June 1	Oct. 3	Sept. 13	188	11
	Minneapolis <sup>2</sup>	834	Apr. 30	May 24	Oct. 13	Sept. 18	160	13
Miss.	Jackson <sup>2</sup>	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 <sup>2</sup>	3,662	May 14	June 8	Sept. 26	Sept. 7	155	11
Nebr.	Omaha <sup>2</sup>	977	Apr. 14	May 11	Oct. 19	Sept. 24	139	9
Nev.	Reno <sup>2</sup>	4,404	May 14	June 25	Oct. 2	Aug. 30	188	9
N.H.	Concord <sup>2</sup>	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 <sup>2</sup>	5,311	Apr. 16	May 18	Oct. 29	Oct. 11	120	12
N.Y.	Albany <sup>2</sup>	275	Apr. 27	May 20	Oct. 13	Sept. 23	159	7
	Buffalo <sup>2</sup>	705	Apr. 30	May 24	Oct. 25	Sept. 23	138	12
	New York <sup>2</sup>	132	Apr. 7	Apr. 24	Nov. 12	Oct. 19	82	59
N.C.	Charlotte <sup>2</sup>	736	Mar. 21	Apr. 16	Nov. 15	Oct. 15	74	12
	Raleigh <sup>2</sup>	434	Mar. 24	Apr. 25	Nov. 16	Oct. 24	85	8
N. Dak.	Bismarck <sup>2</sup>	1,647	May 11	June 2	Sept. 24	Sept. 6	186	13
Ohio	Cincinnati <sup>2</sup>	761	Apr. 15	May 25	Oct. 25	Sept. 28	99	57
	Cleveland <sup>2</sup>	777	Apr. 21	May 14	Nov. 2	Sept. 29	127	12
	Columbus <sup>2</sup>	812	Apr. 17	May 9	Oct. 30	Oct. 7	124	13
Okla.	Oklahoma City <sup>2</sup>	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 <sup>2</sup>	5	Mar. 30	Apr. 20	Nov. 17	Oct. 19	104	13
	Pittsburgh <sup>2</sup>	1,137	Apr. 16	May 4	Nov. 3	Oct. 10	126	13
R.I.	Providence <sup>2</sup>	51	Apr. 13	Apr. 24	Oct. 27	Oct. 3	127	9
S.C.	Columbia <sup>2</sup>	213	Mar. 14	Apr. 13	Nov. 21	Nov. 1	65	6
S. Dak.	Sioux Falls <sup>2</sup>	1,418	May 5	May 29	Oct. 3	Sept. 12	172	9
Tenn.	Memphis <sup>2</sup>	258	Mar. 20	Apr. 15	Nov. 12	Oct. 17	60	31
	Nashville <sup>2</sup>	590	Mar. 28	Apr. 19	Nov. 7	Oct. 17	81	7
Tex.	Dallas <sup>2</sup>	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 <sup>2</sup>	4,220	Apr. 12	Apr. 30	Nov. 1	Sept. 25	137	13
Vt.	Burlington <sup>2</sup>	332	May 8	May 27	Oct. 3	Sept. 13	168	8
Va.	Norfolk <sup>2</sup>	22	Mar. 18	Apr. 14	Nov. 27	Nov. 7	55	24
	Richmond <sup>2</sup>	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 <sup>2</sup>	939	Apr. 18	May 11	Oct. 28	Sept. 29	100	25
Wis.	Milwaukee <sup>2</sup>	672	Apr. 20	May 9	Oct. 25	Sept. 24	149	12
Wyo.	Cheyenne <sup>2</sup>	6,126	May 20	June 18	Sept. 27	Sept. 5	173	13
P.R.	San Juan <sup>2</sup>	13	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	17

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

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

## No. 382. 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	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	83.9	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	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	51.7	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	58.4	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	81.0	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	65.8
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	75.6
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	48.8
	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	50.9
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	44.3	35.4	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	48.1	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	78.0	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	61.3	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 <sup>1</sup> .....	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	81.3	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

<sup>1</sup> City office data.

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



## NO. 383. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

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

STATE	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
Ala.	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
Alaska	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	85.9	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
Calif.	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
Calif.	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
Calif.	San Francisco	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
Fla.	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
Ill.	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
Mich.	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	17.5	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
Minn.	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
Mo.	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	78.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
N.Y.	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
N.Y.	New York	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
N.C.	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
Ohio	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
Ohio	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
Pa.	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
Tenn.	Nashville	47.6	50.9	58.2	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
Tex.	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
Utah	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
Va.	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	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
Wash.	Tacoma	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.	Spokane	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.	Charleston	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, *Climatology of the United States*, No. 81.

## No. 384. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

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

STATE	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	38.4	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	60.6	46.7	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	61.8	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
D.C.	Washington	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
	Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.6	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	36.2	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	-1.6	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	55.8	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	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	55.6	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	40.6
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
Vi.	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	40.5	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, *Climatology of the United States*, No.81.

## NO. 385. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	37	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska.....	Juneau.....	35	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz.....	Phoenix.....	41	88	89	95	104	113	117	118	116	118	104	93	88	118
Ark.....	Little Rock.....	37	83	83	91	92	98	104	107	108	106	97	86	80	108
Calif.....	Los Angeles.....	43	88	92	93	95	97	100	97	98	110	106	101	94	110
	Sacramento.....	26	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco.....	51	72	78	85	88	96	106	104	98	103	95	85	75	106
	Denver.....	44	72	76	84	85	96	104	104	101	97	88	79	74	104
Conn.....	Hartford.....	24	65	70	87	96	96	100	102	101	96	91	81	65	102
Del.....	Wilmington.....	31	75	74	80	91	95	99	102	101	100	91	85	72	102
D.C.....	Washington.....	37	79	82	89	95	97	101	103	100	100	94	86	75	103
Fla.....	Jacksonville.....	37	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami.....	36	87	89	92	96	94	98	96	98	95	92	89	87	98
Ga.....	Atlanta.....	30	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii.....	Honolulu.....	9	87	87	88	89	89	90	90	92	92	91	89	89	92
Idaho.....	Boise.....	39	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill.....	Chicago.....	20	61	71	80	87	93	97	98	96	99	91	78	67	99
	Peoria.....	39	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind.....	Indianapolis.....	39	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa.....	Des Moines.....	39	62	73	84	90	98	101	105	102	101	95	76	69	105
Kans.....	Wichita.....	26	75	84	89	96	100	106	113	110	105	95	81	83	113
Ky.....	Louisville.....	31	77	77	85	91	95	102	105	101	104	92	84	73	105
La.....	New Orleans.....	32	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine.....	Portland.....	38	64	64	66	85	92	97	99	103	95	88	74	62	103
Md.....	Baltimore.....	28	75	76	85	94	98	100	102	102	99	92	83	74	102
Mass.....	Boston.....	27	63	68	81	94	93	100	102	102	100	90	77	70	102
Mich.....	Detroit.....	44	67	68	82	87	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie.....	38	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn.....	Duluth.....	37	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul.....	40	58	59	83	92	96	100	104	102	98	89	75	63	104
Miss.....	Jackson.....	15	82	84	88	92	99	103	102	99	98	91	88	84	103
Mo.....	Kansas City.....	6	61	74	82	85	91	98	107	104	98	92	82	67	107
	St. Louis.....	21	76	85	88	92	92	98	106	105	100	94	82	76	106
Mont.....	Great Falls.....	41	62	67	78	87	90	99	105	106	98	91	76	69	106
Nebr.....	Omaha.....	43	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev.....	Reno.....	37	70	74	83	88	95	101	104	103	101	91	77	70	104
N.H.....	Concord.....	37	68	66	85	95	97	98	102	101	98	90	80	63	102
N.J.....	Atlantic City.....	35	78	73	87	94	99	108	104	102	97	90	84	72	106
N. Mex.....	Albuquerque.....	39	69	75	85	88	95	105	104	100	98	89	77	72	105
N.Y.....	Albany.....	32	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo.....	95	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York 1.....	110	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C.....	Charlotte.....	39	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh.....	34	79	84	92	93	97	104	105	101	104	98	88	79	105
N. Dak.....	Bismarck.....	39	54	68	81	92	98	100	109	109	105	95	75	62	109
Ohio.....	Cincinnati.....	17	69	73	82	89	93	97	100	102	98	88	80	70	102
	Cleveland.....	37	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus.....	39	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla.....	Okahoma City.....	25	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg.....	Portland.....	38	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa.....	Philadelphia.....	37	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh.....	26	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I.....	Providence.....	25	66	69	78	98	94	95	100	104	93	85	78	69	104
S.C.....	Columbia.....	31	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak.....	Sioux Falls.....	33	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn.....	Memphis.....	37	78	81	85	91	99	104	106	105	103	95	85	79	106
	Nashville.....	39	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.....	Dallas-Fort Worth.....	25	88	88	96	95	98	105	109	108	105	98	89	88	109
	El Paso.....	39	80	83	88	96	104	111	109	105	103	96	84	80	111
	Houston.....	9	84	84	90	89	95	101	102	101	97	93	89	83	102
Utah.....	Salt Lake City.....	50	61	69	78	85	93	104	107	103	98	89	75	67	107
Vi.....	Burlington.....	35	63	60	84	91	93	96	99	101	94	85	75	62	101
Va.....	Norfolk.....	30	78	81	85	97	97	101	103	102	98	95	86	80	103
	Richmond.....	49	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash.....	Seattle-Tacoma.....	34	61	70	72	85	93	96	97	99	93	81	74	61	99
	Spokane.....	31	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va.....	Charleston.....	31	79	78	87	91	93	93	100	100	102	92	85	80	102
Wis.....	Milwaukee.....	38	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo.....	Cheyenne.....	43	63	71	73	82	90	100	100	95	93	83	73	69	100
P.R.....	San Juan.....	24	90	92	93	94	94	96	93	96	95	95	93	90	96

1 City office data.

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

## No. 366. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	37	8	11	11	36	43	56	60	59	42	32	22	10	8
Alaska.....	Juneau.....	35	-22	-22	-15	6	25	31	36	27	23	12	-5	-21	-22
Ariz.....	Phoenix.....	41	17	22	25	32	40	50	61	60	47	34	25	22	1
Ark.....	Little Rock.....	37	-4	-5	11	28	40	46	54	52	37	31	17	2	-5
Calif.....	Los Angeles.....	43	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento.....	28	23	26	26	32	36	41	49	49	43	36	28	20	20
	San Francisco.....	51	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.....	Denver.....	44	-25	-30	-11	-2	22	30	43	41	20	3	-8	-18	-30
Conn.....	Hartford.....	24	-26	-21	-6	9	28	37	44	36	30	17	12	-9	-26
Del.....	Wilmington.....	31	-4	-4	7	22	30	41	50	46	36	24	14	3	-4
D.C.....	Washington.....	37	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.....	Jacksonville.....	37	19	19	25	35	45	56	61	64	50	36	21	12	12
	Miami.....	36	31	32	37	46	53	65	69	68	69	51	39	34	31
Ga.....	Atlanta.....	30	-3	5	10	26	37	46	53	56	36	28	3	1	-3
Hawaii.....	Honolulu.....	9	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho.....	Boise.....	39	-17	-10	6	19	26	33	41	37	23	11	-3	-23	-23
Ill.....	Chicago.....	20	-20	-17	-8	13	24	36	40	41	28	19	1	-17	-20
	Peoria.....	39	-25	-16	-10	17	25	39	47	43	26	19	-2	-18	-25
Ind.....	Indianapolis.....	39	-20	-19	-6	16	28	39	44	41	28	17	-2	-15	-20
Iowa.....	Des Moines.....	39	-24	-20	-22	9	30	38	47	40	26	14	-3	-16	-24
Kans.....	Wichita.....	26	-12	-6	-2	15	31	43	51	48	35	21	1	-5	-12
Ky.....	Louisville.....	31	-20	-19	-1	24	31	42	50	49	33	23	-1	-9	-20
La.....	New Orleans.....	32	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine.....	Portland.....	38	-26	-39	-21	8	23	33	40	33	23	15	5	-21	-39
Md.....	Baltimore.....	28	-7	-1	6	20	32	40	52	48	35	25	13	0	-7
Mass.....	Boston.....	27	-12	-4	-6	17	34	46	54	47	38	28	17	-4	-12
Mich.....	Detroit.....	44	-13	-16	-1	14	30	38	42	43	32	24	5	-5	-16
	Sault Ste. Marie.....	38	-30	-28	-24	1	18	28	36	32	25	16	-10	-24	-30
Minn.....	Duluth.....	37	-39	-32	-28	-5	17	27	36	33	22	8	-23	-33	-39
	Minneapolis-St. Paul.....	40	-34	-28	-32	2	18	34	43	39	26	15	-17	-24	-34
Miss.....	Jackson.....	15	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo.....	Kansas City.....	6	-13	-5	-10	12	30	49	52	50	39	21	1	-11	-13
	St. Louis.....	21	-14	-8	-5	22	31	43	51	47	36	23	1	-10	-14
Mont.....	Great Falls.....	41	-37	-35	-29	-6	15	31	40	35	23	-3	-23	-43	-43
Nebr.....	Omaha.....	43	-22	-19	-16	5	27	39	44	43	30	13	-9	-15	-22
Nev.....	Reno.....	37	-16	-12	-2	13	18	25	33	24	20	8	1	-16	-16
N.H.....	Concord.....	37	-30	-37	-16	8	21	30	35	29	21	10	-1	-22	-37
N.J.....	Atlantic City.....	35	-10	-7	7	12	25	37	46	40	32	23	11	7	-10
N. Mex.....	Albuquerque.....	39	-17	-5	8	19	28	42	54	52	37	25	-7	3	-17
N.Y.....	Albany.....	32	-28	-21	-21	10	26	36	40	37	24	16	5	-22	-28
	Buffalo.....	35	-12	-20	-4	12	26	35	43	38	32	20	9	-4	-20
	New York.....	110	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
N.C.....	Charlotte.....	39	-3	5	10	24	32	45	53	53	39	24	11	2	-3
	Raleigh.....	34	-1	5	11	23	31	38	48	46	39	19	11	4	-1
N. Dak.....	Bismarck.....	39	-44	-37	-31	-12	15	30	35	33	11	5	-29	-43	-44
Ohio.....	Cincinnati.....	17	-25	-10	-4	17	27	39	47	43	33	16	1	-11	-25
	Cleveland.....	37	-19	-15	-5	10	25	31	41	41	32	22	3	-11	-19
	Columbus.....	39	-19	-13	-2	18	25	35	43	39	31	20	5	-10	-19
Okla.....	Oklahoma City.....	25	-4	-1	3	20	39	47	53	51	37	22	11	1	-4
Oreg.....	Portland.....	38	-2	-3	19	29	29	39	43	44	34	26	13	6	-3
Pa.....	Philadelphia.....	37	-5	-4	7	24	28	44	51	45	35	25	15	1	-5
	Pittsburgh.....	26	-18	-9	-1	15	26	34	42	40	31	16	-1	-7	-18
R.I.....	Providence.....	25	-13	-6	1	14	29	41	49	40	34	20	14	-5	-13
S.C.....	Columbia.....	31	5	5	18	29	34	45	54	53	40	23	12	4	-6
S. Dak.....	Sioux Falls.....	33	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
Tenn.....	Memphis.....	37	-4	-11	12	29	38	48	52	48	36	25	9	-13	-13
	Nashville.....	39	-15	-13	5	24	34	42	51	47	36	26	-1	-7	-15
Tex.....	Dallas-Ft. Worth.....	25	4	9	17	30	41	51	59	56	46	29	20	10	4
	El Paso.....	39	-8	8	14	24	31	50	59	56	41	25	1	5	-8
	Houston.....	9	18	22	25	31	44	52	62	62	48	33	19	20	18
Utah.....	Salt Lake City.....	50	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
Vt.....	Burlington.....	35	-30	-26	-20	2	24	33	39	35	25	15	-2	-23	-30
Va.....	Norfolk.....	30	5	8	20	28	36	45	54	52	45	27	20	14	5
	Richmond.....	49	-12	-10	11	25	31	40	51	46	35	21	10	-1	-12
Wash.....	Seattle-Tacoma.....	34	0	1	11	29	28	38	43	44	35	28	6	0	0
	Spokane.....	31	-19	-12	-3	17	24	34	38	35	25	13	-11	-25	-25
W. Va.....	Charleston.....	31	-12	-6	7	19	26	33	46	41	34	17	6	-2	-12
Wis.....	Milwaukee.....	38	-24	-19	-10	13	21	33	40	44	28	21	-5	-15	-24
Wyo.....	Cheyenne.....	43	-27	-34	-21	-8	16	25	38	36	18	2	-13	-24	-34
P.R.....	San Juan.....	24	61	62	60	64	66	69	69	70	69	67	66	63	60

\* City office data.

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

## NO. 387. 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	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	4.36	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	.95	.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	2.32	3.33	3.34	43.11
La.	New Orleans	4.53	4.82	4.49	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	3.89	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	1.75	2.55	3.41	4.44	3.73	3.79	3.06	3.30	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	.42	.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	3.00	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	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	3.63	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	4.47	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	.80	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	.83	.68	1.16	1.31	1.39	15.17
Vi.	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

<sup>1</sup> City office data.

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

## NO. 388. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	37	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska	Juneau	35	18	17	18	17	17	16	17	18	20	24	19	21	222
Ariz.	Phoenix	39	4	4	3	2	1	1	4	5	3	3	2	4	36
Ark.	Little Rock	36	10	9	10	10	10	8	9	7	7	6	8	9	103
Calif.	Los Angeles	43	6	6	5	3	1	1	1	(z)	1	2	3	5	34
	Sacramento	39	10	9	8	6	3	1	(z)	(z)	1	3	7	9	57
	San Francisco	51	11	10	9	6	3	1	(z)	1	1	4	7	10	63
Colo.	Denver	44	6	6	8	9	10	9	9	8	6	5	5	5	86
Conn.	Hartford	24	11	11	11	11	12	10	10	10	10	8	11	12	129
Del.	Wilmington	31	11	9	11	11	12	9	9	9	8	7	10	10	116
D.C.	Washington	37	11	8	11	10	11	9	10	9	8	7	8	9	111
Fla.	Jacksonville	37	8	8	8	6	8	12	15	15	13	9	6	8	116
	Miami	36	7	6	6	6	11	15	16	17	17	15	8	7	131
Ga.	Atlanta	44	11	10	12	9	9	10	12	9	7	6	8	10	113
Hawaii	Honolulu	29	10	9	9	8	7	6	8	7	7	9	10	10	101
Idaho	Boise	39	12	10	9	8	8	6	2	3	4	6	10	11	89
Ill.	Chicago	20	11	10	13	12	11	10	10	8	10	9	10	11	125
	Pearia	39	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind.	Indianapolis	39	12	10	13	12	12	10	9	8	8	8	10	12	124
Iowa	Des Moines	39	7	7	10	10	11	11	9	9	9	7	7	8	105
Kans.	Wichita	25	5	5	7	8	11	9	8	7	8	6	5	6	85
Ky.	Louisville	31	12	11	13	12	11	10	11	8	8	7	10	11	124
La.	New Orleans	30	10	9	9	7	7	10	15	13	10	5	7	10	112
Maine	Portland	38	11	10	11	12	12	12	9	9	8	9	12	11	126
Md.	Baltimore	28	10	9	11	11	11	9	9	10	7	7	9	9	112
Mass.	Boston	27	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	37	19	15	13	11	11	12	10	11	14	13	17	19	165
Minn.	Duluth	37	12	10	11	11	13	13	11	11	11	9	11	12	135
	Minneapolis-St. Paul	40	9	7	10	10	11	12	10	10	9	8	8	9	114
Miss.	Jackson	15	12	8	11	9	9	8	11	10	9	5	9	10	111
Mo.	Kansas City	6	9	6	11	11	11	9	6	9	9	7	7	7	102
	St. Louis	21	8	8	11	11	11	9	9	8	8	8	9	10	110
Mont.	Great Falls	41	9	8	9	9	11	12	7	7	7	6	7	8	100
Nebr.	Omaha	43	7	7	9	10	12	10	9	9	8	6	5	6	98
Nev.	Reno	36	6	6	6	4	5	3	3	2	2	3	5	6	51
N.H.	Concord	37	11	10	11	11	12	11	10	10	9	8	11	11	125
N.J.	Atlantic City	35	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex.	Albuquerque	39	4	4	4	3	4	4	9	9	6	5	3	4	59
N.Y.	Albany	32	13	11	12	12	13	11	11	10	10	9	12	13	137
	Buffalo	35	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York <sup>1</sup>	110	11	10	12	11	11	10	10	10	8	8	9	10	120
N.C.	Charlotte	39	10	10	12	9	9	10	11	10	7	7	7	10	112
	Raleigh	34	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak.	Bismarck	39	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio	Cincinnati	31	12	11	13	12	12	11	10	9	8	8	11	12	129
	Cleveland	37	16	15	16	14	13	11	10	9	10	11	15	16	156
	Columbus	39	13	11	14	13	13	11	11	9	9	8	11	13	136
Okla.	Oklahoma City	39	5	7	7	8	10	9	7	6	7	6	5	5	82
Oreg.	Portland	38	19	16	17	14	12	9	4	5	8	13	18	19	154
Pa.	Philadelphia	38	11	9	11	10	11	10	9	9	8	7	9	10	114
	Pittsburgh	26	17	14	16	13	12	11	11	10	9	10	13	17	153
R.I.	Providence	25	11	10	12	11	11	11	9	10	8	8	11	12	124
S.C.	Columbia	31	10	10	11	8	9	10	12	11	8	6	7	9	111
S. Dak.	Sioux Falls	33	6	6	8	9	10	11	9	9	8	6	6	6	94
Tenn.	Memphis	28	10	9	11	10	9	8	9	8	7	6	8	10	105
	Nashville	37	11	11	12	11	11	10	10	9	8	7	9	11	120
Tex.	Dallas-Fort Worth	25	7	6	7	9	8	6	5	5	7	5	6	6	77
	El Paso	39	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	9	11	7	10	7	8	7	10	11	11	8	9	9	108
Utah	Salt Lake City	50	10	9	10	10	8	6	4	5	5	6	7	9	89
Vt.	Burlington	35	14	12	13	12	13	12	12	12	12	11	14	15	152
Va.	Norfolk	30	10	10	11	10	10	9	11	11	8	8	8	9	115
	Richmond	41	10	9	11	9	11	10	11	10	8	7	8	9	113
Wash.	Seattle-Tacoma	34	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane	31	15	11	11	9	9	8	4	5	6	8	12	16	114
W. Va.	Charleston	31	15	14	15	14	13	11	13	11	9	9	12	14	150
Wis.	Milwaukee	38	11	9	12	12	12	11	11	9	9	9	10	11	125
Wyo.	Cheyenne	43	6	6	9	10	12	11	11	9	7	5	6	5	97
P.R.	San Juan	23	17	13	12	13	17	17	19	19	18	18	18	19	200

Z Less than 1/2 day. <sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

## NO. 389. AVERAGE TOTAL SNOW AND ICE PELLETS—SELECTED CITIES

(In inches. Airport data, except as noted. For period of record through 1978. T denotes trace)

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	37	.2	.2	T	-	-	-	-	-	-	-	T	.1	.5
Alaska	Juneau	35	25.0	20.6	18.5	4.6	.1	T	-	-	T	1.3	12.2	24.1	106.4
Ariz.	Phoenix	41	T	T	T	T	-	-	-	-	-	-	-	-	T
Ark.	Little Rock	36	2.4	1.3	.6	T	-	-	-	-	-	-	.2	.9	5.4
Calif.	Los Angeles	43	T	T	-	-	-	-	-	-	-	-	-	-	T
	Sacramento	30	T	.1	-	-	-	-	-	-	-	-	-	-	T
	San Francisco	51	T	T	T	-	-	-	-	-	-	-	-	-	T
Colo.	Denver	44	7.9	7.7	12.6	9.4	1.8	T	-	-	1.7	3.8	7.7	6.4	59.0
Conn.	Hartford	24	12.9	12.9	12.2	1.5	.1	-	-	-	-	T	1.8	12.7	54.1
Del.	Wilmington	31	6.0	5.9	3.9	.1	T	-	-	-	-	-	1.1	3.8	20.8
D.C.	Washington	35	4.9	4.8	2.5	T	T	-	-	-	-	T	.8	3.6	16.6
Fla.	Jacksonville	37	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	44	.7	.4	.2	T	-	-	-	-	-	-	T	.2	1.5
Hawaii	Honolulu	32	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	39	7.4	3.9	2.0	.8	.1	T	T	-	-	.1	1.7	5.3	21.3
Ill.	Chicago	20	10.2	7.5	7.5	1.8	.1	-	-	-	T	.4	2.0	9.8	39.3
	Peoria	35	6.0	4.7	4.6	.6	T	-	-	-	-	.1	2.4	6.2	24.6
Ind.	Indianapolis	47	5.8	4.9	3.8	.5	T	-	-	-	-	T	2.1	4.9	22.0
Iowa	Des Moines	39	8.3	7.3	6.9	1.5	T	-	-	-	T	.1	2.7	6.6	33.4
Kans.	Wichita	25	4.4	4.0	2.9	.2	-	-	-	-	-	-	1.0	3.1	15.6
Ky.	Louisville	31	6.1	4.2	4.0	.2	-	-	-	-	-	T	1.5	2.3	18.3
La.	New Orleans	32	T	.1	T	-	-	-	-	-	-	-	T	.1	.2
Maine	Portland	38	18.5	19.3	13.8	3.0	.2	-	-	-	-	.3	3.3	16.1	74.5
Md.	Baltimore	29	5.3	6.1	4.8	.1	T	-	-	-	-	T	1.2	4.2	21.7
Mass.	Boston	43	12.8	12.2	8.2	.7	T	-	-	-	-	T	1.2	8.0	43.1
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	-	2.5	7.1	31.7
	Sault Ste. Marie	37	27.0	19.4	15.1	4.8	.6	T	-	-	.2	2.3	15.1	27.0	111.5
Minn.	Duluth	35	17.0	11.8	13.9	6.8	.9	T	-	-	T	1.1	10.2	15.9	77.6
	Minneapolis-St. Paul	40	9.1	8.2	10.6	2.5	.2	-	-	-	T	.4	6.1	9.2	46.3
Miss.	Jackson	15	.6	.2	.4	T	-	-	-	-	-	-	T	T	T
Mo.	Kansas City	44	5.8	4.0	3.9	.7	T	-	-	-	-	T	1.1	4.5	20.0
	St. Louis	42	5.0	4.2	4.6	.2	T	-	-	-	-	-	T	1.4	3.7
Mont.	Great Falls	41	10.2	8.5	9.6	7.4	1.3	.4	T	-	1.3	2.9	7.6	8.8	58.0
Nebr.	Omaha	43	8.3	7.4	6.7	.9	.1	-	-	-	T	.3	2.5	5.8	32.0
Nev.	Reno	36	6.2	5.4	5.2	1.6	1.1	T	-	-	-	.3	1.8	5.0	26.6
N.H.	Concord	37	17.7	15.3	11.6	2.2	.2	-	-	-	-	.1	4.1	14.4	65.8
N.J.	Atlantic City	34	4.8	5.1	3.2	.2	-	-	-	-	-	-	.4	2.3	16.0
N. Mex.	Albuquerque	39	2.4	1.9	2.1	.5	T	-	-	-	T	-	1.1	2.6	10.6
N.Y.	Albany	32	15.8	15.3	11.9	2.4	.1	-	-	-	.1	4.5	16.3	66.4	92.9
	Buffalo	35	23.9	18.2	12.0	3.1	.1	-	-	-	T	.3	12.9	22.4	92.9
	New York	110	7.7	8.7	5.2	.9	T	-	-	-	-	T	1.0	5.8	29.3
N.C.	Charlotte	39	2.1	1.3	1.2	T	-	-	-	-	-	-	.1	.7	5.4
	Raleigh	34	2.6	2.1	1.3	T	-	-	-	-	-	-	.2	.9	7.1
N. Dak.	Bismarck	39	6.9	6.0	7.9	3.7	1.0	T	-	-	.2	1.2	5.3	6.7	36.9
Ohio	Cincinnati	31	7.8	5.0	4.9	.5	T	-	-	-	-	.1	2.8	3.7	24.6
	Cleveland	37	11.6	11.0	9.9	2.1	.1	-	-	-	-	T	.7	5.7	11.4
	Columbus	31	8.4	5.8	4.9	.7	T	-	-	-	-	T	2.8	5.8	28.4
Okla.	Oklahoma City	39	2.9	2.5	1.7	T	-	-	-	-	-	T	.5	1.6	9.2
Oreg.	Portland	38	4.1	.7	.5	T	T	-	-	-	-	T	.5	1.5	7.3
Pa.	Philadelphia	36	6.1	6.3	3.9	.2	T	-	-	-	-	T	.7	3.9	21.1
	Pittsburgh	26	12.4	10.1	8.9	1.5	.2	-	-	-	-	.2	4.0	8.6	45.9
R.I.	Providence	25	10.1	10.9	9.3	.6	.3	-	-	-	-	.1	.5	7.4	39.2
S.C.	Columbia	31	.4	.8	.2	-	-	-	-	-	-	-	-	.3	1.7
S. Dak.	Sioux Falls	33	6.1	9.1	10.1	1.6	T	-	-	-	-	T	.5	4.0	7.6
Tenn.	Memphis	28	2.2	1.2	1.1	T	-	-	-	-	-	-	.1	.9	5.5
	Nashville	37	4.2	2.7	1.7	.1	-	-	-	-	-	-	.8	1.9	11.2
Tex.	Dallas	25	1.6	1.2	.3	-	-	-	-	-	-	-	.2	.2	3.5
	El Paso	39	1.4	.7	.4	T	-	-	-	-	-	T	1.1	1.0	4.6
	Houston	44	.2	.2	T	-	-	-	-	-	-	-	T	T	.4
Utah	Salt Lake City	50	13.3	9.8	10.3	4.9	.7	T	-	-	.1	1.0	6.4	12.0	58.5
Vt.	Burlington	35	18.6	17.6	12.4	3.5	.2	-	-	-	-	T	.2	7.3	19.7
Va.	Norfolk	30	3.0	2.0	1.0	T	-	-	-	-	-	-	T	1.2	7.2
	Richmond	41	5.1	3.4	2.8	.1	-	-	-	-	-	T	.4	2.1	13.9
Wash.	Seattle-Tacoma	34	6.6	1.6	1.6	.1	T	-	-	-	-	.1	1.2	3.1	14.3
	Spokane	31	18.3	7.5	4.7	.6	.1	T	-	-	-	.5	6.1	15.5	53.3
W. Va.	Charleston	31	9.9	7.9	4.6	.4	T	-	-	-	-	.2	2.8	5.1	30.9
Wis.	Milwaukee	38	12.5	9.1	9.4	1.7	T	-	-	-	-	.1	3.2	10.6	46.8
Wyo.	Cheyenne	43	5.8	5.6	11.7	9.1	3.5	.3	-	-	.7	3.3	6.1	5.5	51.6
P.R.	San Juan	23	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. <sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

## NO. 390. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1978, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Montgomery <sup>1</sup> .....	28	48	55	58	65	66	66	63	66	62	67	56	50	59
Alaska.....	Juneau.....	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz.....	Phoenix.....	83	78	80	83	88	93	94	85	85	89	88	83	77	86
Ark.....	Little Rock.....	32	46	54	57	62	68	73	71	73	68	69	56	48	63
Calif.....	Los Angeles <sup>1</sup> .....	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento.....	30	46	62	71	79	87	92	97	96	92	84	63	46	79
	San Francisco <sup>1</sup> .....	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo.....	Denver.....	29	72	71	70	67	65	71	71	72	75	73	65	68	70
Conn.....	Hartford.....	24	58	58	57	57	58	59	62	63	59	58	47	49	58
Del.....	Wilmington <sup>2</sup> .....	36	51	54	56	57	57	62	62	62	60	60	52	50	58
D.C.....	Washington.....	30	49	53	56	58	58	64	63	63	62	60	52	47	58
Fla.....	Jacksonville.....	28	57	61	66	72	69	62	60	59	54	57	60	56	61
	Key West <sup>1</sup> .....	19	72	76	82	85	80	73	77	77	71	70	72	73	76
Ga.....	Atlanta.....	43	48	54	57	66	68	67	62	65	63	68	59	50	61
Hawaii.....	Honolulu.....	26	63	65	68	66	69	70	73	75	75	68	60	59	68
Idaho.....	Boise.....	37	41	51	63	67	71	75	88	85	82	68	45	40	67
Ill.....	Chicago <sup>1</sup> .....	36	44	47	51	54	61	67	70	68	63	61	41	38	57
	Peoria.....	35	46	50	52	55	59	66	68	67	64	62	45	40	57
Ind.....	Indianapolis.....	34	42	51	52	56	62	67	70	71	66	64	43	40	58
Iowa.....	Des Moines.....	28	51	54	55	55	60	68	72	70	64	63	50	45	60
Kans.....	Wichita.....	25	59	60	61	62	64	70	75	74	66	67	59	58	65
Ky.....	Louisville.....	31	42	48	50	55	62	66	66	67	65	62	47	41	57
La.....	New Orleans.....	5	44	62	54	69	59	67	57	55	60	69	45	56	59
Maine.....	Portland.....	38	56	59	57	57	56	59	65	65	61	59	47	53	58
Md.....	Baltimore.....	28	52	56	55	56	56	62	64	62	60	59	51	48	57
Mass.....	Boston.....	43	54	56	58	57	59	63	66	66	64	61	51	52	60
Mich.....	Detroit.....	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie.....	37	35	46	54	55	57	58	63	59	45	41	24	27	48
Minn.....	Duluth.....	28	49	54	56	54	56	58	66	62	52	48	35	39	54
	Minneapolis-St. Paul.....	40	51	57	55	56	59	63	71	68	61	57	39	40	58
Miss.....	Jackson.....	14	48	57	59	63	61	69	82	62	57	66	53	47	59
Mo.....	Kansas City.....	6	58	57	64	72	74	78	81	71	60	65	50	57	67
	St. Louis.....	19	53	53	55	57	61	68	72	65	64	63	48	44	59
Mont.....	Great Falls.....	36	48	57	66	61	63	65	80	77	68	61	46	45	63
Nebr.....	Omaha <sup>1</sup> .....	42	55	54	55	58	62	68	75	72	67	67	52	49	62
Nev.....	Reno.....	36	66	68	75	81	81	85	93	93	92	84	71	64	81
N.H.....	Concord.....	37	52	54	52	53	55	58	62	60	55	54	42	47	55
N.J.....	Atlantic City.....	19	50	52	53	55	54	58	60	62	59	56	48	43	55
N. Mex.....	Albuquerque.....	39	73	73	74	77	80	83	76	76	80	79	77	72	77
N.Y.....	Albany.....	40	46	51	52	54	55	59	63	61	56	52	36	38	53
	Buffalo.....	35	33	39	46	53	58	66	69	66	59	52	29	27	52
	New York <sup>2</sup> .....	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C.....	Charlotte.....	28	55	60	63	70	69	70	68	70	67	69	62	58	66
	Raleigh.....	24	55	60	63	65	59	61	62	61	60	62	61	56	60
N. Dak.....	Bismarck.....	39	55	55	60	58	63	65	76	73	66	59	45	47	62
Ohio.....	Cincinnati <sup>1</sup> .....	63	41	45	50	55	60	67	68	66	66	59	44	38	57
	Cleveland.....	35	31	38	44	53	59	65	67	64	60	54	31	27	52
	Columbus.....	27	37	43	44	52	57	60	62	62	61	57	37	31	52
Okl.....	Oklahoma City.....	24	58	60	63	64	65	73	76	77	68	68	60	59	67
Oreg.....	Portland.....	29	25	36	44	51	55	53	69	64	59	42	29	20	48
Pa.....	Philadelphia.....	36	51	54	56	57	57	62	62	62	60	60	52	50	58
	Pittsburgh.....	26	35	39	45	49	52	58	59	58	59	54	39	30	49
R.I.....	Providence.....	25	57	57	56	56	57	58	60	59	59	60	49	52	57
S.C.....	Columbia.....	25	57	61	63	69	66	65	65	66	64	66	64	61	64
S. Dak.....	Rapid City <sup>1</sup> .....	36	55	59	61	59	57	61	72	73	68	66	56	54	62
Tenn.....	Memphis.....	28	49	55	57	65	70	74	73	76	69	71	58	50	65
	Nashville.....	36	41	48	52	59	62	67	65	66	63	64	50	41	58
Tex.....	Amarillo <sup>1</sup> .....	37	69	69	72	72	72	77	77	77	73	75	72	68	73
	El Paso.....	36	78	82	85	87	89	89	79	80	82	84	83	78	83
	Houston.....	9	42	55	47	52	59	66	67	63	58	62	53	62	57
Utah.....	Salt Lake City.....	40	48	56	64	67	73	79	84	83	84	73	54	45	70
Vt.....	Burlington.....	35	42	48	51	51	56	60	65	61	54	49	31	33	51
Va.....	Norfolk.....	20	57	59	63	65	65	68	65	65	65	60	59	57	63
	Richmond.....	28	52	56	59	63	63	67	65	65	64	60	56	52	61
Wash.....	Seattle-Tacoma.....	12	21	41	49	52	58	55	65	61	58	43	28	18	49
	Spokane.....	30	25	40	53	59	62	65	80	76	70	52	28	21	56
W. Va.....	Parkersburg <sup>1</sup> .....	80	32	37	43	50	56	59	62	60	58	54	37	29	49
Wis.....	Milwaukee.....	38	45	47	51	54	59	64	71	67	60	56	41	38	56
Wyo.....	Cheyenne.....	43	61	65	65	60	59	64	68	67	69	69	60	59	64
P.R.....	San Juan.....	23	66	69	74	68	61	59	65	65	60	59	57	58	63

<sup>1</sup> For period of record through 1975.<sup>2</sup> Data not available; figures are for a nearby station.<sup>3</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.



## NO. 391. AVERAGE WIND SPEED—SELECTED CITIES

(In miles per hour. Airport data, except as noted. For period of record through 1978)

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	30	10.7	10.9	11.1	10.4	8.9	7.8	6.9	6.8	8.0	8.3	9.4	10.2	9.1
Alaska	Juneau	35	8.4	8.8	8.8	8.9	8.5	7.8	7.6	7.5	8.0	9.8	8.7	9.3	8.5
Ariz.	Phoenix	33	5.2	5.9	6.6	7.0	7.0	7.0	7.2	6.7	6.4	5.9	5.4	5.2	6.3
Calif.	Little Rock	36	8.9	9.3	10.0	9.4	8.0	7.5	6.9	6.7	6.9	7.0	8.2	8.5	8.1
	Los Angeles	30	6.6	7.3	8.0	8.4	8.2	7.9	7.6	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento	30	7.7	7.8	9.0	9.0	9.4	10.0	9.2	8.7	7.8	6.7	6.3	7.0	8.2
	San Francisco	51	7.1	8.5	10.3	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo.	Denver	30	9.1	9.3	10.0	10.4	9.6	9.1	8.5	8.2	8.2	8.2	8.7	9.0	9.0
Conn.	Hartford	24	9.4	9.7	10.3	10.5	9.3	8.4	7.8	7.5	7.6	8.1	8.6	8.9	8.8
Del.	Wilmington	30	9.9	10.5	11.2	10.5	9.1	8.4	7.7	7.4	7.9	8.2	9.1	9.4	9.1
D.C.	Washington	30	10.0	10.4	10.9	10.5	9.3	8.8	8.2	8.0	8.2	8.6	9.2	9.5	9.3
Fla.	Jacksonville	29	8.4	9.4	9.4	9.1	8.6	8.3	7.5	7.2	8.1	8.6	8.1	8.2	8.4
	Miami	29	9.4	10.1	10.4	10.7	9.5	8.2	7.8	7.8	8.1	9.4	9.5	9.1	9.2
Ga.	Atlanta	40	10.5	10.9	10.9	10.0	8.6	7.9	7.4	7.0	8.0	8.4	9.1	9.8	9.0
Hawaii	Honolulu	29	9.9	10.7	11.6	12.2	12.2	12.9	13.7	13.5	11.7	10.9	11.0	11.1	11.8
Idaho	Boise	39	8.5	9.3	10.3	10.3	9.6	9.1	8.5	8.3	8.3	8.5	8.6	8.4	9.0
Ill.	Chicago	20	11.6	11.5	11.8	12.1	10.6	9.1	8.1	8.1	8.7	9.8	11.0	11.0	10.3
	Peoria	35	11.2	11.5	12.3	12.2	10.3	9.1	8.0	7.8	8.7	9.5	11.2	11.0	10.2
Ind.	Indianapolis	30	11.1	11.1	11.9	11.4	9.6	8.5	7.5	7.2	8.0	8.9	10.6	10.6	9.7
Iowa	Des Moines	29	11.7	11.8	13.0	13.2	11.5	10.4	9.0	8.8	9.5	10.5	11.6	11.5	11.0
Kans.	Wichita	25	12.3	12.9	14.4	14.5	12.8	12.4	11.2	11.3	11.5	12.2	12.3	12.2	12.5
Ky.	Louisville	31	9.7	9.8	10.4	10.0	8.1	7.4	6.7	6.4	6.8	7.1	8.9	9.3	8.4
La.	New Orleans	30	9.5	10.0	10.2	9.6	8.2	6.9	6.2	6.0	7.3	7.6	8.8	9.2	8.3
Maine	Portland	38	9.3	9.5	10.1	10.0	9.2	8.2	7.6	7.5	7.6	8.4	8.8	9.0	8.8
Md.	Baltimore	28	9.9	10.6	11.1	10.9	9.5	8.7	8.1	8.1	8.2	8.9	9.4	9.4	9.4
Mass.	Boston	21	14.2	14.0	13.9	13.3	12.2	11.3	10.9	10.7	11.2	12.1	12.9	13.9	12.6
Mich.	Detroit	44	11.7	11.5	11.5	11.2	9.9	9.2	8.4	8.1	8.9	9.6	11.4	11.4	10.2
	Sault Ste. Marie	37	10.1	9.9	10.4	10.7	10.1	8.8	8.2	8.1	8.9	9.5	10.1	9.9	9.6
Minn.	Duluth	29	11.9	11.7	12.0	13.0	12.2	10.7	9.8	9.7	10.6	11.3	12.0	11.4	11.4
	Minneapolis-St. Paul	40	10.4	10.5	11.2	12.3	11.3	10.5	9.3	9.1	9.8	10.4	11.0	10.4	10.5
Miss.	Jackson	15	8.9	8.8	9.5	8.7	7.1	6.2	6.0	5.8	6.4	6.3	7.5	8.4	7.5
Mo.	Kansas City	6	10.7	11.6	12.2	12.1	9.9	8.6	8.5	8.9	8.7	9.7	10.9	11.1	10.3
	St. Louis	29	10.4	10.8	11.8	11.3	9.4	8.6	7.8	7.5	7.9	8.5	9.9	10.3	9.5
Mont.	Great Falls	37	15.6	14.8	13.5	13.0	11.6	11.4	10.2	10.4	11.5	13.6	14.9	16.0	13.0
Nebr.	Omaha	43	11.1	11.4	12.6	13.1	11.3	10.4	9.0	9.1	9.6	10.0	11.1	10.8	10.8
Nev.	Reno	36	5.8	6.1	7.6	8.1	7.7	7.3	6.7	6.3	5.5	5.3	5.2	5.0	6.4
N.H.	Concord	37	7.3	7.9	8.3	7.9	7.1	6.4	5.6	5.3	5.5	6.0	6.5	7.0	6.7
N.J.	Atlantic City	20	11.8	12.0	12.4	12.1	10.7	9.7	9.0	8.5	9.0	9.6	11.0	11.2	10.6
N. Mex.	Albuquerque	39	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	40	9.8	10.4	10.6	10.6	9.1	8.2	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo	39	14.6	14.1	13.7	13.0	11.8	11.2	10.6	10.0	10.6	11.4	12.9	13.5	12.3
	New York	58	10.8	10.9	11.1	10.5	8.8	8.1	7.7	7.7	8.2	9.0	9.9	10.4	9.4
N.C.	Charlotte	29	8.0	8.5	8.9	8.9	7.6	6.9	6.6	6.7	6.7	7.1	7.3	7.4	7.5
	Raleigh	29	8.6	9.1	9.5	9.2	7.8	7.0	6.7	6.4	6.8	7.2	7.8	8.1	7.9
N. Dak.	Bismarck	39	10.1	10.1	11.1	12.3	12.0	10.8	9.5	9.7	10.2	10.1	10.3	9.6	10.5
Ohio	Cincinnati	31	10.7	10.8	11.2	10.8	8.8	7.9	7.1	6.7	7.4	8.0	9.6	10.2	9.1
	Cleveland	37	12.5	12.3	12.4	11.8	10.3	9.4	8.7	8.3	9.1	10.0	12.0	12.3	10.8
	Columbus	29	10.4	10.4	10.8	10.1	8.6	7.5	6.7	6.4	6.8	7.7	9.5	9.9	8.7
Okla.	Oklahoma City	30	13.1	13.6	15.0	14.9	13.2	12.6	11.2	10.8	11.4	12.1	12.5	12.8	12.8
Oreg.	Portland	30	10.0	8.9	8.4	7.2	7.0	7.0	7.5	7.1	6.4	6.4	8.4	9.5	7.8
Pa.	Philadelphia	38	10.4	11.1	11.5	11.1	9.7	8.9	8.2	7.9	8.3	8.9	9.7	10.1	9.7
	Pittsburgh	26	10.8	10.9	11.1	10.7	9.3	8.2	7.5	7.1	7.6	8.5	10.0	10.6	9.4
R.I.	Providence	25	11.5	11.7	12.3	12.3	11.0	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.C.	Columbia	30	7.1	7.6	8.3	8.4	7.0	6.7	6.5	5.9	6.1	6.1	6.4	6.6	6.9
S. Dak.	Sioux Falls	30	11.0	11.1	12.5	13.5	12.0	10.7	9.8	9.8	10.3	10.8	11.6	10.8	11.2
Tenn.	Memphis	30	10.5	10.5	11.3	10.7	8.9	8.0	7.5	7.0	7.5	7.7	9.3	10.0	9.1
	Nashville	37	9.2	9.4	10.0	9.5	7.6	7.0	6.3	6.1	6.3	6.6	8.4	6.9	7.9
Tex.	Dallas	25	11.2	12.0	13.1	12.8	11.2	10.8	9.4	9.0	9.4	9.6	10.6	11.1	10.9
	El Paso	36	9.0	9.8	11.8	11.8	11.0	10.0	8.9	8.4	8.2	8.0	8.4	8.5	9.5
	Houston	9	8.3	8.7	9.4	9.2	8.0	7.4	6.5	5.5	6.6	6.4	7.6	7.9	7.6
Utah	Salt Lake City	49	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.8
Vt.	Burlington	35	8.6	9.3	9.3	9.3	8.8	8.2	7.8	7.5	8.1	8.7	9.5	9.7	8.8
Va.	Norfolk	30	11.5	12.0	12.4	11.8	10.3	9.6	8.8	8.8	9.6	10.4	10.6	11.0	10.6
	Richmond	30	8.0	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.8	7.3	7.5	7.5
Wash.	Seattle-Tacoma	30	10.1	9.8	10.1	9.7	9.2	8.9	8.4	8.0	8.2	8.8	9.3	9.9	9.2
	Spokane	31	8.8	9.1	9.6	9.8	9.0	8.9	8.3	8.1	8.1	8.1	8.3	8.8	8.7
W. Va.	Charleston	31	7.6	7.8	8.5	7.7	6.2	5.5	5.0	4.4	4.8	5.2	6.8	7.2	6.4
Wis.	Milwaukee	38	12.9	12.7	13.2	13.1	11.9	10.5	9.7	9.6	10.6	11.5	12.7	12.5	11.8
Wyo.	Cheyenne	21	15.5	15.2	14.9	14.7	13.1	11.7	10.5	10.7	11.4	12.4	13.7	15.1	13.2
P.R.	San Juan	23	9.1	9.3	9.7	9.4	8.8	9.2	10.0	9.3	7.7	7.0	7.6	8.7	8.8

1 City office data.

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

# NO. 392. 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.1]

STATE	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	279	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	766	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	7,496
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	1,038	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	4,570
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	1,167	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	6,886
	Buffalo	1,280	1,137	1,020	603	321	58	12	33	138	419	756	1,150	6,927
	New York <sup>1</sup>	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	1,501	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	331	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	468	449	313	167	80	82	170	397	612	760	5,165
	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	668	394	156	22	31	225	530	885	1,110	7,255
P.R.	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero <sup>1</sup> City office data.

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

## NO. 393. AVERAGE RELATIVE HUMIDITY,

[Airport data, except as noted, Eastern standard time. For period of record through 1978. Hours selected to give, observations were made on

STATE	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.....	16	81	63	80	54	83	56	88	54	86	53	87	54
Alaska	Juneau.....	35	79	76	81	75	79	69	75	64	74	62	75	64
Ariz.	Phoenix.....	18	44	31	37	26	33	23	23	16	18	13	17	12
Ark.	Little Rock.....	18	81	61	79	57	78	56	81	56	86	57	86	55
Calif.	Los Angeles.....	19	55	60	59	63	61	65	61	64	66	66	70	68
	Sacramento.....	18	85	70	79	61	68	51	58	43	51	36	47	31
	San Francisco.....	19	79	66	75	65	69	62	65	60	64	60	64	60
Colo.	Denver.....	18	45	48	43	42	41	40	38	35	38	36	38	36
Conn.	Hartford.....	19	71	57	73	56	72	53	69	43	73	47	78	52
Del.	Wilmington.....	31	75	60	74	58	74	53	73	50	76	53	78	54
D.C.	Washington.....	18	68	54	67	51	68	49	67	46	72	51	75	52
Fla.	Jacksonville.....	42	87	57	85	52	85	49	85	47	84	50	86	56
	Miami.....	14	84	60	83	57	82	57	79	54	83	61	86	67
Ga.	Atlanta.....	18	78	60	75	53	78	52	80	50	84	55	86	58
Hawaii	Honolulu.....	9	80	62	76	59	72	58	69	57	67	55	66	54
Idaho	Boise.....	39	73	70	68	61	55	44	47	36	45	34	42	30
Ill.	Chicago.....	20	76	68	76	65	78	61	76	55	76	54	78	55
	Peoria.....	19	77	68	79	65	81	63	77	55	81	57	81	56
Ind.	Indianapolis.....	19	80	70	80	67	80	63	78	55	82	57	82	57
Iowa	Des Moines.....	17	76	68	79	67	79	62	78	57	78	56	80	56
Kans.	Wichita.....	25	79	63	76	59	76	53	77	52	83	55	82	53
Ky.	Louisville.....	18	77	65	77	62	76	59	75	53	83	56	84	58
La.	New Orleans.....	30	85	67	85	63	85	61	88	60	89	60	89	62
Maine	Portland.....	38	77	62	77	60	75	59	73	55	75	58	79	61
Md.	Baltimore.....	25	71	58	71	55	71	51	71	48	77	53	80	53
Mass.	Boston.....	14	67	58	67	57	68	57	66	52	70	58	74	59
Mich.	Detroit.....	45	78	69	78	65	77	60	73	52	71	51	73	53
	Sault Ste. Marie.....	37	82	76	82	73	83	68	80	61	79	56	85	62
Minn.	Duluth.....	17	75	69	75	64	77	63	77	57	76	54	81	60
	Minneapolis-St. Paul.....	19	73	66	74	65	77	63	76	54	76	52	79	54
Miss.	Jackson.....	15	87	65	86	58	87	58	91	56	91	56	90	55
Mo.	Kansas City.....	6	74	64	76	63	77	61	76	57	83	59	83	57
	St. Louis.....	18	82	65	81	62	82	58	79	54	83	56	84	57
Mont.	Great Falls.....	17	63	52	59	56	53	48	49	42	46	40	44	40
Nebr.	Omaha.....	15	76	65	77	61	76	57	76	53	79	55	81	55
Nev.	Reno.....	15	67	50	57	39	46	32	38	28	34	25	33	23
N.H.	Concord.....	13	74	59	75	58	78	56	75	45	79	48	86	55
N.J.	Atlantic City.....	14	75	57	76	56	76	55	75	49	78	56	83	58
N. Mex.	Albuquerque.....	18	50	39	44	32	32	23	25	18	23	16	23	16
N.Y.	Albany.....	13	79	63	76	59	74	54	69	46	75	52	79	56
	Buffalo.....	18	79	73	80	71	80	67	76	58	76	56	78	57
	New York <sup>1</sup> .....	57	68	60	68	58	67	55	67	51	71	53	74	55
N.C.	Charlotte.....	18	78	57	75	51	80	51	79	47	84	53	86	57
	Raleigh.....	14	78	55	74	48	79	49	81	45	87	55	88	57
N. Dak.	Bismarck.....	19	72	67	76	67	78	62	79	53	79	49	84	53
Ohio	Cincinnati.....	16	78	67	78	62	78	60	78	53	80	54	82	56
	Cleveland.....	18	77	70	77	68	78	65	78	57	78	58	80	59
	Columbus.....	19	76	68	75	64	74	58	74	52	79	55	81	54
Okla.	Oklahoma City.....	13	79	60	78	56	75	52	78	52	83	58	84	56
Oreg.	Portland.....	38	82	76	79	67	72	60	68	55	66	53	64	49
Pa.	Philadelphia.....	19	73	59	70	56	71	53	68	47	75	53	78	55
	Pittsburgh.....	19	76	66	74	62	74	58	72	50	76	51	79	52
R.I.	Providence.....	15	71	57	71	55	70	54	67	46	71	52	76	57
S.C.	Columbia.....	12	82	56	80	47	83	48	83	43	87	50	88	53
S. Dak.	Sioux Falls.....	15	75	67	78	66	81	63	81	56	80	53	82	55
Tenn.	Memphis.....	39	79	63	78	59	76	56	78	53	82	55	83	56
	Nashville.....	13	80	65	79	58	78	54	80	51	87	56	88	55
Tex.	Dallas-Fort Worth.....	15	80	60	79	57	79	56	85	59	88	61	86	56
	El Paso.....	18	43	33	35	25	28	20	22	15	22	15	24	17
	Houston.....	9	88	66	87	57	89	60	91	60	94	60	93	59
Utah	Salt Lake City.....	19	69	68	63	58	51	45	44	39	37	32	31	26
Vt.	Burlington.....	13	70	64	72	63	72	59	74	53	75	51	79	57
Va.	Norfolk.....	30	75	59	74	56	73	54	73	50	78	56	80	57
	Richmond.....	44	81	57	79	52	78	49	75	45	79	50	82	53
Wash.	Seattle-Tacoma.....	19	79	74	76	66	74	63	71	58	68	54	66	53
	Spokane.....	19	82	77	78	68	67	55	56	43	52	40	48	35
W. Va.	Charleston.....	31	77	63	76	59	74	53	75	47	82	50	86	54
Wis.	Milwaukee.....	18	75	68	76	67	79	66	79	62	79	61	82	62
Wyo.	Cheyenne.....	19	44	48	44	46	45	45	41	40	39	40	39	40
P.R.	San Juan.....	23	80	63	79	61	77	60	75	61	77	64	78	65

<sup>1</sup> City office data.

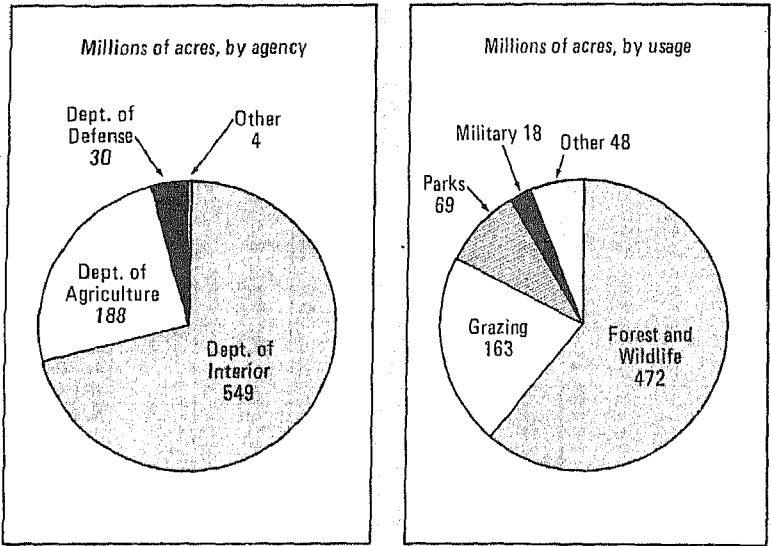
## PERCENT—SELECTED CITIES

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	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	62	88	60	85	52	85	56	84	62	85	57	Ala.....	Mobile.
81	70	83	73	87	77	87	80	85	81	82	81	81	73	Alaska.....	Juneau.
26	20	33	23	32	23	30	23	38	28	46	34	32	23	Ariz.....	Phoenix.
87	57	87	56	89	59	85	51	82	57	80	62	83	57	Ark.....	Little Rock.
69	69	69	69	66	67	60	65	58	63	55	61	62	65	Calif.....	Los Angeles.
47	28	49	29	51	31	57	39	75	59	84	70	63	46	Calif.....	Sacramento.
66	60	67	62	65	59	67	58	74	64	78	68	68	62	Calif.....	San Francisco.
36	35	36	35	38	35	53	35	44	49	44	50	40	40	Colo.....	Denver.
79	51	84	54	87	56	84	52	80	57	77	62	77	53	Conn.....	Hartford.
80	54	83	56	85	55	84	53	80	56	76	60	78	55	Del.....	Wilmington.
75	52	79	54	80	55	78	51	73	52	71	56	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	85	61	84	60	85	62	Fla.....	Miami.
90	63	91	62	90	61	84	52	82	54	80	59	83	57	Ga.....	Atlanta.
66	51	67	53	66	52	68	55	74	59	77	60	71	56	Hawaii.....	Honolulu.
33	22	34	23	39	30	48	40	65	60	73	71	52	44	Idaho.....	Boise.
81	57	85	57	84	58	81	55	81	64	80	71	79	60	Ill.....	Chicago.
85	58	87	60	88	59	85	57	83	66	83	72	82	61	Ill.....	Peoria.
87	60	90	61	91	60	88	57	85	67	83	73	84	62	Ind.....	Indianapolis.
81	56	84	58	84	60	78	55	79	64	80	71	80	61	Iowa.....	Des Moines.
78	49	78	49	82	56	80	53	79	57	79	61	79	55	Kans.....	Wichita.
85	58	88	58	89	60	86	56	79	61	77	66	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	85	56	85	56	82	54	77	55	74	58	77	54	Md.....	Baltimore.
73	56	76	58	79	61	76	57	74	61	72	61	72	58	Mass.....	Boston.
74	51	79	53	82	55	80	56	79	64	79	69	77	58	Mich.....	Detroit.
88	62	92	63	92	67	89	67	87	76	84	78	85	67	Mich.....	Sault Ste. Marie.
84	58	87	62	87	64	81	61	80	69	78	74	80	63	Minn.....	Duluth.
81	54	84	55	86	60	82	58	80	66	77	70	79	60	Minn.....	Minneapolis-St. Paul.
93	59	94	60	94	60	93	54	91	58	88	64	90	59	Miss.....	Jackson.
81	53	85	58	87	63	81	57	79	64	76	64	80	60	Mo.....	Kansas City.
86	57	89	57	91	60	86	56	85	63	85	69	84	60	Mo.....	St. Louis.
38	29	38	30	46	37	46	41	55	55	62	61	50	45	Mont.....	Great Falls.
83	56	86	59	87	61	82	55	80	62	79	67	80	59	Nebr.....	Omaha.
28	19	31	20	34	22	40	26	56	41	68	52	44	31	Nev.....	Reno.
86	52	89	54	91	57	87	53	85	61	81	65	82	55	N.H.....	Concord.
84	58	86	57	87	59	87	56	82	57	76	58	80	56	N.J.....	Atlantic City.
35	28	39	29	40	31	37	29	42	35	50	42	37	28	N.Mex.....	Albuquerque.
79	54	85	56	88	59	85	56	81	63	81	66	79	57	N.Y.....	Albany.
79	55	83	58	83	60	82	61	82	70	82	75	80	63	N.Y.....	Buffalo.
75	55	78	57	79	57	76	55	73	59	70	60	72	56	N.Y.....	New York.
88	58	90	59	90	58	88	53	83	52	79	57	83	54	N.C.....	Charlotte.
90	59	93	61	93	59	90	54	84	51	80	55	85	54	N.C.....	Raleigh.
83	46	81	43	82	49	78	50	79	62	76	69	79	56	N. Dak.....	Bismarck.
85	57	88	58	88	59	83	55	79	63	79	69	81	59	Ohio.....	Cincinnati.
82	58	86	60	85	61	80	60	79	67	77	71	79	63	Ohio.....	Cleveland.
84	56	87	58	87	58	82	55	81	64	78	69	80	59	Ohio.....	Columbus.
80	49	81	50	85	56	79	51	79	55	77	58	80	54	Okla.....	Oklahoma City.
61	45	65	47	67	49	79	63	82	74	84	79	72	60	Oreg.....	Portland.
79	54	81	55	83	56	82	53	77	55	74	59	76	55	Pa.....	Philadelphia.
82	53	86	56	86	57	81	54	79	63	76	67	78	57	Pa.....	Pittsburgh.
77	56	80	55	83	57	80	54	78	58	76	60	75	55	R.I.....	Providence.
90	56	93	58	94	57	91	51	87	49	83	54	87	52	S.C.....	Columbia.
81	51	83	52	85	57	80	54	82	64	79	70	81	59	S. Dak.....	Sioux Falls.
85	57	86	56	86	56	83	51	79	55	79	61	81	57	Tenn.....	Memphis.
91	58	92	61	91	61	87	55	81	60	79	64	84	58	Tenn.....	Nashville.
81	49	82	52	88	60	83	54	81	57	78	58	82	57	Tex.....	Dallas-Fort Worth.
39	30	40	31	45	35	36	29	39	32	43	38	35	27	Tex.....	El Paso.
93	58	94	60	94	65	93	57	91	60	88	62	91	60	Tex.....	Houston.
26	20	29	22	34	28	42	39	57	58	70	71	46	42	Utah.....	Salt Lake City.
80	54	84	59	87	64	82	63	80	69	76	71	78	60	Vt.....	Burlington.
82	60	85	62	84	61	83	60	79	56	75	58	78	58	Va.....	Norfolk.
85	56	89	57	90	56	90	53	84	50	81	55	83	53	Wash.....	Richmond.
65	49	70	53	74	59	79	68	80	74	80	77	74	62	Wash.....	Seattle-Tacoma.
39	25	43	28	50	34	66	49	81	74	84	81	62	61	W. Va.....	Charleston.
90	60	92	58	91	56	88	53	80	56	77	62	82	61	W. Va.....	Spokane.
83	61	87	62	87	63	82	63	81	67	80	73	81	65	Wyo.....	Milwaukee.
34	37	33	35	36	36	36	36	41	47	43	49	40	42	Wyo.....	Cheyenne.
78	66	79	66	79	66	80	66	81	66	80	65	79	64	P.R.....	San Juan.

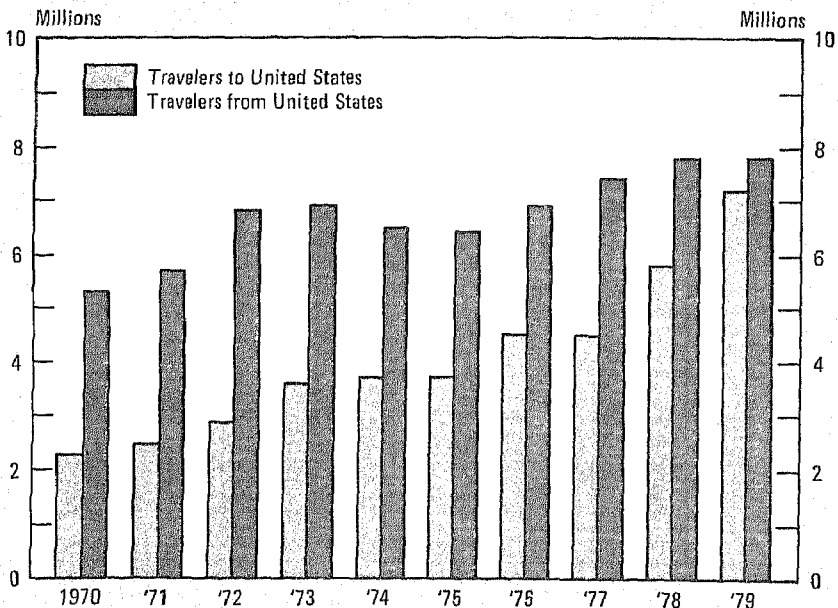
Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 8.1  
Land Owned by the Federal Government: 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 399.

Figure 8.2  
Travelers to and from the United States: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 427 and 428.

# Public Lands, Parks, Recreation, and Travel

This section presents statistics on the Federal public domain and federally owned and leased real property, Indian lands, 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 annual report, *National Park Statistical Abstract*; the *Index-National Park System and Related Areas*, a biannual report, 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 nonfederally owned national historic sites.

The Heritage Conservation and Recreation Service 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 Hunting, Fishing, and Wildlife-Associated Recreation*, 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, more data are available in the files of public and private bodies than have been published; and much of what is published 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.

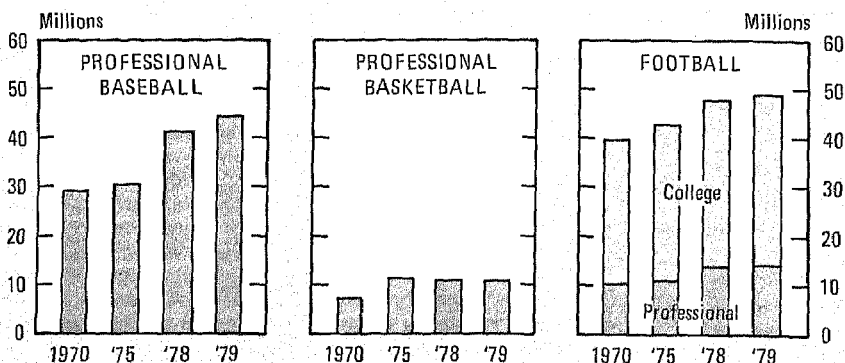
**Domestic and foreign travel.**—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its *Census of Transportation* carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in 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. Dept. of State's Bureau of Consular Affairs. 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.

Figure 8.3

**Selected Spectator Sports — Attendance: 1970 to 1979**

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 417.

## NO. 394. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1979

[Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 353 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area <sup>1</sup> (mil. acres)	YEAR	Land area <sup>1</sup> (mil. acres)	YEAR AND ACQUISITION	ACRES (mil.)		
					Total	Land	Inland water
1802.....	200.0	1970.....	761.3	<b>Aggregate</b> .....	<b>1,837.8</b>	<b>1,804.7</b>	<b>33.1</b>
1850.....	1,200.0	1971.....	760.2	1781-1802 (State Cessions).....	236.8	233.4	3.4
1880.....	900.0	1972.....	760.7	1803, Louisiana Purchase <sup>2</sup> .....	529.9	523.4	6.5
1912.....	600.0	1973.....	761.0	1819, Cession from Spain.....	46.1	43.3	2.8
1946.....	413.0	1974.....	760.5	Red River Basin <sup>3</sup> .....	29.6	29.1	.5
1950.....	412.0	1975.....	760.4	1846, Oregon Compromise.....	183.4	180.6	2.7
1955.....	407.9	1976.....	762.2	1848, Mexican Cession <sup>4</sup> .....	338.7	334.5	4.2
1959.....	768.6	1977.....	741.5	1850, Purchase from Texas.....	78.9	78.8	.1
1960.....	771.5	1978.....	775.2	1853, Gadsden Purchase.....	19.0	19.0	(2)
1965.....	765.8	1979.....	769.9	1867, Alaska Purchase.....	375.3	362.5	12.8

Z Less than 50,000. <sup>1</sup> 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. <sup>2</sup> Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. <sup>3</sup> 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. 395. OWNERSHIP OF LAND, BY CLASS: 1959 TO 1974

[In millions of acres, except percent. See also *Historical Statistics, Colonial Times to 1970*, series J 65, J 71, and J 76]

YEAR	Total <sup>1</sup>	Private land <sup>2</sup>	Indian lands <sup>3</sup>	PUBLIC LAND			
				Total	Federal <sup>4</sup>	State <sup>5</sup>	County and municipal
1959.....	2,271	1,332	53	886	765	103	18
1969.....	2,264	1,317	50	897	763	114	20
1974.....	2,264	1,316	51	897	761	116	20
Percent distribution.....	100.0	58.1	2.3	39.6	33.6	5.1	.9

<sup>1</sup> Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. <sup>2</sup> Land owned by individuals, partnerships, and corporations. <sup>3</sup> Managed in trust by Bureau of Indian Affairs. <sup>4</sup> Gross acreage of Federal holdings including highway and road rights-of-way in Federal areas. <sup>5</sup> 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 November 1979.

## NO. 396. UNITED STATES SHORELINE—TOTAL MILES BY TYPE OF OWNER AND USE: 1971

REGION <sup>1</sup>	Total shoreline <sup>2</sup>	OWNERSHIP				SHORE USE			
		Federal	Percent Federal	State and local	Private	Recreation		Other development	Undeveloped
						Public	Private		
<b>Total</b> .....	<b>84,240</b>	<b>45,290</b>	<b>53.8</b>	<b>10,080</b>	<b>26,310</b>	<b>3,390</b>	<b>5,820</b>	<b>6,230</b>	<b>68,800</b>
North Atlantic.....	8,620	580	6.7	840	7,200	1,020	2,600	2,430	2,570
South Atlantic-Gulf.....	14,620	1,870	12.8	1,960	8,250	690	1,500	2,440	9,990
Lower Mississippi.....	1,940	240	12.4	330	1,370	20	30	50	1,840
Texas Gulf.....	2,500	390	15.6	50	2,060	400	160	110	1,830
Great Lakes.....	3,680	130	3.5	520	3,030	370	1,220	250	1,840
California.....	1,810	380	21.0	350	1,080	440	190	230	950
North Pacific.....	2,840	240	8.5	270	2,310	350	120	190	2,160
Alaska.....	47,300	41,350	87.4	5,500	450	10	-	330	46,960
Hawaii.....	930	110	11.8	260	560	90	-	200	640

- Represents zero. <sup>1</sup> For definition of region, see source. <sup>2</sup> Includes "uncertain" ownership, not shown separately.

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



# NO. 397. TOTAL LAND, AND FEDERALLY OWNED LAND AND BUILDINGS, 1955 TO 1979, AND BY STATES, 1979

[As of June 30 except, beginning 1976, as of Sept. 30]

YEAR AND STATE	LAND (1,000 acres)						Cumulative cost <sup>2</sup> of land owned by Federal Govt. (mil. dol.)	FEDERALLY OWNED BUILDINGS	
	Total	Not owned by Federal Government	Owned by Federal Government					Number	Cumulative cost <sup>2</sup> (mil. dol.)
			Total <sup>1</sup>		Public domain	Acquired by other methods			
			Acres	Per cent					
1955 <sup>3</sup>	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,389	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	33.5	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	5,475	410,587	28,705
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	2,271,343	1,529,834	741,509	32.6	683,286	58,223	7,860	403,105	39,951
1978	2,271,343	1,496,094	775,249	34.1	711,961	63,288	8,762	406,494	41,533
1979, total	2,271,343	1,501,479	769,863	33.9	710,066	59,796	9,660	405,147	42,999
Ala	32,678	31,556	1,122	3.4	30	1,093	118	7,331	719
Alaska	365,482	6,348	359,134	98.3	359,099	34	109	7,650	1,413
Ariz	72,688	40,674	32,014	44.0	31,574	440	74	11,023	800
Ark	33,599	30,241	3,358	9.9	1,073	2,285	284	4,520	290
Calif	100,207	53,505	46,702	46.6	44,140	2,562	1,004	59,726	5,059
Colo	66,486	42,878	23,608	35.5	22,489	1,119	194	6,998	1,164
Conn	3,135	3,126	9	.3	-	9	42	2,086	249
Del	1,266	1,225	41	3.2	-	41	11	997	151
D.C.	39	26	13	32.8	-	13	162	2,148	1,412
Fla	34,721	30,680	4,041	11.6	371	3,670	385	14,982	1,836
Ga	37,295	35,018	2,277	6.1	-	2,277	201	12,546	1,122
Hawaii	4,106	3,445	661	16.1	297	364	62	14,481	790
Idaho	52,933	19,174	33,760	63.7	32,945	814	59	4,163	330
Ill	35,795	35,189	607	1.6	(Z)	606	182	7,260	1,432
Ind	23,158	22,662	497	2.1	(Z)	496	150	5,328	458
Iowa	35,860	35,633	227	.6	(Z)	227	64	1,707	221
Kans	52,511	51,778	733	1.3	26	707	298	7,431	589
Ky	25,512	24,098	1,414	5.5	-	1,414	366	6,845	746
La	28,868	27,769	1,099	3.8	25	1,073	152	5,374	644
Maine	19,848	19,713	135	.7	-	135	11	3,114	287
Md	6,319	6,116	203	3.2	-	203	112	11,684	1,861
Mass	5,035	4,955	80	1.5	-	80	116	5,276	743
Mich	36,492	33,025	3,467	9.5	296	3,171	113	6,079	533
Minn	51,206	47,783	3,423	6.6	1,166	2,257	85	3,068	270
Miss	30,223	28,492	1,731	5.7	2	1,728	165	5,556	459
Mo	44,248	42,053	2,196	4.9	3	2,193	431	6,197	923
Mont	93,271	65,530	27,741	29.7	25,212	2,529	74	5,867	226
Nebr	49,032	48,320	712	1.4	250	462	96	2,487	242
Nev	70,264	9,758	60,506	86.1	60,270	236	40	4,854	298
N.H.	5,789	5,047	722	12.5	-	722	29	824	117
N.J.	4,813	4,662	152	3.1	-	152	133	7,339	926
N. Mex	77,766	51,893	25,874	33.2	24,161	1,713	43	11,644	907
N.Y.	30,681	30,435	246	.8	-	246	189	9,347	1,689
N.C.	31,403	29,352	2,051	6.5	-	2,051	150	15,486	815
N. Dak	44,452	42,066	2,386	5.3	209	2,177	458	4,676	482
Ohio	26,222	25,877	345	1.3	(Z)	345	247	5,562	1,400
Okl	44,088	42,488	1,590	3.6	149	1,441	498	7,251	603
Oreg	61,589	29,285	32,314	52.4	30,933	1,381	390	4,519	198
Pa	28,804	28,072	733	2.5	-	733	364	6,284	1,061
R.I.	677	669	8	1.1	-	8	9	2,725	266
S.C.	19,374	18,198	1,176	6.0	-	1,176	99	9,835	1,038
S. Dak	48,882	45,390	3,492	7.1	1,597	1,895	191	2,986	236
Tenn	26,728	24,874	1,854	6.9	-	1,854	395	5,905	1,282
Tex	168,218	164,809	3,409	2.0	-	3,409	473	26,330	2,556
Utah	52,697	19,167	33,530	63.6	32,966	564	27	4,853	435
Vt	5,937	5,641	296	4.9	-	296	20	324	38
Va	25,496	23,087	2,410	9.4	-	2,410	189	18,109	2,024
Wash	42,694	30,221	12,473	29.2	11,083	1,389	293	15,770	1,141
W. Va.	15,411	14,314	1,097	7.1	-	1,097	227	969	145
Wis	35,011	33,143	1,868	5.3	10	1,858	43	4,395	266
Wyo	62,343	32,013	30,330	48.6	29,690	640	54	3,236	103

- Represents zero. Z Less than 500. <sup>1</sup> Excludes trust properties. <sup>2</sup> See headnote, table 399. <sup>3</sup> Excludes Alaska and Hawaii.

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

## NO. 398. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1979

[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. 1979 preliminary]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1976	1977	1978	1979
<b>Federally owned:</b>									
Land, total.....	Mil. acres.....	772	766	762	761	763	742	776	770
Dept. of Agriculture.....	Mil. acres.....	186	187	187	188	190	188	189	188
Dept. of Defense.....	Mil. acres.....	30	30	31	31	31	31	34	30
Dept. of the Interior.....	Mil. acres.....	553	546	540	538	538	519	548	549
Buildings, number <sup>1</sup> .....	1,000.....	413	433	418	405	412	410	413	411
Dept. of Defense <sup>1</sup> .....	1,000.....	320	335	319	312	317	314	316	314
Dept. of the Interior.....	1,000.....	31	34	34	30	31	32	32	33
Buildings, floor area <sup>1</sup> .....	Mil. sq. ft.....	2,445	2,490	2,542	2,502	2,552	2,579	2,636	2,692
Dept. of Defense <sup>1</sup> .....	Mil. sq. ft.....	1,829	1,874	1,857	1,802	1,824	1,824	1,868	1,914
General Services Administration.....	Mil. sq. ft.....	122	172	205	194	196	201	202	203
Dept. of the Interior.....	Mil. sq. ft.....	42	47	61	58	60	61	62	63
Veterans Administration.....	Mil. sq. ft.....	115	114	110	111	112	114	116	116
Cost of land, buildings, etc. <sup>2</sup> .....	Bil. dol.....	53	66	79	91	96	101	107	113
Dept. of Defense.....	Bil. dol.....	31	39	44	56	58	60	62	66
Dept. of the Interior.....	Bil. dol.....	5	6	8	10	10	11	10	11
<b>Federally leased:</b>									
Land.....	Mil. acres.....	1.8	1.8	1.6	1.2	1.2	1.7	1.4	1.4
Dept. of Defense.....	Mil. acres.....	1.7	1.7	1.4	1.0	1.0	1.5	1.2	1.2
Buildings, floor area <sup>1</sup> .....	Mil. sq. ft.....	97	132	182	210	230	238	216	219
Dept. of Defense <sup>1</sup> .....	Mil. sq. ft.....	11	7	7	13	19	27	12	12
Rental property, cost.....	Mil. dol.....	174	282	451	664	742	794	870	912
Dept. of Defense.....	Mil. dol.....	35	35	63	65	65	75	73	72

<sup>1</sup> Excludes data for Dept. of Defense military functions outside United States.

<sup>2</sup> See headnote, table 399.

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. 399. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1979

[As of June 30 except beginning 1978 as of Sept. 30. Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown 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. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. 1979 preliminary]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. air-fields	Flood control, navigation	Reclamation, irrigation	Power development	Air-fields	Other
<b>LAND (mil. acres)</b>										
1960, total.....	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total.....	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total.....	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total.....	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total.....	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total.....	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
Dept. of Agriculture.....	187.9	167.5	19.7	(z)	-	-	-	-	-	.8
Dept. of Energy.....	1.6	-	-	-	-	-	(z)	(z)	-	1.5
Dept. of Defense.....	30.3	.1	-	.1	18.0	7.3	-	.7	1.5	2.6
Dept. of the Interior.....	548.5	304.5	142.8	68.3	-	.1	6.0	.7	(z)	26.0
Tennessee Valley Authority.....	1.0	(z)	-	.2	-	-	-	(z)	-	.1
Other.....	.6	-	-	(z)	(z)	.2	-	-	(z)	.4
<b>COST OF LAND (mil. dol.)</b>										
1960.....	2,956	130	22	142	348	1,063	170	219	195	667
1965.....	4,128	237	18	180	298	1,915	224	204	203	849
1970.....	5,475	350	26	373	331	2,591	312	251	162	1,079
1975.....	6,872	589	26	618	334	3,381	313	273	199	1,139
1978.....	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979.....	9,680	900	27	1,417	480	4,104	377	286	146	1,943

- Represents zero. Z Less than 50,000 acres.

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

## No. 400. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1978

[For years ending June 30 except, beginning 1977, Sept. 30. For explanation of terms, see text, p. 235. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970*, series J 10-15 and J 26-32]

ITEM	Unit	1951-1960, total	1961-1970, total	1971-1975, total	1973	1974	1975	1976	1977	1978
Original entries and selections <sup>1</sup>	1,000 acres	3,176	17,518	13,078	132	1,092	11,762	<sup>2</sup> 102,810	10,518	860
Alaska	1,000 acres	1,535	15,019	12,898	62	1,072	11,752	<sup>2</sup> 102,800	10,469	850
Final entries <sup>1</sup>	1,000 acres	2,382	4,177	4,704	430	3,287	728	8,206	1,161	1,364
Alaska	1,000 acres	164	2,537	4,270	323	3,223	672	8,177	1,145	1,360
Patents and certificates <sup>1</sup>	1,000 acres	5,628	11,524	5,584	566	3,584	807	8,302	1,163	108
Alaska	1,000 acres	246	6,050	4,470	309	3,437	672	8,177	990	24
Homestead entries:										
Original entries, total	Number	6,158	2,383	211	32	92	13	6	13	-
Acres	1,000	790	292	24	3	10	2	(2)	2	-
Final entries <sup>4</sup>	1,000 acres	442	172	42	6	5	4	4	5	1
Cash receipts	Mil. dol.	1,399	4,770	16,141	4,230	7,178	2,920	3,192	3,008	2,924
Mineral leases	Mil. dol.	1,046	4,070	15,415	4,088	7,001	2,731	2,983	2,688	2,629
Oil, gas	Mil. dol.	1,071	3,955	15,387	4,086	6,996	2,723	2,969	2,669	2,600
Offshore	Mil. dol.	435	2,918	14,462	3,956	6,748	2,428	2,662	2,373	2,259
Timber	Mil. dol.	209	478	496	105	128	108	131	235	195
Fees and commissions	Mil. dol.	9	37	46	7	12	18	19	27	32
Other	Mil. dol.	135	185	184	30	37	63	59	58	68

- Represents zero. Z Less than 500 acres. <sup>1</sup> Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. <sup>2</sup> Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. See also footnote 5, table 401. <sup>3</sup> Excludes ceded Indian lands. <sup>4</sup> Excludes commuted homesteads.

## No. 401. PUBLIC DOMAIN LANDS—HOMESTEAD ENTRIES, 1951 TO 1977, AND VACANT LANDS, 1950 TO 1978, BY STATES

[In thousands of acres. Homestead entries for years ending June 30 except, beginning 1977, ending Sept. 30; vacant lands as of June 30 except, beginning 1977, as of Sept. 30. 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 for vacant public lands in States other than Alaska cover lands withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See text, p. 235. See *Historical Statistics, Colonial Times to 1970*, series J 8, for vacant lands excluding Alaska, and J 14 for homestead entries]

STATE	HOMESTEAD ENTRIES <sup>1</sup>				VACANT LANDS <sup>2</sup>					
	1951-1960, total	1961-1970, total	1971-1976, total	1977	1950	1960	1970	1975	1977	1978
Total	<sup>3</sup> 790.0	291.9	24.4	2.2	440,408	437,879	<sup>4</sup> 159,139	<sup>4</sup> 158,778	<sup>4</sup> 159,204	<sup>4</sup> 159,148
Alabama	-	-	-	-	27	3	1	3	3	3
Alaska <sup>5</sup>	572.0	279.9	21.8	.5	270,000	270,200	257,133	257,065	246,197	244,859
Arizona	9.4	1.3	-	-	12,545	12,442	11,597	11,592	11,575	11,575
California	3.9	-	-	-	16,306	15,873	14,587	14,570	14,538	14,863
Colorado	14.5	.2	-	-	8,070	8,090	6,485	6,440	6,107	6,123
Idaho	96.0	3.0	-	-	10,858	11,652	11,597	11,520	11,498	11,495
Minnesota	-	-	-	-	93	58	23	26	26	26
Montana	1.6	-	1.6	1.3	6,773	6,385	6,143	6,140	6,141	6,141
Nebraska	-	-	-	-	25	6	8	4	9	9
Nevada	25.8	5.2	.2	-	47,158	46,027	47,310	47,367	48,450	48,450
New Mexico	3.9	1.5	.1	-	14,503	13,129	12,576	12,400	12,266	12,252
North Dakota	-	-	.2	-	96	79	69	68	68	68
Oregon	1.3	-	-	-	13,298	13,153	13,342	13,136	13,034	13,034
South Dakota	-	-	.5	-	280	272	276	276	276	276
Utah	53.6	.3	-	-	23,033	24,097	20,877	20,798	20,754	20,376
Washington	.8	.3	-	-	487	365	292	304	305	308
Wyoming	2.5	.1	-	.4	16,615	16,198	13,944	14,118	14,133	14,133
Other States	.5	.1	-	-	231	50	11	16	19	19

- Represents zero. <sup>1</sup> Original homestead entries. No homestead entries in 1978. <sup>2</sup> Includes acreage of public lands within grazing districts, as follows (in thousands): 1950, 134,875; 1960, 141,645; 1970, 132,669; 1975, 132,265; 1977, 133,555; and 1978, 133,551.

<sup>3</sup> Includes 4,200 acres for Bureau of Land Management. <sup>4</sup> Excludes Alaska; see footnote 5.

<sup>5</sup> 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 Alaska Native Claims Act of Dec. 18, 1971, and Public Land Order No. 5418 dated Mar. 25, 1974, withdraws all unreserved lands in Alaska.

Source of tables 400 and 401: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

## NO. 402. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1978

[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				Per- mits	Li- censes	Leases		Per- mits <sup>3</sup>
		Total	Oil and gas <sup>1</sup>	Coal	Other			Total	Graz- ing <sup>2</sup>	
<b>Number:</b>										
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
1975.....	104,075	103,762	102,815	529	418	309	4	9,253	7,785	1,354
1976.....	103,800	103,487	101,795	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
1978.....	105,284	105,088	102,984	524	1,580	183	13	9,155	7,792	1,299
<b>Acres (1,000):</b>										
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	(2)	18,461	18,262	1,378
1975.....	82,518	81,885	80,621	780	485	733	(2)	17,315	17,144	1,838
1976.....	83,543	82,791	80,226	795	1,770	752	(2)	17,189	17,014	1,468
1977.....	86,903	86,275	83,319	791	2,164	626	2	17,242	17,122	1,453
1978.....	90,202	89,823	86,585	790	2,447	334	45	16,509	16,387	906

NA Not available. Z Less than 500 acres. <sup>1</sup> For data on Outer Continental Shelf, see Section 27.

<sup>2</sup> As of Dec. 31. <sup>3</sup> Excludes grazing licenses and permits within grazing districts.

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

## NO. 403. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1920 TO 1979

[In thousands of acres. Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1920	1940	1960	1970	1975	1977	1978	1979			
								Total	Indian		Govern- ment owned
									Trust allot- ted <sup>1</sup>	Tribal <sup>2</sup>	
<b>Total .....</b>	<b><sup>3</sup> 71,399</b>	<b>55,406</b>	<b><sup>4</sup> 58,076</b>	<b>55,408</b>	<b>52,316</b>	<b>52,670</b>	<b>52,885</b>	<b>52,962</b>	<b>10,057</b>	<b>42,447</b>	<b>458</b>
Ala.....	(NA)	(NA)	4,168	4,170	117	118	363	386	299	87	(Z)
Ariz.....	18,853	19,225	21,515	19,714	20,034	20,037	20,034	20,036	253	19,693	90
Calif.....	517	667	558	536	546	547	541	573	73	500	(Z)
Colo.....	469	667	752	755	782	782	782	783	4	779	(Z)
Fla.....	24	61	79	79	79	79	79	79	-	79	(Z)
Idaho.....	683	818	835	828	827	828	828	827	334	460	33
Iowa.....	3	3	4	4	4	4	4	4	-	4	(Z)
Kans.....	273	36	29	27	26	27	27	28	23	5	(Z)
Mich.....	153	27	22	21	21	21	21	21	9	12	-
Minn.....	1,509	653	756	763	764	764	764	764	51	712	1
Miss.....	(X)	9	16	18	17	18	18	18	(Z)	18	(Z)
Mont.....	6,054	6,455	5,457	5,274	5,282	5,280	5,275	5,258	3,051	2,204	3
Nebr.....	360	76	68	62	61	65	65	65	43	22	(Z)
Nev.....	741	1,127	1,152	1,148	1,153	1,153	1,154	1,154	78	1,068	6
N. Mex.....	4,697	7,153	6,542	7,209	7,537	7,843	7,843	7,865	678	6,879	308
N.C.....	63	57	56	57	56	56	56	56	-	56	(Z)
N. Dak.....	2,105	1,036	879	850	850	851	851	853	650	202	1
Okl.....	19,552	2,844	1,855	1,424	1,306	1,269	1,250	1,240	1,146	86	8
Oreg.....	1,718	1,737	1,238	687	761	761	761	761	141	620	(Z)
S. Dak.....	6,886	5,865	5,064	4,975	5,020	5,085	5,085	5,091	2,516	2,573	2
Utah.....	1,641	1,693	2,125	2,271	2,276	2,277	2,286	2,286	35	2,251	(Z)
Wash.....	2,719	2,740	2,591	2,460	2,504	2,508	2,511	2,517	497	2,017	3
Wis.....	580	445	422	188	407	409	409	409	81	328	(Z)
Wyo.....	2,102	2,013	1,890	1,867	1,886	1,888	1,887	1,888	95	1,792	1

- Represents zero. NA Not available. X Not applicable. Z Less than 500 acres. <sup>1</sup> Private landholdings of individual Indians. <sup>2</sup> Lands held by Indian tribes. <sup>3</sup> Includes 88,000 acres in N.Y.; not included in totals for later years. <sup>4</sup> Includes 3,000 acres in S.C.; not shown separately.

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

## NO. 404. NATIONAL PARK SYSTEM—SUMMARY: 1960 TO 1979

[For years ending June 30, through 1976, thereafter 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	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Finances (mil. dol.):</b>										
Expenditures reported <sup>1</sup>	74.2	131.6	138.8	208.9	250.5	341.8	394.2	427.0	473.4	482.8
Salaries and wages	29.9	48.6	82.5	120.2	128.8	152.1	175.2	211.9	223.5	238.3
Improvements, maintenance	4.7	8.3	15.5	24.4	26.0	40.4	44.0	48.7	63.9	67.9
Construction	33.2	55.3	23.9	28.0	36.6	85.5	105.9	82.4	101.5	76.7
Other	6.5	19.5	17.0	36.3	59.1	63.8	69.0	84.0	84.5	99.9
Funds available	115.7	183.1	174.6	348.1	437.5	428.0	459.6	599.6	653.3	616.7
Appropriations	79.5	128.4	129.4	236.1	295.8	345.6	364.5	492.8	552.1	526.2
Other	36.2	54.7	45.2	112.1	141.7	82.4	95.1	106.8	101.2	90.5
Revenue from operations <sup>2</sup>	5.7	7.4	8.8	16.2	13.9	17.2	19.6	21.3	22.9	21.1
<b>Visits (millions): <sup>3</sup></b>										
All areas	79.2	121.3	172.0	215.6	217.4	238.8	267.7	262.6	283.1	282.4
National parks <sup>4</sup>	26.6	36.6	45.9	54.7	53.1	58.8	60.6	62.0	62.9	57.5
National monuments	10.7	12.3	17.3	16.3	15.2	17.3	19.3	18.5	19.1	16.8
National historical, archeological, and military areas	21.8	40.7	47.0	71.6	72.9	75.7	82.8	85.5	88.4	83.9
National parkways	9.0	13.0	27.8	33.4	34.5	36.0	38.3	36.8	37.7	35.0
National recreation areas <sup>4</sup>	3.7	6.2	11.5	13.0	18.1	23.9	30.9	36.2	38.9	41.3
National seashores	.5	3.4	9.1	12.2	11.5	13.3	15.2	16.5	17.6	14.2
National Capital Parks <sup>5</sup>	6.9	9.2	10.3	10.9	8.7	11.2	12.0	2.9	3.3	2.8
Miscellaneous other areas	(X)	(X)	3	3	3	2.6	8.5	4.2	15.1	31.5
Overnight stays reported	9.4	13.0	16.2	15.3	15.4	16.7	17.4	17.5	17.6	16.0
Camper days	4.8	8.1	9.0	8.7	8.4	8.8	9.3	9.3	9.1	7.9
Tents	3.6	5.1	4.7	3.8	3.8	3.7	3.9	4.0	3.8	3.4
Recreation vehicles	1.3	3.0	4.3	4.9	4.6	5.1	5.4	5.3	5.4	4.5
In commercial lodgings	2.8	3.3	4.9	3.5	3.7	4.0	3.1	4.0	4.1	4.0
Other	1.8	1.6	2.2	3.2	3.3	3.9	5.0	4.2	4.3	4.1
<b>Land (1,000 acres):</b>										
Total <sup>6</sup>	25,704	26,549	28,543	29,117	29,031	29,091	29,389	29,571	70,541	70,797
Parks	13,208	13,619	14,307	14,740	14,777	15,344	15,365	15,374	15,679	15,684
Recreation areas	3,214	3,497	3,628	3,648	3,536	3,156	3,276	3,266	3,255	3,280
Other	9,283	9,432	10,608	10,729	10,718	10,590	10,748	10,931	51,607	51,833
Acquisition, gross	21	319	83	476	75	110	163	224	266	86
By purchase	6	42	74	456	59	70	107	218	261	65
By gift	10	13	1	13	10	(Z)	49	5	5	4
By transfer or exchange	5	264	10	6	6	40	7	(Z)	(Z)	17
Exclusion	(Z)	<sup>8</sup> (Z)	2	1	(Z)	(Z)	7	(Z)	(Z)	1
Acquisition, net	21	318	82	476	75	110	156	224	266	85

X Not applicable. Z Less than 500 acres. <sup>1</sup> Excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). <sup>2</sup> 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 \$17.3 million in 1978 and \$15.1 million in 1979. <sup>3</sup> For calendar year. For 1960 excludes visits to White House.

<sup>4</sup> Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. <sup>5</sup> Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. <sup>6</sup> Federal land only, as of Dec. 31. <sup>7</sup> On Dec. 1, 1978 over 40 million acres of public domain land in Alaska were added to the system. <sup>8</sup> Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1973-1976, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

## NO. 405. NATIONAL PARK SYSTEM—TYPES OF AREAS: 1979

[As of December 31. Totals include White House (18 acres), National Visitor Center, and 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
<b>National Park System</b>	<b>320</b>	<b>70,797,133</b>	National seashores	10	452,509
National parks	39	15,683,528	Parkways	4	155,564
National historical parks	22	66,387	National lakeshores	4	123,870
National monuments	92	50,236,447	National rivers	10	181,022
National military parks	11	33,439	National Capital Parks	1	6,469
National battlefields	9	7,161	Parks, other	10	30,660
National battlefield parks	3	6,655	National recreation areas	17	3,280,003
National battlefield sites	1	12	National Trail	1	20,735
National historic sites	59	14,860	National preserves	2	490,162
National memorials	22	7,486	National Mall	1	146

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

# **NO. 406. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1979, VISITS AND OVERNIGHT STAYS, 1978 AND 1979**

[Acreage as of **December 31**. Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1979]

AREA	Acreage, 1979 (1,000)	VISITS (mil.)				OVERNIGHT STAYS <sup>3</sup> (1,000)	
		1978, total	1979			1978	1979
			Total	Recreation	Nonrecreation <sup>2</sup>		
<b>Total, all areas<sup>1</sup></b> .....	<b>76,725</b>	<b>283.1</b>	<b>282.4</b>	<b>205.4</b>	<b>77.1</b>	<b>17,568</b>	<b>15,979</b>
Blue Ridge Parkway, Ga., N.C., Va.....	82	15.4	14.8	11.7	3.1	285	255
Cape Hatteras National Seashore, N.C.....	30	2.0	1.7	1.5	.2	320	290
Chickamauga and Chattanooga National Military Park, Ga., Tenn.....	8	13.4	13.5	.9	12.6	2	2
Colonial National Historical Park, Va.....	10	10.8	10.2	7.2	3.1	-	-
Gateway National Recreation Area, N.J., N.Y.....	20	9.0	9.1	8.8	.3	15	13
Glacier National Park, Mont.....	1,014	1.6	1.4	1.4	(2)	392	345
Glen Canyon National Recreation Area, Ariz., Utah.....	1,237	2.2	1.7	1.7	.1	1,329	1,250
Golden Gate National Recreation Area, Calif.....	39	9.0	11.3	11.3	-	17	5
Grand Canyon National Park, Ariz.....	1,218	3.0	2.3	2.1	.2	985	764
Grand Teton National Park, Wyo.....	311	4.2	3.5	2.4	1.0	556	532
Great Smoky Mountains National Park, N.C., Tenn.....	517	11.6	11.2	8.0	3.2	588	546
Hot Springs National Park, Ark.....	6	5.4	5.1	1.1	4.0	11	9
Indiana Dunes National Lakeshore, Ind.....	13	1.0	2.0	1.6	.4	354	410
Kennesaw Mountain National Battlefield Park, Ga.....	3	6.6	6.6	.9	5.7	3	4
Lake Mead National Recreation Area, Ariz., Nev.....	1,497	6.9	6.4	6.2	.2	1,620	1,443
Natchez Trace Parkway, Miss., Tenn., Ala.....	48	14.6	14.2	9.5	4.7	14	14
Olympic National Park, Wash.....	909	3.0	2.6	2.1	.5	466	401
Rocky Mountain National Park, Colo.....	264	3.0	2.6	2.6	(2)	320	376
Sequoia National Park, Calif.....	403	1.0	.8	.8	(2)	345	371
Shenandoah National Park, Va.....	194	2.1	1.6	1.5	.1	545	434
Valley Forge National Historical Park, Pa.....	2	11.3	11.4	3.1	8.3	-	-
Yellowstone National Park, Idaho, Mont., Wyo.....	2,220	2.6	1.9	1.9	(2)	1,486	1,274
Yosemite National Park, Calif.....	761	2.7	2.4	2.3	.1	1,801	1,510

- Represents zero. Z Less than 50,000. <sup>1</sup> Includes non-Federal land. <sup>2</sup> Any visit which is part of, or incidental to, the pursuit of a gainful occupation. <sup>3</sup> The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. <sup>4</sup> Includes areas not shown separately.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

## **NO. 407. NATIONAL FOREST RECREATION USE—SUMMARY: 1979**

[For year ending **September 30**. 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
<b>Sites and areas</b> .....	<b>220,166</b>	<b>100.0</b>	<b>Total</b> .....	<b>220,166</b>	<b>100.0</b>
<b>Developed sites</b> .....	<b>81,861</b>	<b>37.2</b>	Camping.....	54,700	24.8
Observation sites.....	1,254	.6	Picnicking.....	8,874	4.0
Boating sites.....	2,508	1.1	Recreation travel (mechanized).....	49,537	22.5
Swimming sites, playgrounds, etc.....	1,817	.8	Boating.....	7,072	3.2
Campgrounds.....	39,085	17.8	Games and team sports.....	833	.4
Picnic grounds.....	5,596	2.6	Water skiing and other water sports.....	888	.4
Hotels, lodges, resorts.....	4,520	2.1	Swimming and scuba diving.....	4,632	2.1
Organization sites.....	5,367	2.4	Winter sports.....	14,485	6.6
Recreation residence sites.....	6,665	3.0	Fishing.....	16,776	7.6
Winter sports sites.....	12,840	5.8	Hunting.....	15,328	7.0
Visitor centers and concessions.....	2,209	1.0	Hiking and mountain climbing.....	11,177	5.1
<b>Dispersed areas</b> .....	<b>138,305</b>	<b>62.8</b>	Horseback riding.....	3,166	1.4
Roads (recreation).....	50,749	23.0	Resort use.....	4,389	2.0
Trails (recreation).....	11,428	5.2	Organization camp use.....	4,087	1.8
Waters.....	26,234	11.9	Recreation residence use.....	6,652	3.0
General undeveloped country.....	49,894	22.7	Gathering forest products.....	3,916	1.9
			Nature study.....	1,211	.5
			Viewing scenery, sports.....	8,321	3.8
			Visitor information (exhibits, etc.).....	4,122	1.9

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

## NO. 408. STATE PARK SYSTEMS—SUMMARY: 1960 TO 1979

[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	Unit	1960	1970	1975	1979	ITEM	Unit	1960	1970	1975	1979
Areas <sup>1</sup> .....	Number.....	2,664	3,425	3,804	<sup>2</sup> 3,851	Attendance.....	Mil.....	259	483	<sup>3</sup> 566	<sup>3</sup> 596
Acres <sup>1</sup> .....	1,000.....	5,602	8,555	9,838	<sup>2</sup> 9,411	Day visits.....	Mil.....	238	432	465	502
Expenditures.....	Mil. dol.....	87	387	649	<sup>1</sup> 1,136	Overnight visits.....	Mil.....	21	51	<sup>2</sup> 51	46
Salaries and wages.....	Mil. dol.....	37	122	218		Cabins and hotels.....	Mil.....	2	3	3	3
Supplies and equip.....	Mil. dol.....	19	65	99	556	Organized camps.....	Mil.....	2	2	6	
Lands.....	Mil. dol.....	12	72	150	180	Tent and trailer camps.....	Mil.....	16	46	40	41
Improvements.....	Mil. dol.....	19	126	167		Personnel.....	1,000.....	17.5	34.3	44.9	(NA)
Funds available						Professional.....	1,000.....	.7	3.4	6.2	(NA)
for expenditures.....	Mil. dol.....	131	619	1,467	1,089	Year-round.....	1,000.....	7.4	13.3	18.1	(NA)
Appropriations.....	Mil. dol.....	69	260	483	328	Seasonal.....	1,000.....	10.1	21.0	26.8	(NA)
Other.....	Mil. dol.....	62	359	984	761						
Revenue from operations.....	Mil. dol.....	23	71	115	147						

NA Not available. <sup>1</sup>Excludes State forests, wildlife refuges, and waysides not administered by State park agencies. <sup>2</sup>Includes 1975 data for Conn., Mont., N. Mex. <sup>3</sup>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), and unpublished data. 1979 based on data from National Association of State Park Directors, *Annual Information Exchange*.

## NO. 409. STATE PARK AND RECREATION AREAS—STATES: 1979

STATE	AREAS		Expenditures <sup>1</sup> (mil. dol.)	STATE	AREAS		Expenditures <sup>1</sup> (mil. dol.)	STATE	AREAS		Expenditures <sup>1</sup> (mil. dol.)
	Number	Acres (1,000)			Number	Acres (1,000)			Number	Acres (1,000)	
U.S.....	3,851	9,411	1,078	Iowa.....	90	51	5	N.C.....	40	116	8
Ala.....	23	48	10	Kans.....	23	29	3	N. Dak.....	21	17	3
Alaska.....	69	2,941	10	Ky.....	45	42	47	Ohio.....	68	184	40
Ariz.....	18	26	3	La.....	49	30	9	Okla.....	76	81	10
Ark.....	43	42	16	Maine.....	106	65	5	Oreg.....	235	91	32
Calif.....	237	962	410	Md.....	49	84	20	Pa.....	120	286	27
Colo.....	32	174	10	Mass.....	138	237	17	R.I.....	88	10	4
Conn.....	120	(NA)	10	Mich.....	94	226	19	S.C.....	53	66	15
Del.....	10	9	3	Minn.....	83	219	16	S. Dak.....	63	90	4
Fla.....	124	266	18	Miss.....	27	20	21	Tenn.....	106	139	33
Ga.....	61	51	11	Mo.....	63	95	<sup>2</sup> 2	Tex.....	104	132	23
Hawaii.....	58	19	11	Mont.....	<sup>1</sup> 130	<sup>3</sup> 35	(NA)	Utah.....	44	61	17
Idaho.....	25	41	4	Nebr.....	87	124	7	Vt.....	63	31	2
Ill.....	211	310	34	Nev.....	19	147	<sup>2</sup> 2	Va.....	37	53	3
Ind.....	20	54	10	N.H.....	50	71	6	Wash.....	162	86	15
				N.J.....	114	258	23	W.Va.....	52	149	14
				N.Mex.....	<sup>3</sup> 33	<sup>1</sup> 164	6	Wis.....	73	529	7
				N.Y.....	147	253	60	Wyo.....	<sup>3</sup> 48	<sup>3</sup> 157	1

NA Not available. <sup>1</sup>Covers operating expenditures and fixed capital outlay expenditures. <sup>2</sup>Excludes capital outlay expenditures. <sup>3</sup>1975 data.

Source: National Recreation and Park Association, Arlington, Va., unpublished data. Based on data from National Association of State Park Directors, *Annual Information Exchange*.

## NO. 410. MUNICIPAL AND COUNTY PARK AND RECREATION AREAS—NUMBER, ACREAGE, PROFESSIONAL PERSONNEL, AND SELECTED FACILITIES: 1950 TO 1970

[Represents only park and recreation systems which reported (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	ITEM	1950	1960	1965	1970
Park and other recreation areas:					Selected facilities—Con.:				
Number.....	17,142	24,710	30,509	31,235	Golf courses, 9 and 18 hole.....	454	585	1,005	518
Acres (1,000).....	644	1,015	1,496	966	Outdoor swimming pools.....	1,289	2,513	4,277	4,435
Professional personnel.....	58,028	98,698	119,515	97,717	Tennis courts.....	13,065	15,676	19,926	12,343
Full time, year-round.....	6,784	9,216	19,208	17,287	Recreation buildings.....	2,987	3,628	6,486	9,212
Playgrounds under leadership.....	14,747	20,107	24,298	11,691	Indoor recreation centers.....	6,630	13,142	16,041	14,237
Selected facilities:					Softball diamonds, 60 ft.....	12,266	14,832	17,467	14,808
Ball diamonds, 90 ft.....	5,502	7,044	9,335	4,486					
Bathing beaches.....	760	951	1,261	760					

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

## NO. 411. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1960 TO 1979

[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	1975	1976	1977	1978	1979
<b>Total recreation expenditures</b> .....	<b>17,855</b>	<b>25,907</b>	<b>40,999</b>	<b>66,527</b>	<b>73,315</b>	<b>80,998</b>	<b>91,244</b>	<b>101,046</b>
Percent of total personal consumption <sup>1</sup> .....	5.5	6.0	6.6	6.8	6.7	6.7	6.8	6.7
Books and maps .....	1,139	1,648	2,356	3,603	3,700	4,417	5,420	5,975
Magazines, newspapers, sheet music .....	2,164	2,662	3,900	7,547	8,095	8,942	9,975	10,384
Nondurable toys and sport supplies .....	2,477	3,585	5,477	8,602	9,393	10,162	11,692	13,550
Wheel goods, durable toys, sports equip., boats, pleasure aircraft .....	1,976	2,888	5,511	9,577	10,618	12,102	14,519	17,080
Radio and television receivers, records, musical instruments .....	3,003	5,041	8,885	14,836	16,528	18,020	19,496	21,036
Radio and television repair .....	774	933	1,079	1,364	1,496	1,581	1,709	1,948
Flowers, seed, and potted plants .....	703	1,272	2,134	3,405	3,926	4,149	5,025	5,329
Admissions to specified amusements .....	1,652	2,123	3,141	4,775	5,471	6,802	7,373	7,949
Motion picture theaters .....	956	1,067	1,521	2,538	2,987	4,075	4,261	4,339
Legitimate theaters and opera, and enter- tainments of nonprofit institutions <sup>2</sup> .....	342	388	556	797	929	1,038	1,271	1,551
Spectator sports .....	354	688	1,064	1,440	1,555	1,889	1,841	2,059
Clubs and fraternal organizations <sup>3</sup> .....	728	859	1,197	1,563	1,650	1,726	1,835	2,030
Commercial participant amusements <sup>4</sup> .....	1,200	1,695	2,317	3,557	3,895	4,118	4,549	5,090
Parimutuel net receipts .....	539	814	1,144	1,691	1,775	1,837	2,043	2,299
Other <sup>5</sup> .....	1,500	2,387	3,858	6,007	6,768	7,142	7,608	8,376

<sup>1</sup> See table 733. <sup>2</sup> Except athletic. <sup>3</sup> Consists of dues and fees excluding insurance premiums.

<sup>4</sup> 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.

<sup>5</sup> 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 issues, and unpublished data.

## NO. 412. 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	
	Num- ber (mil.)	Per- cent of popu- lation	5 or more times (mil.)	For the first time (mil.)		Num- ber (mil.)	Per- cent of popu- lation	5 or more times (mil.)	For the first time (mil.)
Camping:					Tennis, outdoors .....	55.7	32	40.9	7.0
Developed areas .....	51.8	30	21.0	1.9	Other games or sports .....	94.8	55	73.1	2.6
Undeveloped areas .....	36.0	21	15.0	.7	Going to outdoor sports events .....	104.3	61	75.5	.9
Hunting .....	32.6	19	24.5	.3	Visiting zoos, parks, fairs .....	123.6	72	66.1	.9
Fishing .....	91.0	53	61.9	1.9	Sightseeing <sup>2</sup> .....	106.5	62	61.7	1.2
Riding off-road vehicle .....	43.6	25	33.8	2.0	Picnicking .....	123.8	72	84.0	.3
Hiking, backpack .....	48.1	28	28.1	1.9	Pleasure driving .....	118.3	69	97.9	.7
Other walking, jogging .....	116.1	68	96.7	4.1	Bicycling .....	11.9	7	7.3	2.0
Bicycling .....	79.4	46	66.1	1.5	Skating, downhill .....	27.8	16	15.7	.9
Horseback riding .....	25.2	14	13.5	1.0	Ice skating, outdoor .....	35.5	20	20.8	.5
Water skiing .....	26.8	15	13.1	2.7	Sledding .....	13.8	8	7.8	1.5
Sailing .....	19.1	11	7.8	2.0	Snowmobiling .....	.2	(Z)	.2	.2
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 .....	3.4	2	2.7	.2
Swimming: <sup>1</sup> Pool .....	107.4	63	83.5	.9	Gardening .....	.2	(Z)	.2	.2
Other .....	77.9	45	59.5	.3	Exercise .....	.2	(Z)	.2	.3
Scuba diving .....	.2	(Z)	.2	-	Skate boarding .....	.2	(Z)	.2	.3
Golf .....	27.1	15	18.9	2.4					

- Represents zero. Z Less than one percent. <sup>1</sup> Includes sunbathing. <sup>2</sup> Historic or national sites.

Source: U.S. Heritage Conservation and Recreation Service, unpublished data.



## No. 413. SELECTED RECREATIONAL ACTIVITIES: 1960 TO 1979

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

ACTIVITY	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Softball, amateur: <sup>1</sup>									
Total participants <sup>2</sup> .....	Mil.....	(NA)	(NA)	16	26	28	28	29	30
Youth participants.....	1,000.....	(NA)	(NA)	255	450	475	495	570	600
Adult teams <sup>3</sup> .....	1,000.....	(NA)	(NA)	29	66	73	80	92	102
Youth teams <sup>3</sup> .....	1,000.....	(NA)	(NA)	2	9	10	13	14	15
Golfers (15 rounds or more) <sup>4</sup> .....	1,000.....	4,400	7,750	9,700	12,036	12,328	12,451	12,655	12,870
Golf courses <sup>5</sup> .....	Number.....	6,385	8,323	10,168	12,308	12,305	12,511	12,684	12,788
9-hole.....	Number.....	3,660	4,554	5,343	6,024	5,938	5,960	5,985	6,001
18-hole and larger.....	Number.....	2,725	3,769	4,845	6,282	6,367	6,551	6,699	6,787
Classification:									
Private.....	Number.....	3,236	3,887	4,619	5,085	5,069	5,136	5,168	5,146
Daily fee.....	Number.....	2,254	3,368	4,248	5,473	5,445	5,538	5,622	5,702
Municipal.....	Number.....	895	1,068	1,321	1,748	1,791	1,837	1,894	1,940
Tennis: <sup>6</sup> Players.....	1,000.....	5,000	(NA)	10,655	<sup>7</sup> 33,949	<sup>7</sup> 29,201	(NA)	<sup>7</sup> 31,217	32,271
Indoor.....	1,000.....	(NA)	(NA)	(NA)	<sup>7</sup> 3,463	<sup>7</sup> 4,072	(NA)	(NA)	5,000
Tennis courts.....	1,000.....	(NA)	(NA)	(NA)	130.0	141.0	(NA)	(NA)	160.0
Indoor.....	1,000.....	(NA)	(NA)	(NA)	7.8	9.0	(NA)	(NA)	11.9
Tenpin bowling: <sup>9</sup>									
Establishments.....	Number.....	8,997	10,752	9,140	8,577	8,607	8,640	8,698	8,699
Lanes.....	1,000.....	108	159	141	141	143	147	152	155
Membership, total <sup>10</sup> .....	1,000.....	5,538	8,010	7,733	8,751	9,196	9,453	9,717	9,740
American Bowling Congress.....	1,000.....	3,665	4,944	4,210	4,300	4,500	4,583	4,686	4,735
Women's Bowling Congress.....	1,000.....	1,543	2,736	2,988	3,692	3,870	4,044	4,177	4,198
Duckpin bowling: <sup>11</sup> <sup>12</sup>									
Establishments.....	Number.....	653	641	486	205	206	200	197	185
Lanes.....	Number.....	8,707	8,714	6,648	3,643	3,618	3,517	3,495	3,378
Teams.....	1,000.....	62.1	80.8	75.3	25.9	25.6	27.7	25.7	22.5
Motion picture theaters <sup>13</sup> <sup>14</sup> .....	1,000.....	<sup>12</sup> 15 16	13	14	15	16	16	16	17
Four-wall.....	1,000.....	<sup>12</sup> 15 12	9	10	11	12	13	13	13
Drive-in.....	1,000.....	<sup>12</sup> 15 4	4	4	4	4	3	3	4
Receipts, box office.....	Mil. dol.....	<sup>12</sup> 15 951	927	1,225	2,115	2,036	2,372	2,643	2,821
Admission, average price.....	Dollars.....	<sup>12</sup> 15 .65	<sup>10</sup> .85	1.55	2.05	2.13	2.23	2.34	2.52
Bicycles: <sup>17</sup>									
Domestic shipments.....	Mil.....	2.6	4.6	5.0	10.1	5.6	6.4	7.5	9.0
Imports.....	Mil.....	1.1	1.0	1.9	4.0	1.7	1.7	1.9	1.8
Boating: <sup>18</sup>									
Recreational boats owned <sup>19</sup> .....	Mil.....	<sup>20</sup> 7.2	7.9	8.8	9.7	10.1	10.5	11.3	11.6
Expenditures, total <sup>21</sup> .....	Bil. dol.....	2.5	2.7	3.4	4.8	5.3	5.9	6.7	7.5
Outboard motors in use.....	1,000.....	5,800	6,645	7,215	7,649	7,700	7,760	7,880	7,958
Value, retail.....	1,000.....	468	393	430	435	468	462	450	375
Outboard boats sold.....	Mil. dol.....	221	183	281	411	515	607	634	597
Value, retail.....	1,000.....	<sup>22</sup> 294	250	276	328	341	336	331	322
Inboard/outdrive boats sold.....	Mil. dol.....	(NA)	133	177	263	358	391	430	452
Value, retail.....	1,000.....	( <sup>22</sup> )	17	43	70	80	84	90	89
Snowmobiles: <sup>23</sup>									
Factory sales.....	1,000.....	(NA)	15	172	144	109	125	155	115
Apparent consumption <sup>24</sup> .....	1,000.....	(NA)	32	405	145	117	139	183	167

NA Not available. <sup>1</sup> Source: Amateur Softball Association, Oklahoma City, Okla.<sup>2</sup> Amateur Softball Association teams and other amateur softball teams. <sup>3</sup> Amateur Softball Association teams only.<sup>4</sup> Source: National Golf Foundation, North Palm Beach, Fla. <sup>5</sup> Prior to 1975, figures represent facilities.<sup>6</sup> Source: U.S. Tennis Association, Princeton, N.J. <sup>7</sup> Survey by A. C. Nielsen Co.<sup>8</sup> 1974 data. <sup>9</sup> Source: American Bowling Congress, Greendale, Wis. Season ending in year shown.<sup>10</sup> Includes American Jr. Bowling Congress. Beginning 1978, covers members in U.S. only.<sup>11</sup> Source: National Duckpin Bowling Congress, Washington, D.C. Season beginning in year shown.<sup>12</sup> Excludes Alaska and Hawaii. <sup>13</sup> Source: Motion Picture Association of America, Inc., New York, N.Y.<sup>14</sup> Prior to 1975, figures represent theaters; thereafter, screens. <sup>15</sup> 1958 data. <sup>16</sup> 1963 data.<sup>17</sup> Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C. <sup>18</sup> Source: Marex, Inc., Chicago, Ill.<sup>19</sup> Covers inboard and outboard motor boats, sailboats, canoes, rowboats, and other craft. <sup>20</sup> 1961 data.<sup>21</sup> Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance,

docking, maintenance, storage, repairs, and other expenses.

<sup>22</sup> Inboard/outdrive boats sold included with outboard boats sold.<sup>23</sup> Source: U.S. International Trade Commission.<sup>24</sup> Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

## NO. 414. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST: 1955 TO 1978

[For years ending June 30 except, beginning 1976, ending Sept. 30. For 1955, fishing and hunting licenses exclude Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1955	1960	1965	1970	1974	1975	1976	1977	1978
<b>Fishing licenses: Sales</b> .....	Mil.....	18.9	23.3	25.0	31.1	34.3	34.7	34.9	34.0	32.8
Resident.....	Mil.....	16.2	20.2	21.6	26.8	29.5	30.0	28.8	29.0	27.9
Nonresident.....	Mil.....	2.6	3.1	3.4	4.3	4.8	4.7	5.1	5.0	4.9
Cost to anglers.....	Mil. dol.....	40	52	63	91	128	142	155	156	159
<b>Hunting licenses: Sales</b> .....	Mil.....	14.2	18.4	19.4	22.2	25.1	25.9	25.2	25.4	25.8
Resident.....	Mil.....	13.9	17.8	18.5	21.0	23.8	24.7	24.0	24.1	24.4
Nonresident.....	Mil.....	.3	.6	.9	1.2	1.3	1.3	1.3	1.3	1.4
Cost to hunters.....	Mil. dol.....	43	61	75	102	143	155	164	173	185
<b>Federal duck stamps sold</b> .....	1,000.....	2,185	1,629	1,566	2,072	2,046	2,222	2,219	2,197	2,209

## NO. 415. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST, BY STATES: 1978

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

STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)		STATE	PAID LICENSE HOLDERS <sup>1</sup> (1,000)		COST OF LICENSES <sup>2</sup> (\$1,000)	
	Fishing	Hunting	Fishing	Hunting		Fishing	Hunting	Fishing	Hunting
<b>United States</b> .....	<b>26,150</b>	<b>16,277</b>	<b>158,949</b>	<b>185,107</b>	Missouri.....	818	472	5,621	5,552
Alabama.....	583	343	2,213	2,264	Montana.....	329	208	3,458	3,997
Alaska.....	179	69	2,229	2,131	Nebraska.....	202	151	1,827	2,882
Arizona.....	447	189	3,107	2,840	Nevada.....	160	45	1,212	703
Arkansas.....	627	332	4,695	3,385	New Hampshire.....	123	93	1,167	1,284
California.....	2,192	569	17,097	6,490	New Jersey.....	155	178	1,490	2,420
Colorado.....	612	315	4,931	16,467	New Mexico.....	179	116	1,654	2,545
Connecticut.....	184	81	697	386	New York.....	822	729	5,130	7,607
Delaware.....	13	28	70	230	North Carolina.....	456	375	3,420	3,538
Florida.....	750	263	2,826	1,637	North Dakota.....	160	102	444	1,037
Georgia.....	617	374	2,283	2,904	Ohio.....	871	559	3,597	3,881
Hawaii.....	9	11	28	88	Oklahoma.....	606	279	3,298	2,307
Idaho.....	377	217	2,368	3,880	Oregon.....	732	373	5,885	6,158
Illinois.....	719	423	1,724	1,482	Pennsylvania.....	1,005	1,286	7,298	15,063
Indiana.....	651	420	2,296	1,992	Rhode Island.....	30	15	94	64
Iowa.....	464	345	1,945	3,145	South Carolina.....	399	219	1,957	2,022
Kansas.....	317	226	1,691	1,937	South Dakota.....	136	128	658	1,926
Kentucky.....	602	324	2,874	2,507	Tennessee.....	659	484	4,726	2,475
Louisiana.....	429	359	953	2,757	Texas.....	1,483	867	6,058	5,826
Maine.....	252	227	2,492	3,597	Utah.....	369	227	2,296	3,109
Maryland.....	128	181	648	2,258	Vermont.....	135	153	721	1,806
Massachusetts.....	186	109	1,462	942	Virginia.....	431	449	2,346	4,286
Michigan.....	1,255	953	8,937	9,407	Washington.....	567	345	5,006	5,570
Minnesota.....	1,339	483	8,239	6,603	West Virginia.....	273	317	1,791	2,568
Mississippi.....	395	312	1,400	2,181	Wisconsin.....	1,425	739	8,801	8,192
					Wyoming.....	295	216	1,775	6,773

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

Source of tables 414 and 415: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

## NO. 416. 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. NA = Not available]

ITEM	Fisher- men and hunters, 1960	Fisher- men and hunters, 1965	1970, PERSONS WHO—			1975, PERSONS WHO—		
			Fished and/or hunted	Fished	Hunted	Fished and/or hunted	Fished	Hunted
<b>Total</b> .....	<b>30,435</b>	<b>32,881</b>	<b>36,277</b>	<b>33,158</b>	<b>14,336</b>	<b>59,536</b>	<b>53,929</b>	<b>20,591</b>
Male.....	23,171	25,216	26,928	24,073	13,467	(NA)	37,211	18,944
Female.....	7,264	7,665	9,349	9,085	869	(NA)	16,718	1,647
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

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

## NO. 417. SELECTED SPECTATOR SPORTS: 1960 TO 1979

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

SPORT	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Baseball, major leagues: <sup>1,2</sup>									
Attendance.....	1,000.....	20,261	22,806	29,191	30,373	31,974	39,523	41,402	44,262
Regular season.....	1,000.....	19,911	22,442	28,747	29,789	31,318	38,710	40,637	43,550
National League.....	1,000.....	10,685	13,581	16,662	16,600	16,661	19,070	20,107	21,178
American League.....	1,000.....	9,227	8,861	12,085	13,189	14,658	19,640	20,530	22,372
Playoffs.....	1,000.....	(X)	(X)	191	276	432	475	428	344
World Series.....	1,000.....	350	364	253	308	223	338	337	368
Basketball: <sup>3</sup>									
College: <sup>4</sup> Teams.....	Number.....	(NA)	(NA)	(NA)	(NA)	(NA)	1,214	1,253	1,240
Attendance.....	1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	29,041	29,104	30,025
Professional, attendance: <sup>5</sup> .....	1,000.....	1,986	2,750	<sup>a</sup> 7,113	<sup>a</sup> 10,954	8,494	10,706	10,672	10,665
Football: <sup>6</sup>									
College: <sup>4</sup> Teams.....	Number.....	620	616	617	634	637	638	643	643
Attendance.....	1,000.....	20,403	24,683	29,466	31,688	32,012	32,905	34,252	35,020
Pro: <sup>7</sup> Total attendance.....	1,000.....	<sup>a</sup> 4,154	<sup>a</sup> 6,547	9,992	10,689	11,563	11,552	13,395	13,812
Regular season.....	1,000.....	<sup>a</sup> 4,054	<sup>a</sup> 6,416	9,533	10,213	11,071	11,018	12,771	13,182
Postseason games: <sup>9</sup> .....	1,000.....	<sup>a</sup> 100	<sup>a</sup> 131	458	476	493	534	624	630
N. American Soccer League: <sup>10</sup>									
Teams.....	Number.....	(X)	(X)	6	20	20	18	24	24
Attendance.....	1,000.....	(X)	(X)	(NA)	1,825	2,748	3,674	5,351	5,800
National Hockey League: <sup>11,12</sup>									
Regular season attendance.....	1,000.....	2,387	2,823	5,992	9,522	9,104	8,564	8,526	8,333
Playoffs attendance.....	1,000.....	187	304	462	784	727	646	686	694
World Hockey Association: <sup>13,12</sup>									
Regular season attendance.....	1,000.....	(X)	(X)	(X)	4,096	4,123	3,625	2,890	2,193
Playoffs attendance.....	1,000.....	(X)	(X)	(X)	336	446	401	231	186
Professional boxers: <sup>13,14</sup>	Number.....	<sup>15</sup> 2,920	2,202	5,071	7,647	8,327	8,872	9,143	9,461
Boxing receipts, gross: <sup>15,16</sup>	\$1,000.....	<sup>15</sup> 5,802	8,264	10,642	13,179	<sup>17</sup> 18,000	<sup>17</sup> 19,036	24,785	28,653
Horse racing: <sup>18,19</sup> Racing days.....	Number.....	6,099	8,051	9,962	13,110	13,570	13,300	13,147	<sup>20</sup> 13,083
Attendance.....	1,000.....	46,879	62,867	69,704	78,662	79,307	75,987	75,324	<sup>20</sup> 73,818
Parimutuel turnover.....	Mill. dol.....	3,358	4,615	5,977	7,862	9,421	9,698	10,029	<sup>20</sup> 10,580
Revenue to States.....	Mill. dol.....	258	370	486	582	616	700	673	<sup>20</sup> 707
Greyhound: <sup>18</sup> Racing days.....	Number.....	2,478	3,443	3,023	3,960	4,589	5,218	5,601	5,813
Attendance.....	1,000.....	7,924	10,865	12,680	17,458	18,978	19,985	20,272	21,155
Parimutuel turnover.....	Mill. dol.....	322	460	730	1,261	1,429	1,591	1,746	1,987
Revenue to States.....	Mill. dol.....	22	33	53	91	107	119	128	140

NA Not available. X Not applicable. <sup>1</sup>Excludes Alaska and Hawaii. <sup>2</sup>Source: The National League of Professional Baseball Clubs, New York, N.Y., *National League Green Book*; and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book*. <sup>3</sup>Season ending in year shown. <sup>4</sup>Source: National Collegiate Athletic Assn., Shawnee Mission, Kans. <sup>5</sup>Source: National Basketball Assn., New York, N.Y. Includes playoffs. <sup>6</sup>Includes American Basketball Assn., which, beginning 1977, ceased operation. <sup>7</sup>Source: National Football League, New York, N.Y. <sup>8</sup>Includes American Football League. Beginning 1970, American Football League merged with National Football League. <sup>9</sup>Beginning 1970, includes Pro Bowl, a non-championship game. <sup>10</sup>Source: North American Soccer League, New York, N.Y. <sup>11</sup>Source: National Hockey League, Montreal, Quebec. <sup>12</sup>The World Hockey Assn., Hartford, Conn. <sup>13</sup>Source: The Ring Publishing Corp., New York, N.Y., *The Ring Magazine* (copyright). <sup>14</sup>Boxers listed for one or more bouts. <sup>15</sup>Excludes Alaska. <sup>16</sup>Excludes closed-circuit TV receipts. <sup>17</sup>Unpublished unofficial estimate. <sup>18</sup>Source: National Assn. of State Racing Commissioners, Lexington, Ky. <sup>19</sup>Includes thoroughbred, harness, quarter horse, and fairs. <sup>20</sup>Estimate.

Source: Compiled from sources listed in footnotes.

## NO. 418. 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  $\pm$  \$3.0 billion for legal betting and \$5.1 billion  $\pm$  \$1.3 billion for illegal. See also headline, table 419]

TYPE	Total outlays ventured (mil. dol.)	Net outlays <sup>1</sup> (mil. dol.)	ADULTS WHO GAMBLE		TYPE	Total outlays ventured (mil. dol.)	Net outlays <sup>1</sup> (mil. dol.)	ADULTS WHO GAMBLE	
			Per- cent of all adults	Avg. annual outlay				Per- cent of all adults	Avg. annual outlay
All types.....	22,421	4,385	48.0	\$387	Illegal.....	5,074	1,039	11.2	\$318
Legal.....	17,347	3,347	<sup>a</sup> 44.3	273	Sports books.....	2,341	105	1.9	623
Horses at track.....	7,930	1,247	13.7	448	Horse books.....	1,368	227	2.4	416
OTB, <sup>3</sup> New York..	967	171	<sup>a</sup> 13.5	<sup>a</sup> 1,118					
Legal casinos.....	6,076	1,004	9.4	448	Numbers.....	1,064	575	3.0	273
Bingo.....	1,735	551	18.7	74	Sports cards.....	191	115	3.0	44
Lotteries.....	639	374	24.0	25	Casino games.....	110	19	(NA)	(NA)

NA Not available. <sup>1</sup>Dollars lost by bettors or amount taken out by commercial operators before remainder is paid back as winnings. <sup>2</sup>Includes dog tracks, jai alai, and other games not shown separately. <sup>3</sup>Off-track betting. <sup>4</sup>N.Y. area only.

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

## NO. 419. PERCENT OF ADULTS WHO GAMBLE, BY 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 non-betters	Never have bet	BETTERS			CHARACTERISTIC	All non-betters	Never have bet	BETTERS		
			All <sup>1</sup>	Legal commercial <sup>2</sup>	Illegal				All <sup>1</sup>	Legal commercial <sup>2</sup>	Illegal
Total.....	39	32	61	44	11	Married.....	38	31	62	44	11
Adult equivalent (mil.).....	56.2	46.1	87.9	63.4	15.9	Divorced or separated.....	29	23	71	57	16
Male.....	32	25	68	47	17	Widowed.....	82	72	18	16	2
Female.....	45	39	55	42	5	Never married.....	30	27	70	53	15
White.....	38	31	62	45	10	Not high school graduate.....	59	49	41	30	8
Black and other.....	48	39	52	38	17	High school graduate.....	34	28	66	48	12
18-24 years old.....	27	25	73	48	15	Some college.....	28	22	72	52	13
25-44 years old.....	31	26	69	52	14	College graduate.....	21	18	79	56	11
45-64 years old.....	40	33	60	42	8	Catholic.....	20	17	80	65	16
65 years old and over.....	77	65	23	17	2	Protestant.....	46	39	54	36	9
Employed.....	29	23	71	50	15	Baptist.....	55	47	45	30	10
Unemployed.....	31	25	69	54	15	Methodist.....	37	30	63	41	11
Annual income of—						Bible-oriented sects.....	67	57	33	19	8
Under \$5,000.....	76	66	24	17	3	Other <sup>3</sup> .....	26	20	74	51	10
\$5,000–\$10,000.....	49	42	51	39	8	Jewish.....	23	23	77	68	19
\$10,000–\$15,000.....	31	24	69	46	10	Atheist, no preference.....	60	44	40	33	5
\$15,000 and over.....	26	21	74	54	15	Northeast.....	20	17	80	67	19
						North Central.....	34	28	66	48	12
						South.....	60	52	40	23	6
						West.....	35	24	65	47	7

<sup>1</sup> Bettors are persons who gambled at any time during the year. Includes betting only with friends, not shown separately.

<sup>2</sup> Covers bettors who made legal commercial bets and bets with friends, and bettors who made only legal commercial bets. <sup>3</sup> Presbyterian, Lutheran, Congregational, and Episcopal.

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

## NO. 420. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1979

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>National Endowment for the Arts:</b>									
Funds available <sup>1</sup> .....	15.7	36.3	45.3	71.8	86.9	95.6	114.5	142.0	179.6
Program appropriation.....	6.3	26.2	34.7	54.3	67.3	74.5	77.5	89.1	102.1
Non-Federal gifts <sup>2</sup> .....	2.0	3.5	3.6	7.3	7.7	7.5	16.5	25.5	37.5
Matching funds <sup>3</sup> .....	2.0	3.5	3.5	6.5	7.5	7.5	16.5	25.5	37.5
Grants awarded (number).....	556	1,543	2,112	2,957	3,071	4,325	4,302	4,225	5,090
Funds obligated.....	12.9	33.1	42.0	67.6	81.7	92.6	112.6	141.9	178.4
Music.....	2.5	9.7	10.4	16.1	14.9	17.2	25.1	29.0	29.5
State arts agencies.....	1.9	5.5	6.9	10.6	14.7	15.6	16.3	20.0	24.4
Museums.....	(NA)	4.1	4.6	9.0	10.8	11.4	12.9	23.1	25.8
Theater.....	2.8	2.7	3.3	5.0	6.4	6.3	7.3	8.9	13.4
Dance.....	1.7	2.3	2.8	3.9	6.1	5.6	7.9	8.7	13.5
Public media.....	.2	2.0	2.8	4.9	5.4	9.3	8.2	10.1	11.3
Other.....	3.8	6.8	11.3	18.3	23.3	27.2	34.9	42.0	60.6
<b>National Endowment for the Humanities:</b>									
Funds available <sup>1</sup> .....	13.0	36.4	47.5	65.6	86.0	98.8	124.3	137.8	166.9
Program appropriation.....	6.1	24.5	34.5	44.5	67.3	72.0	77.5	87.8	98.3
Non-Federal gifts <sup>2</sup> .....	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5
Matching funds <sup>3</sup> .....	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5
Grants awarded (number).....	542	1,109	1,256	1,293	1,330	1,614	2,045	2,701	2,690
Funds obligated.....	10.5	31.9	40.5	60.2	73.1	88.6	116.8	149.0	185.1
Education programs.....	4.2	12.8	11.8	17.1	17.1	20.0	20.1	19.8	20.0
State programs.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	19.9	28.5
Research grants.....	2.0	7.8	9.7	13.7	13.4	18.6	22.2	28.3	32.2
Fellowship program.....	1.7	5.3	7.4	7.5	10.9	11.7	13.2	17.4	16.8
Public programs.....	1.7	5.3	9.7	19.0	26.3	31.2	15.7	19.1	23.7
Planning.....	.9	.7	1.9	2.9	5.5	5.1	6.6	7.9	12.1
Challenge <sup>4</sup> .....	(x)	(x)	(x)	(x)	(x)	(x)	19.1	39.5	55.6

NA Not available. X Not applicable. <sup>1</sup> Includes other funds, not shown separately. Excludes administrative funds.

<sup>2</sup> Gifts only received by the Endowment for the support of a cultural organization which release a like amount in Federal funds. <sup>3</sup> Represents Federal funds appropriated only upon receipt by Endowment of matching non-Federal gifts.

<sup>4</sup> Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar.

Source: U.S. National Endowment for the Arts, *Annual Report*; and U.S. National Endowment for the Humanities, *Annual Report*.

## NO. 421. PERFORMING ARTS—SELECTED DATA: 1960 TO 1979

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Legitimate theater: <sup>1</sup></b>										
<b>Broadway shows:</b>										
New productions.....	58	67	62	58	50	59	62	63	54	47
Playing weeks <sup>2</sup> .....	1,156	1,250	1,047	889	907	1,101	1,136	1,347	1,360	1,472
Gross box office receipts.....	45.7	50.5	53.3	45.3	46.3	57.4	70.8	93.4	103.8	128.1
<b>Road shows:</b>										
Playing weeks <sup>3</sup> .....	728	643	1,024	1,056	899	799	814	987	1,025	1,192
Gross box office receipts.....	27.3	25.9	48.0	55.9	45.7	50.9	52.6	82.6	105.6	143.9
<b>Opera companies <sup>4</sup></b>	<b>754</b>	<b>732</b>	<b>648</b>	<b>817</b>	<b>902</b>	<b>807</b>	<b>913</b>	<b>914</b>	<b>956</b>	<b>966</b>
Major.....	(NA)	27	35	48	53	54	65	68	78	95
Expenditures.....	(NA)	(NA)	36.5	(NA)	(NA)	(NA)	71.8	79.7	96.3	111.5
Other companies.....	403	296	266	356	400	335	412	424	458	456
Workshops.....	351	409	347	413	449	418	436	422	420	415
Performances.....	4,232	4,176	4,779	5,993	6,676	6,428	7,109	7,389	7,806	8,554
Operas performed.....	287	331	341	425	403	387	427	427	448	498
World premiere.....	(NA)	(NA)	17	43	32	16	45	33	42	64
Attendance (mil.).....	(NA)	(NA)	4.6	(NA)	8.0	8.0	8.9	9.2	9.8	9.9
<b>Symphony orchestras <sup>5</sup></b>	<b>1,226</b>	<b>1,385</b>	<b>1,441</b>	<b>1,463</b>	<b>1,463</b>	<b>1,463</b>	<b>1,410</b>	<b>1,453</b>	<b>1,470</b>	<b>1,540</b>
College.....	250	290	298	300	300	300	356	356	278	379
Community.....	933	1,032	1,019	1,017	1,003	1,003	872	888	<sup>6</sup> 950	<sup>6</sup> 909
Urban.....	( <sup>7</sup> )	( <sup>7</sup> )	24	36	43	41	56	69	76	79
Metropolitan.....	16	38	72	82	88	90	79	86	106	113
Regional.....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	16	23	29	29
Major.....	25	25	28	28	29	29	31	31	31	31
Musicians.....	(NA)	2,216	2,513	2,454	2,614	2,635	2,782	2,772	2,781	2,820
Concerts played.....	(NA)	2,987	4,349	4,531	4,723	4,909	5,314	5,904	5,851	5,656
Attendance (mil.).....	(NA)	6.8	9.0	10.8	11.8	12.0	13.4	13.7	13.7	13.7
Ensemble concerts.....	(NA)	(NA)	(NA)	812	1,208	1,191	956	1,002	1,197	1,492
Attendance (1,000).....	(NA)	(NA)	(NA)	520	544	650	605	353	411	306
Gross expenditures.....	(NA)	27.7	58.8	75.6	85.6	96.6	108.4	121.5	138.0	161.1

NA Not available. <sup>1</sup> Source: *Variety*, New York, N.Y., June 6, 1979 issue (copyright). <sup>2</sup> All shows (new productions and holdovers from previous seasons). <sup>3</sup> Eight performances constitute one playing week. <sup>4</sup> 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. Workshops are primarily college and university opera companies. <sup>5</sup> Source: American Symphony Orchestra League, Inc., Vienna, Va. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1979, community, under \$50,000; urban, \$50,000–\$100,000; metropolitan, \$100,000–\$500,000; regional, \$500,000–\$2,000,000; and major, over \$2,000,000. Prior to 1976, other budget classifications were in effect. <sup>6</sup> Includes youth and chamber groups with budgets under \$50,000. <sup>7</sup> Classification began in 1967. <sup>8</sup> Classification began in 1976.

Source: Compiled from sources listed in footnotes.

## NO. 422. 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 <sup>1</sup>	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

<sup>1</sup> 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. 423. 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 Census of Transportation, National Travel Survey; see Appendix III]

CHARACTERISTIC	1972				1977					
	Person-trips		Person-miles <sup>1</sup>		Household trips		Person-trips		Person-miles <sup>1</sup>	
	Number (mil.)	Per cent	Number (bil.)	Per cent	Number (mil.)	Per cent	Number (mil.)	Per cent	Number (bil.)	Per cent
Total .....	458	100.0	362	100.0	313	100.0	539	100.0	382	100.0
Auto/truck, no camping equipment .....	356	77.7	229	63.3	222	71.1	411	76.3	208	54.4
Auto/truck with camping equipment .....	34	7.4	28	7.7	14	4.4	31	5.8	23	5.9
Bus .....	8	1.8	6	1.6	12	3.8	15	2.8	9	2.3
Train .....	2	.4	2	.5	3	1.0	4	.8	4	1.0
Airplane .....	54	11.8	94	25.9	52	16.7	66	12.2	126	33.0
Other <sup>2</sup> .....	4	.8	4	1.2	9	2.9	13	2.3	13	3.4
Purpose of trip: Visiting .....	176	38.4	140	38.7	101	32.2	198	36.8	140	36.7
Business/convention .....	93	20.2	80	22.0	87	27.7	105	19.6	87	22.8
Outdoor recreation .....	57	12.4	33	9.0	36	11.5	71	13.1	36	9.3
Entertainment, sightseeing .....	61	13.3	56	15.3	37	11.8	70	13.0	58	15.3
Personal, shopping, medical .....	72	15.7	54	14.9	38	12.2	71	13.1	44	11.6
Other .....					14	4.6	24	4.4	17	4.4
Round-trip distance:										
200-399 miles .....	189	41.2	55	15.1	155	49.5	272	50.5	75	19.6
400-599 miles .....	92	20.0	44	12.1	53	17.0	94	17.4	46	11.9
600-799 miles .....	45	9.9	31	8.5	24	7.6	41	7.5	28	7.3
800-999 miles .....	25	5.5	22	6.1	14	4.5	24	4.5	21	5.6
1,000-1,999 miles .....	48	10.4	66	18.1	29	9.3	48	8.8	67	17.4
2,000 miles and over .....	41	8.9	145	40.0	27	8.8	43	7.9	146	38.1
Outside United States .....	18	4.0	(x)	(x)	10	3.3	18	3.3	(x)	(x)
Duration of trip:										
No nights out of town .....	83	18.0	31	8.6	64	20.3	101	18.7	32	8.4
1 night .....	(NA)	(NA)	(NA)	(NA)	52	16.6	89	16.5	38	9.8
2-3 nights .....	(NA)	(NA)	(NA)	(NA)	108	34.7	193	35.8	103	26.9
4-9 nights .....	(NA)	(NA)	(NA)	(NA)	61	19.6	108	20.0	117	30.6
10-15 nights .....	(NA)	(NA)	(NA)	(NA)	15	4.9	28	5.2	51	13.3
16 nights or more .....	16	3.4	35	9.7	12	3.9	20	3.8	42	11.0
Number on trip:										
1 person .....	120	26.2	106	29.3	186	59.4	186	34.6	147	38.5
2 persons .....	131	28.5	109	30.3	79	25.2	164	30.5	119	31.2
3-4 persons .....	(NA)	(NA)	(NA)	(NA)	39	12.4	137	25.5	86	22.5
5 persons or more .....	(NA)	(NA)	(NA)	(NA)	9	3.0	51	9.5	30	7.9

NA Not available. X Not applicable. <sup>1</sup> Miles of travelers adjusted for circuitry based on type of transport.

<sup>2</sup> Includes different means of going and coming.

## NO. 424. U.S. TRAVEL, BY SELECTED CHARACTERISTICS OF TRAVELERS: 1977

[See headnote, table 423]

CHARACTERISTIC	TRAVELERS						HOUSEHOLDS <sup>2</sup>			
	Total		Person-trips		Person-miles <sup>1</sup>		Traveling		Nontraveling	
	Number (mil.)	Per cent	Number (mil.)	Per cent	Number (bil.)	Per cent	Number (mil.)	Per cent	Number (mil.)	Per cent
Total .....	136	100.0	539	100.0	382	100.0	54	100.0	21	100.0
Male .....	67	49.2	296	54.8	212	55.3	42	78.4	13	63.2
Female .....	69	50.8	244	45.2	171	44.7	12	21.6	8	36.8
White .....	124	91.1	505	93.7	356	93.2	49	90.6	17	81.2
Black and other .....	12	8.9	34	6.3	26	6.8	5	9.4	4	18.8
Under 18 years .....	38	28.0	116	21.5	73	19.0	(z)	(z)	-	-
18-24 years .....	19	13.7	62	11.5	40	10.4	5	10.1	2	7.6
25-44 years .....	40	29.3	193	35.8	138	36.0	23	41.9	6	28.0
45-64 years .....	29	21.3	135	25.0	104	27.1	16	33.8	6	29.3
65 and over .....	10	7.7	33	6.2	29	7.5	8	14.2	7	35.1
Owned dwelling .....	101	74.3	404	74.9	288	75.2	37	67.9	12	57.5
Rented dwelling .....	35	25.7	136	25.1	95	24.8	17	32.1	9	42.5
Family income:										
Under \$5,000 .....	12	8.8	35	6.5	24	6.3	7	12.4	7	33.4
\$5,000-\$7,499 .....	11	8.1	33	6.1	24	6.2	5	9.8	4	17.1
\$7,500-\$9,999 .....	10	7.6	33	6.2	23	5.9	5	9.1	2	10.6
\$10,000-\$14,999 .....	31	22.6	111	20.6	73	19.1	12	23.2	4	18.6
\$15,000-\$19,999 .....	26	18.9	102	18.8	66	17.3	9	17.4	2	12.0
\$20,000-\$24,999 .....	20	14.9	85	15.8	58	15.3	7	12.7	1	4.6
\$25,000 and over .....	26	19.2	140	25.9	114	29.8	8	15.4	1	3.8

- Represents zero. Z Fewer than 500 thousand or .05 percent. <sup>1</sup> See footnote, 1, table 423. <sup>2</sup> For sex, race, and age, refers to household; see text, pp. 3 and 4. <sup>3</sup> Includes occupied without cash payment.

Source of tables 423 and 424: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey*.

## NO. 425. CHARACTERISTICS OF HOUSEHOLD TRIPS, BY PURPOSE OF TRIP: 1977

[See headnote, table 423]

CHARACTERISTIC	Total household trips (mil.)	PERCENT						
		Total	Visit relatives, friends	Business, convention	Outdoor recreation	Personal affairs, medical	Entertainment	Sightseeing
Total.....	313	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Means of transport:								
Auto/truck.....	236	75.5	81.5	61.9	90.2	82.3	75.1	67.3
Bus.....	12	3.8	2.8	1.2	3.6	2.6	8.9	11.5
Train.....	3	1.0	1.2	1.5	.2	.9	.8	1.0
Airplane.....	52	16.7	11.4	33.0	3.9	10.3	12.6	17.3
Other <sup>1</sup> .....	9	2.9	3.2	2.4	2.1	4.0	2.6	2.9
Used a travel agent.....	24	7.6	4.9	11.5	3.5	3.9	10.3	19.2
Rented a car.....	16	5.1	2.1	11.3	2.0	2.9	4.6	5.9

<sup>1</sup> Includes different means of going and coming.Source: U.S. Bureau of the Census, *Census of Transportation, 1977 National Travel Survey*.

## NO. 426. PASSPORTS, BY CHARACTERISTICS OF TRAVELERS AND TRAVEL: 1960 TO 1979

[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. Excludes passport renewals. 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	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total passports.....</b>	<b>853</b>	<b>1,330</b>	<b>2,219</b>	<b>2,728</b>	<b>2,729</b>	<b>2,415</b>	<b>2,334</b>	<b>2,817</b>	<b>3,107</b>	<b>3,234</b>	<b>3,170</b>
Male.....	420	699	1,124	1,359	1,321	1,155	1,128	1,354	1,496	1,555	1,543
Female.....	433	631	1,095	1,369	1,408	1,260	1,206	1,463	1,611	1,679	1,627
Under 20 years.....	83	198	362	470	497	448	405	460	511	541	567
20-29 years.....	148	264	507	585	564	491	459	530	566	580	581
30-39 years.....	143	206	293	369	376	346	345	432	499	535	547
40-49 years.....	136	217	356	434	431	371	347	423	452	472	465
50-59 years.....	156	203	341	437	434	383	384	484	527	545	506
60 years and over.....	187	242	360	433	427	374	395	468	552	561	504
<b>Object of travel:<sup>1</sup></b>											
Pleasure, personal reasons.....	673	1,022	2,008	2,484	2,323	1,767	1,692	2,114	2,108	2,389	2,094
Business.....	24	76	40	68	155	268	273	273	191	164	202
Education.....	31	31	20	33	95	153	132	126	79	75	93
Religion, health, other.....	9	10	5	6	10	21	26	16	11	13	15
Government.....	116	191	146	137	146	149	132	135	154	143	147
Not stated.....	(NA)	(NA)	(NA)	(NA)	(NA)	57	79	153	564	450	619

NA Not available. <sup>1</sup> Data not entirely comparable because of changes in classifications.Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

## NO. 427. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1965 TO 1979

[Travelers in thousands; expenditures in millions of dollars. 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. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1965	1970	1974	1975	1976	1977	1978	1979 <sup>1</sup>
<b>Travelers from overseas.....</b>	<b>1,204</b>	<b>2,288</b>	<b>3,700</b>	<b>3,674</b>	<b>4,456</b>	<b>4,509</b>	<b>5,764</b>	<b>7,230</b>
Western Europe.....	564	984	1,544	1,500	1,892	1,885	2,483	3,135
Caribbean, Central America.....	(NA)	484	508	478	573	578	703	855
South America.....	(NA)	318	401	438	510	573	773	995
Japan.....	44	207	764	747	766	750	886	1,095
Other.....	596	295	483	511	715	723	919	1,150
<b>Total expenditures.....</b>	<b>1,545</b>	<b>2,708</b>	<b>4,845</b>	<b>5,464</b>	<b>6,679</b>	<b>7,175</b>	<b>8,424</b>	<b>10,012</b>
Canada.....	490	859	1,225	1,561	1,993	2,150	2,248	2,092
Mexico.....	390	583	1,142	1,311	1,364	1,316	1,459	1,869
Western Europe.....	200	318	570	611	852	1,003	1,323	1,667
Caribbean, Central America.....	(NA)	170	216	206	289	276	322	375
South America.....	(NA)	164	237	303	360	455	660	793
Japan.....	27	101	402	410	439	450	539	699
Other.....	273	136	240	295	455	500	635	840
Fares to U.S. carriers <sup>2</sup> .....	165	377	813	767	937	1,025	1,236	1,677

NA Not available. <sup>1</sup> Preliminary. <sup>2</sup> Includes fares paid to and from the United States only.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*.

## No. 428. U.S. TRAVEL TO FOREIGN COUNTRIES—TRAVELERS AND EXPENDITURES: 1960 TO 1979

[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	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
<b>Total overseas travelers <sup>2</sup></b> .....	<b>1,634</b>	<b>2,623</b>	<b>5,260</b>	<b>6,933</b>	<b>6,467</b>	<b>6,354</b>	<b>6,897</b>	<b>7,390</b>	<b>7,790</b>	<b>7,835</b>
Means of transport from U.S.:										
Sea.....	317	237	120	57	47	36	55	(NA)	(NA)	(NA)
Air.....	1,317	2,386	5,140	6,876	6,420	6,318	6,842	(NA)	(NA)	(NA)
Region of destination:										
Europe and Mediterranean.....	832	1,405	2,898	3,915	3,325	3,185	3,523	3,920	4,105	4,068
Average length of stay (days).....	(NA)	39	27	24	24	24	24	19	20	20
Caribbean and Central America.....	641	891	1,663	2,032	2,147	2,065	2,201	2,203	2,365	2,533
South America.....	71	127	249	383	423	447	436	483	515	434
Other.....	90	200	450	603	572	657	737	784	805	800
<b>Total expenditures <sup>3</sup></b> .....	<b>2,623</b>	<b>3,768</b>	<b>6,180</b>	<b>8,472</b>	<b>9,406</b>	<b>10,143</b>	<b>10,868</b>	<b>11,924</b>	<b>13,155</b>	<b>14,574</b>
Foreign flag carriers <sup>4</sup> .....	513	720	1,215	1,790	2,095	2,283	2,568	2,748	2,896	3,100
United States flag carriers <sup>4</sup> .....	360	610	985	1,156	1,331	1,463	1,444	1,725	1,784	2,061
Expenditures abroad .....	1,750	2,438	3,960	5,526	5,980	6,417	6,856	7,451	8,475	9,413
Canada.....	380	600	1,018	1,158	1,359	1,306	1,371	1,433	1,407	1,599
Mexico.....	383	540	778	1,264	1,475	1,637	1,723	1,918	2,121	2,460
Total overseas areas.....	987	1,298	2,184	3,104	3,146	3,474	3,762	4,100	4,947	5,354
Europe and Mediterranean.....	692	864	1,425	1,993	1,802	1,918	2,150	2,398	2,942	3,185
Average per trip <sup>5</sup> (dollars).....	930	611	490	509	542	602	610	612	717	783
(NA).....	(NA)	15.67	18.15	21.21	22.58	25.19	25.42	32.21	35.85	39.15
Caribbean and Central America.....	166	220	390	570	685	787	784	790	888	1,019
South America.....	45	68	90	132	209	242	232	254	306	208
Japan.....	36	60	97	123	102	131	145	149	155	142
Other.....	48	86	182	286	348	396	451	509	656	720

NA. Not available. <sup>1</sup> Preliminary. <sup>2</sup> Excludes the following: Travel to Canada and Mexico; travel between continental 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. <sup>3</sup> 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. <sup>4</sup> Excludes passenger fares of emigrant aliens. <sup>5</sup> Excludes transatlantic passenger fares.

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

## No. 429. AIR TRAVEL BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: 1975 TO 1979

[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands, and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 225,000 arrivals in 1979. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

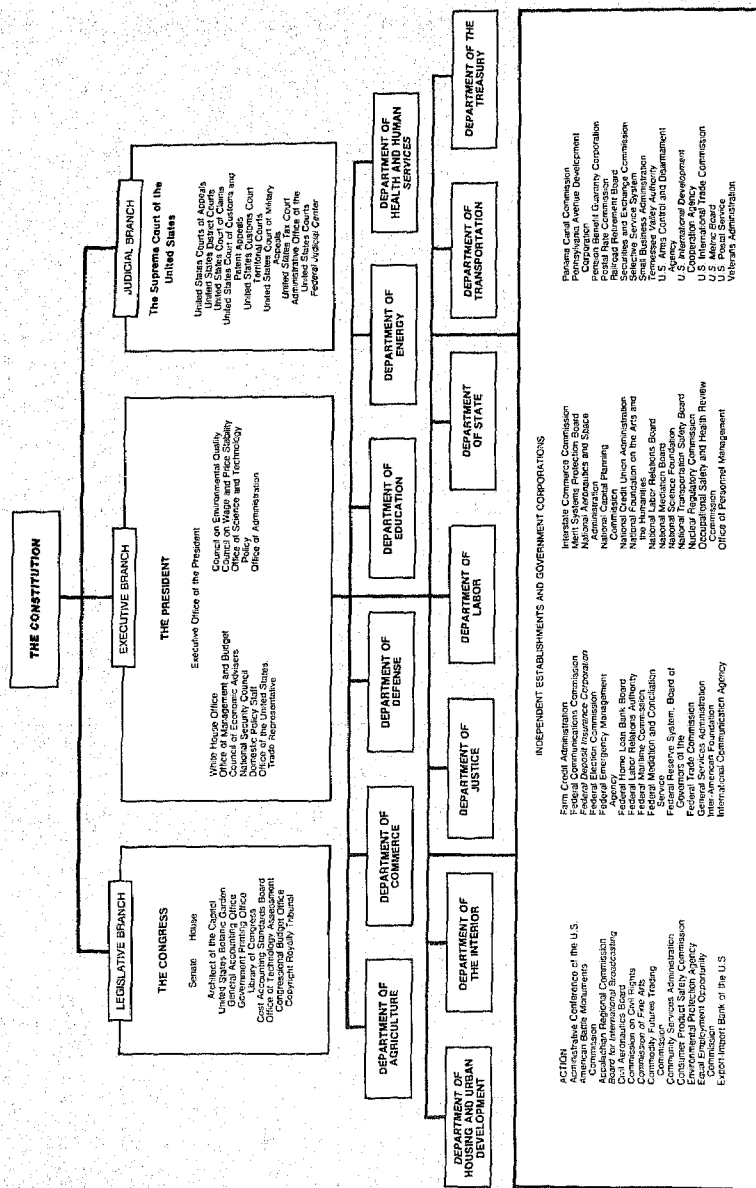
FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
<b>Total passengers .....</b>	<b>12,646</b>	<b>13,754</b>	<b>14,701</b>	<b>16,955</b>	<b>19,282</b>	<b>12,053</b>	<b>13,017</b>	<b>13,804</b>	<b>15,800</b>	<b>18,128</b>
Flag of carrier:										
United States.....	6,503	6,937	7,487	8,551	9,871	5,913	6,416	6,889	7,834	9,142
Foreign.....	6,143	6,817	7,214	8,405	9,411	6,141	6,601	6,915	7,966	8,986
Country of embarkation or debarkation: <sup>1</sup>										
Bahamas, The.....	758	775	799	993	1,079	704	706	719	865	925
Bermuda.....	398	452	441	426	469	372	412	414	405	444
Brazil.....	212	183	186	219	253	206	192	181	217	252
Colombia.....	173	187	212	232	281	171	184	204	230	272
Denmark.....	222	238	238	248	260	188	203	210	214	236
Dominican Republic.....	336	370	416	429	465	322	358	390	402	419
France.....	512	596	611	656	707	470	503	539	569	646
Germany, Fed. Rep. of.....	622	749	863	963	1,053	649	728	824	897	1,003
Greece.....	121	161	198	220	231	123	167	185	198	220
Ireland.....	220	237	251	244	263	163	175	195	200	236
Italy.....	431	440	471	530	572	409	404	448	486	517
Jamaica.....	457	388	327	427	492	416	346	297	370	432
Japan.....	1,095	1,172	1,213	1,308	1,579	1,183	1,178	1,204	1,272	1,534
Mexico.....	1,626	1,661	1,647	2,118	2,620	1,524	1,655	1,570	2,062	2,537
Netherlands Antilles.....	213	273	269	307	353	184	237	230	256	302
Netherlands.....	312	314	322	371	460	304	289	314	338	422
Spain.....	306	261	299	335	333	260	231	259	295	292
Switzerland.....	236	308	345	339	321	224	282	323	311	305
United Kingdom.....	1,549	1,851	2,102	2,596	2,692	1,446	1,722	1,984	2,478	2,609
Venezuela.....	205	225	282	355	431	198	234	281	356	424
Other.....	2,643	2,913	3,208	3,641	4,367	2,536	2,812	3,034	3,381	4,097

<sup>1</sup> Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics*, annual.



Figure 9.1



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 472.



## 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 *Treasury 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 Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 256).

**Budget concept.**—Under the unified budget concept, 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, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Trust fund balances include both open-book balances with Treasury and investments in U.S. securities. Part of the balance 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. 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 1980, these activities (i.e., off-budget Federal entities) are estimated to equal 2.9 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1981 *Budget* for the years 1940 to 1983; more detailed tables generally show data since 1971.

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 (i.e., outlays are recorded at the time the checks to pay bills are issued).

**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 present debt series, 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 such as taxes, customs duties, and miscellaneous receipts, which are collected by government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the *Annual Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*. These deposits in, and payments from, accounts maintained by government agencies are on the same basis as the unified budget.

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.

**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, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, 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 433). 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.

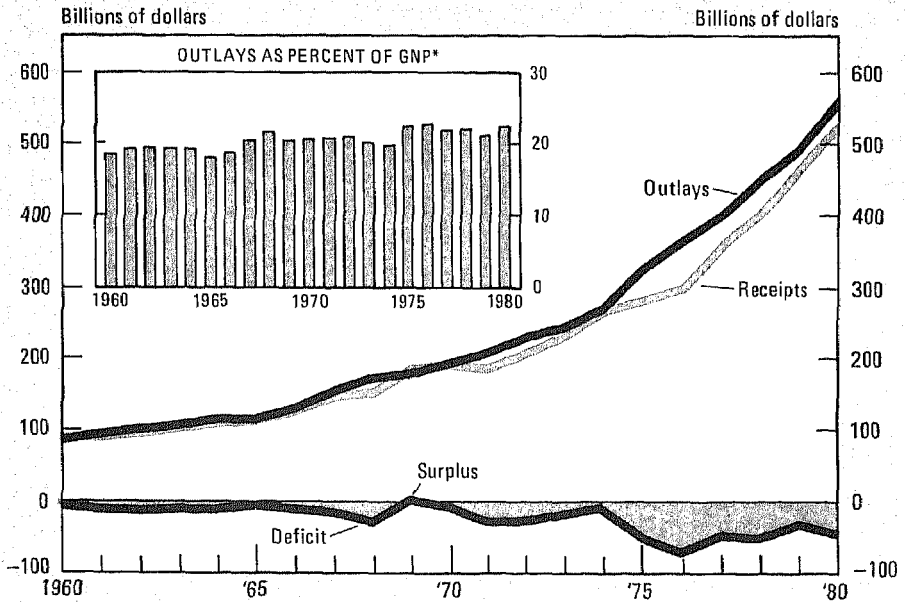
**Employment and payroll.**—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian 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. Through January 1979, 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 Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Work Force 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. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment*.

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

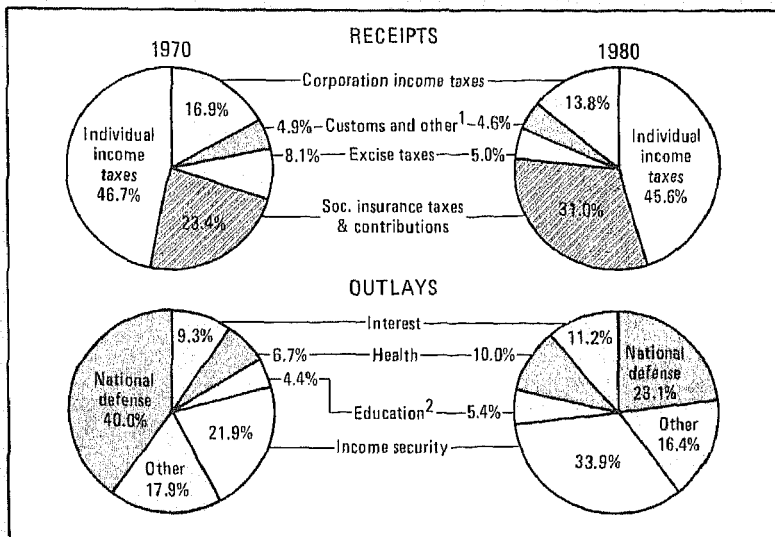
Figure 9.2

**Federal Budget Receipts and Outlays: 1960 to 1980**

\* Gross National Product.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 430.

Figure 9.3

**Federal Budget - Percent Distribution by Function: 1970 and 1980**

<sup>1</sup> Other includes gift taxes and other receipts. <sup>2</sup> Includes training, employment, and social services.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 434 and 436.

## NO. 430. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1940 TO 1980

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

YEAR	Receipts	Outlays	Surplus or deficit (—)	Out-standing gross debt <sup>1</sup>	ANNUAL PERCENT CHANGE <sup>2</sup>			PERCENT OF GNP <sup>3</sup>		Outlays, off-budget Federal entities <sup>4</sup>
					Receipts	Outlays	Out-standing gross debt	Outlays	Out-standing gross debt	
1940.....	6.4	9.5	—3.1	50.7	<sup>5</sup> 27.8	<sup>5</sup> 7.0	<sup>5</sup> 5.1	10.0	53.4	(x)
1945.....	45.2	92.7	—47.5	260.1	48.0	60.0	39.0	42.7	119.5	(x)
1950.....	39.5	42.6	—3.1	256.9	—2.7	—14.4	—3	16.1	51.1	(x)
1955.....	65.5	68.5	—3.0	274.4	10.6	10.0	1.3	18.0	72.2	(x)
1960.....	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.5	(x)
1961.....	94.4	97.8	—3.4	292.9	2.1	6.0	.7	19.2	57.6	(x)
1962.....	99.7	106.8	—7.1	303.3	5.6	9.2	3.6	19.5	55.5	(x)
1963.....	106.6	111.3	—4.8	310.8	6.9	4.2	2.5	19.3	53.9	(x)
1964.....	112.7	118.6	—5.9	316.8	5.7	6.5	1.9	19.2	51.4	(x)
1965.....	116.8	119.4	—1.6	323.2	3.7	—1	2.0	18.0	49.2	(x)
1966.....	130.9	134.7	—3.8	329.5	12.0	13.7	1.9	18.7	45.7	(x)
1967.....	149.6	158.3	—8.7	341.3	14.3	17.5	3.6	20.4	44.1	(x)
1968.....	153.7	178.8	—25.2	369.8	2.8	13.0	8.4	21.5	44.6	(x)
1969.....	187.8	184.5	3.2	367.1	22.0	3.2	—7	20.4	40.6	(x)
1970.....	193.7	196.6	—2.8	382.6	3.2	6.5	4.2	20.5	39.9	(x)
1971.....	188.4	211.4	—23.0	409.5	—2.8	7.5	7.0	20.7	40.2	(x)
1972.....	208.6	232.0	—23.4	437.3	10.8	9.7	6.8	20.9	39.4	(x)
1973.....	232.2	247.1	—14.8	468.4	11.3	6.5	7.1	20.0	37.9	.1
1974.....	264.9	269.6	—4.7	486.2	14.1	9.1	3.8	19.8	35.8	1.4
1975.....	281.0	326.2	—45.1	544.1	6.1	21.0	11.9	22.4	37.3	8.1
1976.....	300.0	366.4	—66.4	631.9	6.8	12.4	16.1	22.6	39.0	7.3
1976, TQ <sup>5</sup> .....	81.7	94.7	—13.0	646.4	(x)	(x)	(x)	(x)	(x)	1.8
1977.....	357.8	402.7	—45.0	709.1	19.3	9.9	12.2	21.8	38.5	6.7
1978.....	402.0	450.8	—48.8	780.4	12.4	11.9	10.1	21.9	37.9	10.3
1979.....	465.9	493.7	—27.7	833.8	15.9	8.5	6.8	21.3	36.0	12.4
1980, est.....	523.8	563.6	—39.8	892.8	12.4	14.2	7.1	22.4	35.5	16.8

X Not applicable. <sup>1</sup> End of fiscal year. <sup>2</sup> For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> Gross national product as of fiscal year, for calendar year GNP, see table 724. <sup>4</sup> Federal Government allocations other than those reflected in budget outlays; see source for explanation. <sup>5</sup> Change from 1939; from previous year shown for all other years. <sup>6</sup> Transition quarter, July-Sept.

## NO. 431. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1960 TO 1980

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Beginning 1973, 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	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Receipts.....</b>	<b>92.5</b>	<b>116.8</b>	<b>193.7</b>	<b>232.2</b>	<b>264.9</b>	<b>281.0</b>	<b>300.0</b>	<b>357.8</b>	<b>402.0</b>	<b>465.9</b>	<b>523.8</b>
Federal funds.....	75.6	90.9	143.2	161.4	181.2	187.5	201.1	241.3	270.5	316.4	347.8
Trust funds.....	19.2	29.2	59.4	92.2	104.8	118.6	133.7	152.8	168.0	169.6	222.2
Interfund transactions.....	—2.4	—3.3	—8.8	—21.3	—21.1	—25.1	—34.8	—36.3	—36.5	—40.1	—46.2
<b>Outlays.....</b>	<b>92.2</b>	<b>118.4</b>	<b>196.6</b>	<b>247.1</b>	<b>269.6</b>	<b>326.2</b>	<b>366.4</b>	<b>402.7</b>	<b>450.8</b>	<b>493.7</b>	<b>563.6</b>
Federal funds.....	74.9	94.8	156.3	187.0	199.9	240.0	269.9	295.8	332.0	362.4	405.7
Trust funds.....	19.7	27.0	49.1	81.4	90.8	111.2	131.3	143.3	155.3	171.3	204.1
Interfund transactions.....	—2.4	—3.3	—8.8	—21.3	—21.1	—25.1	—34.8	—36.3	—36.5	—40.1	—46.2
<b>Surplus or deficit (—).....</b>	<b>.3</b>	<b>—1.6</b>	<b>—2.8</b>	<b>—14.8</b>	<b>—4.7</b>	<b>—45.1</b>	<b>—66.4</b>	<b>—45.0</b>	<b>—48.8</b>	<b>—27.7</b>	<b>—39.8</b>
Federal funds.....	.8	—3.9	—13.1	—25.6	—18.7	—52.5	—68.8	—54.5	—61.5	—46.1	—57.8
Trust funds.....	—5	2.3	10.3	10.7	14.0	7.4	2.4	9.5	12.7	18.3	19.1
<b>Outstanding debt <sup>1</sup>.....</b>	<b>290.9</b>	<b>323.2</b>	<b>382.6</b>	<b>468.4</b>	<b>486.2</b>	<b>544.1</b>	<b>631.9</b>	<b>709.1</b>	<b>780.4</b>	<b>833.8</b>	<b>892.8</b>
Gross Federal debt held by:											
Government agencies.....	53.7	61.5	97.7	125.4	140.2	147.2	151.6	157.3	169.5	189.2	203.9
The public.....	237.2	261.6	284.9	343.0	346.0	396.9	480.3	551.8	610.9	644.6	688.9
Federal Reserve System.....	26.5	39.1	57.7	75.2	80.6	85.0	94.7	105.0	115.5	115.6	(NA)
Others.....	210.7	222.5	227.2	267.9	265.4	311.9	385.6	446.8	495.5	529.0	(NA)
<b>Outlays as percent of GNP <sup>2</sup>.....</b>	<b>18.5</b>	<b>18.0</b>	<b>20.5</b>	<b>20.0</b>	<b>19.8</b>	<b>22.4</b>	<b>22.6</b>	<b>21.8</b>	<b>21.9</b>	<b>21.3</b>	<b>22.4</b>
National defense.....	9.3	7.6	8.3	6.1	5.8	5.9	5.5	5.3	5.1	5.1	5.2
Human resources <sup>3</sup> .....	5.1	5.4	7.6	9.3	9.7	11.7	12.2	11.8	11.5	11.2	11.9
All other.....	4.2	5.1	4.6	4.5	4.3	4.9	4.9	4.9	5.5	5.0	5.3

NA Not available. <sup>1</sup> End of fiscal year. <sup>2</sup> See footnote 3, table 430.

<sup>3</sup> Education, training, employment, social services, health, income security, and veterans benefits and services.

Source of tables 430 and 431: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

### No. 432. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[For years ending June 30 except, 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 <sup>4</sup>
	Total	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.	
CURRENT DOLLARS												
1960.....	92.2	45.2	47.1	23.6	6.9	7.0	49.0	51.1	25.6	7.5	7.6	5.1
1965.....	118.4	47.5	71.0	32.3	8.6	10.9	40.1	60.0	27.3	7.3	9.2	5.1
1970.....	196.6	78.6	118.0	63.2	14.4	24.0	40.0	60.0	32.1	7.3	12.2	10.7
1971.....	211.4	75.8	135.6	78.7	14.8	28.1	35.9	64.1	37.2	7.0	13.3	7.5
1972.....	232.0	76.6	155.5	90.8	15.5	34.4	33.0	67.0	39.1	6.7	14.8	9.7
1973.....	247.1	74.5	172.5	102.1	17.3	41.8	30.2	69.8	41.3	7.0	16.9	6.5
1974.....	269.6	77.8	191.8	117.5	21.4	43.4	28.9	71.1	43.6	7.9	16.1	9.1
1975.....	326.2	85.6	240.6	150.4	23.2	49.8	26.2	73.8	46.1	7.1	15.3	21.0
1976.....	366.4	89.4	277.0	176.6	26.7	59.1	24.4	75.6	48.2	7.3	16.1	12.3
1976, TQ <sup>6</sup> .....	94.7	22.3	72.4	44.9	6.9	15.9	23.5	76.5	47.4	7.3	16.8	(x)
1977.....	402.7	97.5	305.2	192.4	29.9	68.4	24.2	75.8	47.8	7.4	17.0	9.9
1978.....	450.8	105.2	345.6	206.5	35.4	77.9	23.3	76.7	45.8	7.9	17.3	11.9
1979.....	493.7	117.7	376.0	227.5	42.6	82.9	23.8	76.2	46.1	8.6	16.8	9.5
1980, est.....	563.7	130.4	433.2	226.9	51.8	88.9	23.1	76.8	47.3	9.2	15.8	14.2
CONSTANT (1972) DOLLARS												
1960.....	150.6	73.8	76.8	33.1	16.3	11.4	49.0	51.0	22.0	10.8	7.6	<sup>5</sup> -2.0
1965.....	173.0	69.3	103.7	42.5	16.7	15.7	40.1	60.0	25.6	9.7	9.1	2.8
1970.....	220.6	90.3	130.3	68.8	15.0	27.0	40.9	59.1	31.2	6.8	12.2	5.0
1971.....	222.9	81.2	141.7	81.5	15.2	29.5	36.4	63.6	36.6	6.8	13.2	1.0
1972.....	232.0	76.6	155.5	90.8	15.5	34.4	33.0	67.0	39.1	6.7	14.8	4.1
1973.....	233.3	70.0	163.3	98.1	15.4	39.6	30.0	70.0	42.0	6.6	17.0	.6
1974.....	232.0	67.9	164.0	103.7	14.3	37.8	29.3	70.7	44.7	6.2	16.3	-1.6
1975.....	253.6	67.2	186.4	119.5	14.6	39.1	26.5	73.5	47.1	5.8	15.4	9.3
1976.....	266.6	65.6	201.0	131.0	16.4	43.1	24.6	75.4	49.1	6.2	16.2	5.1
1976, TQ <sup>6</sup> .....	66.8	15.9	50.9	32.3	4.1	11.2	23.8	76.2	48.4	6.1	16.8	(x)
1977.....	272.2	66.5	205.7	132.7	17.4	45.9	24.4	75.6	48.8	6.4	16.9	2.1
1978.....	282.0	66.6	215.4	133.1	17.8	48.5	23.6	76.4	47.2	6.3	17.2	3.6
1979.....	280.0	69.3	210.7	132.8	17.0	47.2	24.8	75.3	47.4	6.1	16.8	-1.2
1980, est.....	286.3	70.7	215.6	138.6	16.3	45.8	24.7	75.3	48.4	5.7	16.0	2.3

x Not applicable. <sup>1</sup> Includes other items, not shown separately. <sup>2</sup> Includes small grants-in-aid to State and local governments. <sup>3</sup> Total interest less interest received by trust funds. <sup>4</sup> See footnote 2, table 430. <sup>5</sup> Percent change from 1959; from previous year shown for all other years. <sup>6</sup> Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget. 1960-1977 in *The Budget of the United States Government*, annual; 1978-1980 in unpublished document, "Federal Government Finances, January 1980 edition."

### No. 433. FEDERAL RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1960 TO 1980

[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	1974	1975	1976	1977	1978	1979	1980, est.
<b>Receipts, total.....</b>	<b>94.8</b>	<b>120.0</b>	<b>194.9</b>	<b>271.8</b>	<b>283.5</b>	<b>313.9</b>	<b>366.0</b>	<b>414.7</b>	<b>483.7</b>	<b>530.6</b>
Personal tax and nontax receipts.....	42.5	51.4	93.6	122.6	127.1	137.0	166.0	185.3	223.5	245.1
Corporate profits tax accruals.....	22.3	27.1	33.0	43.7	42.1	51.7	59.1	67.7	78.4	76.5
Indirect business tax and nontax accruals.....	13.2	16.9	19.2	21.4	22.2	24.3	24.5	27.2	29.4	38.5
Contributions for social insurance.....	16.7	24.5	49.2	84.2	92.1	100.9	116.4	133.5	152.4	170.5
<b>Expenditures, total<sup>1</sup>.....</b>	<b>91.3</b>	<b>118.5</b>	<b>195.6</b>	<b>278.8</b>	<b>328.7</b>	<b>371.1</b>	<b>411.4</b>	<b>450.1</b>	<b>493.6</b>	<b>564.2</b>
Purchases of goods and services.....	52.9	64.6	97.0	104.6	118.0	125.7	140.3	150.7	162.4	185.6
National defense.....	44.5	47.9	75.3	74.1	80.3	85.3	91.9	97.8	105.9	118.7
Nondefense.....	8.4	16.8	21.7	30.5	37.6	40.4	48.4	52.9	56.5	66.9
Transfer payments.....	22.5	30.6	57.0	104.7	134.3	156.5	169.6	182.0	201.7	235.1
Domestic (to persons).....	20.6	28.4	55.0	101.7	131.2	153.5	165.4	178.5	197.7	230.9
Foreign.....	1.8	2.2	2.0	3.0	3.1	3.0	3.2	3.5	4.0	4.2
Grants-in-aid: State, local govt.....	6.9	10.9	22.6	41.6	48.4	57.6	66.3	74.7	79.3	84.3
Net interest paid.....	6.8	8.2	13.6	19.8	21.9	25.2	28.4	33.1	40.4	49.2
Subsidies less current surplus of government enterprises.....	2.4	4.3	5.4	8.0	5.7	6.2	6.9	9.6	9.8	10.0
<b>Surplus (+) or deficit (-).....</b>	<b>+3.5</b>	<b>+1.5</b>	<b>-6</b>	<b>-7.0</b>	<b>-45.3</b>	<b>-57.3</b>	<b>-45.5</b>	<b>-35.4</b>	<b>-9.9</b>	<b>-33.6</b>

<sup>1</sup> For some years, includes wage disbursements less accruals, not shown separately.

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

## No. 434. FEDERAL BUDGET RECEIPTS, BY MAJOR SOURCE: 1960 TO 1980

[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 see table 438. See also *Historical Statistics, Colonial Times to 1970*, series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total receipts, by source.....</b>	<b>92.5</b>	<b>116.8</b>	<b>193.7</b>	<b>232.2</b>	<b>264.9</b>	<b>281.0</b>	<b>300.0</b>	<b>357.8</b>	<b>402.0</b>	<b>465.9</b>	<b>523.8</b>
Individual income taxes.....	40.7	48.8	90.4	103.2	119.0	122.4	131.6	157.6	181.0	217.8	238.7
Social insurance taxes and contributions.....	14.7	22.3	45.3	64.5	76.8	86.4	92.7	108.7	123.4	141.6	162.2
Employment taxes and contributions.....	11.2	17.4	39.1	54.9	65.9	75.2	79.9	92.2	103.9	120.1	138.6
Unemployment insurance.....	2.7	3.8	3.5	6.1	6.8	6.8	8.1	11.3	13.8	15.4	16.8
Other contributions.....	.8	1.1	2.7	3.6	4.1	4.5	4.8	5.2	5.7	6.1	6.7
Corporation income taxes.....	21.5	25.5	32.8	36.2	38.6	40.6	41.4	54.9	60.0	65.7	72.3
Excise taxes.....	11.6	14.6	15.8	16.3	16.8	16.5	17.0	17.5	18.4	18.7	26.3
Estate and gift taxes.....	1.6	2.7	3.6	4.9	5.0	4.6	5.2	7.3	5.3	5.4	5.8
Customs duties.....	1.1	1.4	2.4	3.2	3.3	3.7	4.1	5.2	6.6	7.4	7.6
Miscellaneous receipts.....	1.2	1.6	3.4	3.9	5.4	6.7	8.0	6.5	7.4	9.2	10.9
<b>PERCENT DISTRIBUTION</b>											
Individual income taxes.....	44.0	41.8	46.7	44.4	44.9	43.6	43.9	44.0	45.0	46.7	45.6
Social insurance taxes and contributions.....	15.9	19.1	23.4	27.8	28.9	30.7	31.0	30.4	30.7	30.4	31.0
Employment taxes and contributions.....	12.1	14.9	20.1	23.6	24.9	26.3	26.6	25.8	25.8	25.8	26.5
Corporation income taxes.....	23.2	21.6	16.9	15.6	14.6	14.5	13.8	15.5	14.9	14.1	13.8
Excise taxes.....	12.6	12.5	8.1	7.0	6.4	5.9	5.7	4.9	4.6	4.0	5.0
Customs, estate, gift taxes.....	2.9	3.6	3.1	3.5	3.2	2.9	3.1	3.5	3.0	2.7	2.6
Miscellaneous receipts.....	1.3	1.4	1.8	1.7	2.0	2.4	2.7	1.8	1.8	2.0	2.1

## No. 435. EXECUTIVE/LEGISLATIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1980

[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	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total outlays.....</b>	<b>196.6</b>	<b>232.0</b>	<b>247.1</b>	<b>269.6</b>	<b>326.1</b>	<b>366.4</b>	<b>402.7</b>	<b>450.8</b>	<b>493.7</b>	<b>563.6</b>
<b>Relatively uncontrollable outlays.....</b>	<b>125.8</b>	<b>153.5</b>	<b>173.1</b>	<b>194.6</b>	<b>237.8</b>	<b>267.8</b>	<b>294.4</b>	<b>333.9</b>	<b>366.1</b>	<b>428.7</b>
Percent of total outlays.....	64.0	66.2	70.0	72.2	72.9	73.1	73.1	74.1	74.2	76.2
Open-ended programs and fixed costs.....	84.3	114.3	133.4	150.8	186.9	216.9	239.1	261.6	286.1	334.2
Payments for individuals.....	62.5	88.7	99.8	115.7	149.2	174.9	190.7	204.2	224.9	261.9
Social security and railroad retirement.....	31.2	41.4	50.6	57.5	68.3	76.0	87.5	96.1	106.7	122.5
Federal employees' retirement and insurance <sup>1</sup> .....	8.8	11.4	13.0	15.0	18.4	21.2	24.0	26.7	30.0	34.6
Military retired pay.....	2.8	3.9	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9
Other <sup>1</sup> .....	5.9	7.5	8.6	9.9	12.1	13.9	15.8	17.5	19.7	22.6
Unemployment assistance.....	3.4	7.1	5.4	6.1	13.5	19.5	15.3	11.8	10.7	15.5
Medical care.....	9.9	13.4	14.1	17.2	21.6	26.3	31.4	35.9	41.6	47.7
Assistance to students <sup>1</sup> .....	1.0	2.0	2.8	3.2	4.6	5.5	3.7	3.4	2.8	2.3
Housing assistance.....	.5	1.1	1.6	1.8	2.1	2.5	2.9	3.6	4.2	5.1
Food and nutrition assistance.....	.6	1.9	2.2	2.8	6.2	7.5	8.2	8.2	9.8	12.1
Public assistance and related programs <sup>1</sup> .....	6.4	9.1	8.5	10.2	12.6	14.6	15.7	16.6	16.4	18.9
All other relatively uncontrollable payments for individuals <sup>1</sup> .....	.9	1.3	1.6	1.8	2.0	1.9	2.0	2.0	2.7	3.1
Net interest.....	14.4	15.5	17.3	21.4	23.2	26.7	29.9	35.4	42.6	51.8
General revenue sharing.....	(x)	(x)	6.6	6.1	6.1	6.2	6.8	6.8	6.8	6.9
Farm price supports <sup>2</sup> .....	3.8	4.0	3.6	1.0	.6	.6	3.5	5.5	3.7	3.1
Other.....	3.6	6.1	6.1	6.6	7.8	8.4	8.3	9.6	8.0	10.6
Prior-year contracts and obligations <sup>3</sup> .....	41.5	39.2	39.6	43.8	50.7	50.9	55.3	72.3	80.0	94.5
National defense.....	24.1	19.4	17.7	20.4	22.3	17.9	18.5	28.2	30.9	36.9
Civilian programs.....	17.4	19.9	21.9	23.4	28.4	33.0	36.8	44.1	49.1	57.6
<b>Relatively controllable outlays.....</b>	<b>73.3</b>	<b>81.3</b>	<b>76.9</b>	<b>78.4</b>	<b>92.6</b>	<b>102.8</b>	<b>112.9</b>	<b>121.9</b>	<b>132.8</b>	<b>140.8</b>
National defense.....	51.6	53.2	52.5	52.2	57.0	64.2	70.8	67.8	76.4	81.4
Civilian programs.....	21.7	28.0	24.5	26.2	35.6	38.7	42.1	54.1	56.5	59.4
Undistributed employer share, employee retirement.....	-2.4	-2.8	-2.9	-3.3	-4.0	-4.2	-4.5	-5.0	-5.3	-5.9

X Not applicable. <sup>1</sup> Includes items previously classified in the veterans' benefits grouping. <sup>2</sup> Prices from Commodity Credit Corp. <sup>3</sup> Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source of tables 434 and 435: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

## NO. 436. FEDERAL BUDGET OUTLAYS, BY FUNCTION: 1960 TO 1980

[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 438 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

FUNCTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total budget outlays</b> .....	<b>92.2</b>	<b>118.4</b>	<b>196.6</b>	<b>247.1</b>	<b>269.6</b>	<b>326.2</b>	<b>366.4</b>	<b>402.7</b>	<b>450.8</b>	<b>493.7</b>	<b>563.6</b>
<b>National defense</b> .....	<b>45.2</b>	<b>47.5</b>	<b>78.6</b>	<b>74.5</b>	<b>77.8</b>	<b>85.4</b>	<b>89.4</b>	<b>97.5</b>	<b>105.2</b>	<b>117.7</b>	<b>130.4</b>
<b>Human resources</b> .....	<b>25.5</b>	<b>35.4</b>	<b>73.4</b>	<b>116.5</b>	<b>132.2</b>	<b>168.7</b>	<b>198.0</b>	<b>215.7</b>	<b>235.4</b>	<b>259.4</b>	<b>298.9</b>
Income security.....	18.8	25.7	48.1	73.0	84.4	108.6	127.4	137.9	146.2	160.2	180.9
Health.....	.8	1.8	13.1	18.8	22.1	27.6	33.4	38.8	43.7	49.6	56.6
Veterans benefits and services.....	5.4	5.7	8.7	12.0	13.4	16.6	18.4	18.0	19.0	19.9	20.8
Education, training, employment <sup>1</sup> .....	1.0	2.1	8.6	12.7	12.3	15.9	18.7	21.0	26.5	29.7	30.7
<b>Other nondefense</b> .....	<b>21.4</b>	<b>35.5</b>	<b>44.7</b>	<b>58.2</b>	<b>59.5</b>	<b>71.9</b>	<b>79.0</b>	<b>89.5</b>	<b>110.2</b>	<b>116.8</b>	<b>134.4</b>
Commerce and housing credit.....	1.6	1.2	2.1	.9	3.9	5.6	3.8	(2)	5.3	2.6	5.5
Transportation.....	4.1	5.8	7.0	9.1	9.2	10.4	13.4	14.6	15.4	17.5	19.6
Natural resources and environment.....	1.6	2.5	3.1	4.7	5.7	7.3	8.1	10.0	10.9	12.1	12.8
Energy.....	.5	.7	1.0	1.2	.8	2.2	3.1	4.2	5.9	6.9	7.8
Community, regional development.....	.2	1.1	2.4	4.6	4.1	3.7	4.8	6.3	11.0	9.5	8.5
Agriculture.....	2.6	3.9	5.2	4.9	2.2	1.7	2.5	5.5	7.7	6.2	4.6
Interest.....	8.3	10.4	18.3	22.8	28.0	30.9	34.5	38.0	44.0	52.6	63.3
Revenue sharing <sup>2</sup> .....	.2	.2	.5	7.4	6.9	7.2	7.2	9.5	9.6	8.4	8.7
International affairs.....	3.0	5.2	4.3	4.1	5.7	6.9	5.6	4.8	5.9	6.1	10.4
General science, space, technology.....	.6	5.8	4.5	4.0	4.0	4.0	4.4	4.7	4.7	5.0	5.9
General government.....	1.0	1.4	1.9	2.6	3.2	3.1	2.9	3.4	3.7	4.2	4.9
Administration of justice.....	.4	.5	1.0	2.1	2.5	2.9	3.3	3.6	3.8	4.2	4.5
Undistributed offsetting receipts.....	-2.5	-3.2	-6.6	-12.3	-16.7	-14.1	-14.7	-15.1	-15.8	-18.5	-22.3
<b>PERCENT DISTRIBUTION</b>											
<b>Total outlays</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
National defense.....	49.0	40.1	40.0	30.1	28.9	26.2	24.4	24.2	23.3	23.8	23.1
Income security.....	19.8	21.7	21.9	29.5	31.3	33.3	34.8	34.2	32.4	32.4	33.9
Health.....	.9	1.5	6.7	7.6	8.2	8.5	9.1	9.6	9.7	10.0	10.0
Veterans benefits and services.....	5.9	4.8	4.4	4.9	5.0	5.1	5.0	4.5	4.2	4.0	3.7
Education, training, employment <sup>1</sup> .....	1.1	1.8	4.4	5.1	4.6	4.9	5.1	5.2	5.9	6.0	5.4
Commerce and housing credit.....	1.7	1.0	1.1	.4	1.4	1.7	1.0	(2)	.7	.5	1.0
Transportation.....	4.4	4.9	3.6	3.7	3.4	3.2	3.7	3.6	3.4	3.5	3.5
Natural resources and environment.....	1.7	2.1	1.6	1.9	2.1	2.2	2.2	2.5	2.4	2.4	2.3
Energy.....	.5	.6	.5	.5	.3	.7	.8	1.0	1.3	1.4	1.4
Community and regional development.....	.2	.9	1.2	1.9	1.5	1.1	1.3	1.6	2.4	1.9	1.5
Agriculture.....	2.8	3.3	2.6	2.0	.9	.5	.7	1.4	1.7	1.3	.8
Interest.....	9.0	8.8	9.3	9.2	10.4	9.5	9.4	9.4	9.5	10.7	11.2
Revenue sharing <sup>2</sup> .....	.2	.2	.3	3.0	2.6	2.2	2.0	2.4	2.1	1.7	1.5
International affairs.....	3.3	4.4	2.2	1.7	2.1	2.1	1.5	1.2	1.3	1.2	1.8
General science, space, technology.....	.7	4.9	2.3	1.6	1.5	1.2	1.2	1.2	1.0	1.0	1.0
General government.....	1.1	1.3	1.0	1.1	1.2	1.0	.8	.8	.8	.9	.9
Administration of justice.....	.4	.4	.5	.8	.9	.9	.9	.9	.8	.9	.8
Undistributed offsetting receipts.....	-2.7	-2.7	-3.4	-5.0	-6.2	-4.3	-4.0	-3.7	-3.5	-3.7	-4.0

Z Less than \$50 million or .05 percent. <sup>1</sup> Includes social services. <sup>2</sup> Includes general purpose fiscal assistance.

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

NO. 437. GOVERNMENT SECTOR RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME  
ACCOUNTS: 1960 TO 1980

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total government:</b> <sup>1</sup>											
Receipts.....	139.5	186.3	302.6	411.2	455.1	468.5	538.3	606.6	685.7	772.1	(NA)
Expenditures.....	136.4	187.8	311.9	404.9	458.2	532.8	574.0	626.1	686.0	758.6	(NA)
Surplus or deficit.....	3.1	.5	-9.4	6.3	-3.2	-64.4	-35.7	-19.5	-3	13.5	(NA)
<b>Federal Government:</b> <sup>1</sup>											
Receipts.....	96.1	124.3	192.1	258.3	288.6	286.2	331.4	375.4	432.1	497.9	544.8
Expenditures.....	93.1	123.8	204.2	265.0	299.3	356.8	385.0	421.7	459.8	509.0	581.9
Surplus or deficit.....	3.0	.5	-12.1	-6.7	-10.7	-70.6	-53.6	-46.3	-27.7	-11.2	-37.2
<b>State and local govt:</b> <sup>1 2</sup>											
Receipts.....	49.9	75.1	134.9	193.5	210.4	236.9	268.0	298.8	331.0	354.6	(NA)
Expenditures.....	49.8	75.1	132.2	180.5	202.8	230.6	250.1	271.9	303.6	330.0	(NA)
Surplus or deficit.....	.1	(-Z)	2.8	13.0	7.6	6.2	17.9	26.8	27.4	24.7	(NA)

NA Not available. Z Less than \$50 million. <sup>1</sup> 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.

<sup>2</sup> See table 493 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 issues, and March 1980 issue.



**NO. 438. FEDERAL BUDGET—RECEIPTS, BY SOURCE, AND OUTLAYS, BY DETAILED FUNCTION:  
1977 TO 1980**

(In billions of dollars. For years ending Sept. 30. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 255). 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	1977	1978	1979	1980, est.	FUNCTION	1977	1978	1979	1980, est.
<b>Surplus or deficit (—)</b> .....	<b>—45.0</b>	<b>—48.8</b>	<b>—27.7</b>	<b>—39.8</b>	<b>Total outlays <sup>1</sup>—Con.</b>				
<b>BY SOURCE</b>					<b>Natural resources and environment <sup>1</sup></b>				
<b>Total receipts <sup>1</sup></b> .....	<b>357.8</b>	<b>402.0</b>	<b>465.9</b>	<b>523.8</b>	Water resources.....	10.0	10.9	12.1	12.8
Individual income taxes.....	157.6	181.0	217.8	238.7	Conservation and land management.....	3.2	3.5	3.9	4.2
Corporation income taxes.....	54.9	60.0	65.7	72.3	Recreational resources.....	1.3	2.0	1.9	2.3
Social insurance taxes and contributions.....	108.7	123.4	141.6	162.2	Pollution control and abatement.....	1.0	1.4	1.5	1.5
Employment taxes and contributions.....	92.2	103.9	120.1	138.6	<b>Energy <sup>1</sup></b> .....	4.3	4.0	4.7	4.9
Unemployment insurance.....	11.3	13.8	15.4	16.8	Supply.....	4.2	5.9	6.9	7.8
Contributions for other insur. and retirement.....	5.2	5.7	6.1	6.7	Conservation.....	3.3	4.0	4.9	5.5
Excise taxes.....	17.5	18.4	18.7	26.3	Emergency preparedness.....	.1	.2	.3	.6
Estate and gift taxes.....	7.3	5.3	5.4	5.8	<b>Community and regional development</b> .....	6.3	11.0	9.5	8.5
Customs duties.....	5.2	6.6	7.4	7.6	Community development.....	3.5	3.3	4.0	4.5
Miscellaneous receipts.....	6.5	7.4	9.2	10.9	Area and regional development.....	2.1	4.8	3.9	2.7
<b>BY FUNCTION</b>					Disaster relief and insurance.....	.6	2.9	1.6	1.3
<b>Total outlays <sup>1</sup></b> .....	<b>402.7</b>	<b>450.8</b>	<b>493.7</b>	<b>563.6</b>	<b>Agriculture <sup>1</sup></b> .....	5.5	7.7	8.2	4.6
<b>National defense <sup>1</sup></b> .....	<b>97.5</b>	<b>105.2</b>	<b>117.7</b>	<b>130.4</b>	Farm income stabilization.....	4.5	6.6	4.8	3.3
Dept. of Defense, military.....	95.6	103.0	115.0	127.4	Research and services.....	1.1	1.1	1.3	1.4
Atomic energy defense activities.....	1.9	2.1	2.5	3.0	<b>Interest</b> .....	38.0	44.0	52.6	63.3
Defense related activities.....	(2)	.1	.1	—(2)	<b>General revenue sharing</b> .....	6.8	6.8	6.9	6.9
<b>Income security <sup>1</sup></b> .....	<b>137.9</b>	<b>146.2</b>	<b>160.2</b>	<b>191.0</b>	<b>Other general purpose fiscal assistance</b> .....	2.7	2.8	1.5	1.8
General retirement and disability insurance.....	88.6	97.3	108.5	124.6	<b>International affairs <sup>1</sup></b> .....	4.8	5.9	6.1	10.4
Federal employee retirement and disability.....	9.5	10.7	12.4	14.6	Foreign economic and financial assistance.....	3.9	4.6	4.7	6.0
Unemployment insurance.....	15.3	11.8	10.7	15.6	Military assistance.....	.6	.5	.6	.9
Public assist. and other income supplements.....	24.5	26.5	28.6	36.1	Conduct of foreign affairs.....	1.0	1.1	1.3	1.4
<b>Health</b> .....	<b>38.8</b>	<b>43.7</b>	<b>49.6</b>	<b>56.6</b>	Foreign information and exchange.....	.4	.4	.5	.5
Health care services.....	34.5	39.1	45.1	51.6	<b>International financial programs</b> .....	—9	—6	—9	1.7
Health research.....	2.5	2.8	3.0	3.3	<b>General science, space, and technology <sup>1</sup></b> .....	4.7	4.7	5.0	5.9
Education and training of health care workforce.....	1.0	.9	.6	.7	General science and basic research <sup>2</sup> .....	1.1	1.2	1.3	1.4
Consumer and occupational health and safety.....	.7	.8	.9	1.0	Space flight.....	2.3	2.3	2.2	2.7
<b>Veterans benefits and services <sup>1</sup></b> .....	<b>18.0</b>	<b>19.0</b>	<b>20.0</b>	<b>20.8</b>	Space science, applications and technology.....	1.0	1.0	1.2	1.3
Income security.....	9.2	9.7	10.8	11.7	<b>General government <sup>1</sup></b> .....	3.3	3.7	4.2	4.9
Education, training, and rehabilitation.....	3.7	3.4	2.8	2.2	Legislative functions.....	.8	.9	.9	1.1
Hospital and medical care.....	4.7	5.3	5.6	6.4	Management, direction.....	.1	.1	.1	.1
Housing.....	—1	(2)	.2	—2	Central fiscal operations.....	1.9	2.1	2.3	2.7
<b>Educ., training, employ., and social services <sup>1</sup></b> .....	<b>21.0</b>	<b>26.5</b>	<b>29.7</b>	<b>30.7</b>	General property and records management.....	.1	.2	.2	.3
Elementary, secondary, and vocational education.....	5.1	5.7	6.7	7.3	<b>Administration of justice</b> .....	3.6	3.8	4.2	4.5
Higher education.....	3.1	3.5	4.5	5.5	Federal law enforcement.....	1.7	1.8	2.0	2.2
Research and general education aids.....	.9	1.1	1.2	1.4	Federal judicial activities.....	.8	.9	1.1	1.4
Training, employment.....	6.9	10.8	10.8	10.4	Federal correctional activities.....	.2	.3	.3	.3
Social services.....	4.6	5.0	5.9	5.5	Criminal justice assistance.....	.8	.7	.7	.6
<b>Commerce and housing credit</b> .....	<b>(2)</b>	<b>3.3</b>	<b>2.6</b>	<b>5.5</b>	<b>Undistributed offsetting receipts</b> .....	—15.1	—15.8	—18.5	—22.3
Mortgage credit and thrift insurance.....	—3.3	.2	—7	1.9	Employer share, employee retirement.....	—4.5	—5.0	—5.3	—5.9
Payment to Postal Service.....	2.3	1.8	1.8	1.7	Interest received by trust funds.....	—8.1	—8.5	—10.0	—11.5
Other commerce.....	1.1	1.3	1.5	2.1	Rents and royalties <sup>2</sup> .....	—2.4	—2.3	—3.3	—4.8
<b>Transportation <sup>1</sup></b> .....	<b>14.6</b>	<b>15.4</b>	<b>17.5</b>	<b>19.6</b>					
Ground transportation.....	10.0	10.4	12.1	13.6					
Air transportation.....	2.8	3.3	3.4	3.8					
Water transportation.....	1.7	1.9	2.0	2.2					

<sup>2</sup> Less than \$50 million. <sup>1</sup> Totals reflect interfund and intragovernmental transactions and other functions, not shown separately. <sup>2</sup> On Outer Continental Shelf.

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

## NO. 439. BUDGET RECEIPTS AND OUTLAYS, BY FUND GROUP: 1970 TO 1979

[In millions of dollars. For years ending June 30, except 1979 ending Sept. 30. See text, p. 255. Minus sign (—) denotes offsetting collections. NA=Not available]

DESCRIPTION	1970	1975	1979	DESCRIPTION	1970	1975	1979
<b>Receipts, total</b> .....	<b>193,743</b>	<b>280,997</b>	<b>465,940</b>	<b>Outlays, total</b> .....	<b>196,588</b>	<b>326,185</b>	<b>493,673</b>
Federal funds.....	143,158	187,505	316,351	Federal funds.....	156,300	240,115	362,420
Total in fund accounts.....	146,020	195,324	331,726	Total in fund accounts.....	159,164	247,935	377,795
Intrafund transactions.....	-802	-1,265	-2,385	Intrafund transactions.....	-802	-1,265	-2,385
Proprietary receipts from the public.....	-2,060	-6,050	-8,948	Proprietary receipts from the public.....	-2,060	-6,050	-8,948
Receipts from off-budget Federal entities.....	(NA)	-505	-4,042	Receipts from off-budget Fed entities.....	(NA)	-505	-4,042
Trust funds.....	59,362	118,590	189,641	Trust funds.....	49,066	111,168	171,305
Total in fund accounts.....	61,464	125,831	202,244	Total in fund accounts.....	51,167	118,410	183,909
Intrafund transactions.....	-597	-1,035	-1,490	Intrafund transactions.....	-597	-1,035	-1,490
Proprietary receipts from the public.....	-1,505	-5,240	-9,718	Proprietary receipts from the public.....	-1,505	-5,240	-9,718
Receipts from off-budget Federal entities.....	(NA)	-967	-1,395	Receipts from off-budget Fed. entities.....	(NA)	-967	-1,395
Interfund transactions.....	-8,776	-25,098	-40,052	Interfund transactions.....	-8,776	-25,098	-40,052

## NO. 440. FEDERAL TRUST FUND RECEIPTS, OUTLAYS AND BALANCES: 1970 TO 1980

[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. Balances: that portion of funds authorized for use which have not been spent. See text, p. 255 for discussion of the budget concept and trust funds]

DESCRIPTION	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total receipts</b> <sup>1</sup> .....	<b>59.4</b>	<b>92.2</b>	<b>104.8</b>	<b>118.6</b>	<b>133.7</b>	<b>152.8</b>	<b>168.0</b>	<b>189.6</b>	<b>222.2</b>
OASDI <sup>2</sup> trust funds.....	36.1	49.6	57.7	66.7	70.7	81.2	89.6	102.1	116.9
Health insurance trust funds.....	7.5	11.3	15.4	16.9	18.5	22.8	27.6	31.7	35.9
State and local fiscal assistance trust funds <sup>3</sup> .....	(X)	8.3	6.1	6.2	6.4	6.7	6.9	6.9	6.9
Unemployment insurance funds.....	4.1	6.7	7.5	8.2	16.2	15.0	15.2	15.9	17.4
R.R. employees retirement funds.....	1.7	2.3	2.6	2.8	3.3	3.6	3.9	4.2	4.4
Federal employees retirement funds.....	4.7	7.6	9.0	11.5	13.2	16.7	17.8	20.5	24.0
Airport and airway trust funds.....	(X)	.8	.9	1.1	1.1	1.4	1.5	1.8	2.1
Highway trust funds.....	5.5	5.9	6.7	6.8	6.0	7.3	7.6	8.0	8.1
Foreign military sales trust funds.....	.8	1.7	3.2	4.4	7.3	9.4	8.4	8.5	8.3
Veterans life insurance funds.....	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.1
Energy security trust fund.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	7.6
<b>Total outlays</b> <sup>4</sup> .....	<b>49.1</b>	<b>81.4</b>	<b>90.8</b>	<b>111.2</b>	<b>131.3</b>	<b>143.3</b>	<b>155.3</b>	<b>171.3</b>	<b>204.1</b>
OASDI <sup>2</sup> trust funds.....	30.3	49.1	55.9	64.7	73.9	85.1	93.9	104.1	119.4
Health insurance trust funds.....	7.1	9.5	11.3	14.8	17.8	21.5	25.2	29.1	33.5
State and local fiscal assistance trust funds <sup>3</sup> .....	(X)	6.6	6.1	6.1	6.2	6.8	6.8	6.8	6.9
Unemployment insurance funds.....	3.6	5.4	6.2	13.2	17.9	14.1	11.2	11.2	16.0
R.R. employees retirement funds.....	1.6	2.4	2.7	3.1	3.5	3.8	4.0	4.3	4.7
Federal employees retirement funds.....	2.8	4.6	5.7	7.1	8.4	9.7	11.0	12.5	14.7
Airport and airway trust funds.....	(X)	.7	.5	.6	.5	.9	1.1	1.1	1.2
Highway trust funds.....	4.4	4.8	4.6	4.8	6.5	6.1	6.1	7.2	8.1
Foreign military sales trust funds.....	1.0	1.4	2.7	3.5	6.7	8.2	8.1	7.1	9.5
Veterans life insurance funds.....	.8	.6	.7	.8	.7	.8	.7	.1	.1
Energy security trust fund.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1.9
<b>Balances</b> .....	<b>97.2</b>	<b>121.1</b>	<b>135.2</b>	<b>142.6</b>	<b>145.0</b>	<b>152.5</b>	<b>165.2</b>	<b>183.6</b>	<b>201.6</b>
OASDI <sup>2</sup> trust funds.....	37.7	44.3	46.1	48.2	44.9	39.6	35.4	33.4	30.9
Health insurance trust funds.....	2.7	5.1	9.2	11.3	12.0	13.4	15.8	18.4	20.8
State and local fiscal assistance trust funds.....	-	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
Unemployment trust fund.....	13.1	11.1	12.4	7.4	5.7	6.5	10.4	15.1	16.5
R.R. employees retirement accounts.....	4.8	4.6	4.6	4.3	4.0	3.2	3.1	3.1	2.7
Federal employees retirement funds.....	22.5	31.2	34.5	38.8	43.7	49.9	56.7	64.7	74.0
Airport and airway trust fund.....	-	1.2	1.5	2.0	2.6	3.3	3.7	4.4	5.3
Highway trust funds.....	2.6	5.6	7.7	9.6	9.1	10.2	11.7	12.6	12.6
Foreign military sales trust fund.....	.5	.7	1.2	2.1	2.7	4.6	4.9	6.3	5.1
Veterans life insurance funds.....	7.1	7.4	7.6	7.7	7.8	8.0	8.3	8.4	8.6
Other trust funds (nonrevolving).....	.6	.7	.7	.7	.8	.9	1.0	1.3	1.5
Trust revolving funds.....	5.5	7.6	8.1	8.9	9.9	11.2	12.5	14.1	16.0
Energy security trust fund.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	5.7

- Represents zero. X Not applicable. <sup>1</sup> 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. <sup>2</sup> Old-age, survivors, and disability insurance. <sup>3</sup> Deposits for general revenue sharing. <sup>4</sup> Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and trust revolving funds on net basis (outlays less receipts). <sup>5</sup> Payments for general revenue sharing.

Source of tables 439 and 440: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

## NO. 441. BUDGET OUTLAYS, BY AGENCY: 1970 TO 1980

[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	1974	1975	1976	1977	1978	1979	1980, est.
<b>Total</b> .....	<b>196,588</b>	<b>269,620</b>	<b>326,185</b>	<b>366,439</b>	<b>402,725</b>	<b>450,836</b>	<b>493,673</b>	<b>563,583</b>
Legislative branch.....	343	625	726	775	976	1,049	1,077	1,331
The Judiciary.....	128	205	284	325	392	435	480	623
Executive Office of the President.....	36	66	93	79	73	75	80	100
Funds appropriated to President.....	2,904	3,484	3,988	3,525	2,487	4,450	2,623	9,505
<b>Departments:</b>								
Agriculture.....	8,301	9,787	9,722	12,786	16,738	20,368	20,636	23,624
Commerce.....	1,079	1,455	1,583	2,020	2,606	5,239	4,072	3,581
Defense.....	78,360	79,307	87,071	90,180	97,930	105,595	117,921	130,630
Education <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10,879
Energy <sup>3</sup> .....	2,459	2,308	3,165	3,753	5,217	6,286	7,893	7,681
Health and Human Services <sup>3</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	170,303
Health, Education, and Welfare <sup>3</sup> .....	52,870	93,744	112,411	128,785	147,455	162,856	( <sup>3</sup> )	193,745
Housing and Urban Development.....	2,603	4,786	7,488	7,079	5,838	7,589	9,213	11,636
Interior.....	992	1,779	2,139	2,293	3,194	3,821	4,087	4,219
Justice.....	640	1,797	2,067	2,242	2,350	2,397	2,522	2,563
Labor.....	5,194	8,966	17,649	25,727	22,374	22,696	22,649	27,503
State.....	448	735	829	1,062	1,076	1,252	1,548	1,971
Transportation.....	6,412	8,104	9,247	11,936	12,514	13,452	15,486	17,347
Treasury.....	19,509	35,993	41,177	44,335	49,560	56,355	65,044	75,826
<b>Independent agencies:</b>								
Environmental Protection Agency.....	384	2,030	2,530	3,118	4,365	4,071	4,800	4,984
National Aero. and Space Admin.....	3,749	3,252	3,267	3,670	3,944	3,980	4,187	5,011
Office of Personnel Management <sup>4</sup> .....	2,647	5,692	7,036	8,320	9,620	10,952	12,654	14,934
Railroad Retirement Board.....	1,600	2,673	3,083	3,482	3,859	4,075	4,365	4,795
Small Business Administration.....	253	753	618	436	700	2,766	1,631	1,345
Tennessee Valley Authority.....	211	401	767	980	1,100	1,412	1,884	1,978
Veterans Administration.....	8,653	13,337	16,575	18,415	18,019	18,962	19,887	20,711
Other independent agencies.....	3,580	5,012	6,745	5,824	5,391	6,274	6,241	7,253
Undistributed offsetting receipts.....	-6,567	-16,651	-14,075	-14,704	-15,053	-15,772	-18,488	-22,258

NA Not available. <sup>1</sup> Includes allowances, not shown separately. <sup>2</sup> New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. <sup>3</sup> The Budget shows the Dept. of Education and the Dept. of Health and Human Services as if they existed since 1979. <sup>4</sup> See footnotes 6 and 11, table 472. <sup>5</sup> This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. <sup>6</sup> Civil Service Commission prior to 1979.

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

## NO. 442. FEDERAL PARTICIPATION IN DOMESTIC CREDIT MARKETS: 1965 TO 1979

[In billions of dollars, except percent. See headnote, table 441. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises. Credit programs provide credit in private capital markets to certain classes of borrowers, or on special terms and conditions, or for special activities. An element of subsidy is involved since Government assistance is given on terms or conditions more favorable than would have occurred in private capital markets]

TYPE OF PARTICIPATION	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total funds advanced in U.S. credit markets, including equities <sup>1</sup>.....</b>	<b>69.3</b>	<b>93.6</b>	<b>207.7</b>	<b>193.4</b>	<b>181.3</b>	<b>251.8</b>	<b>314.4</b>	<b>385.3</b>	<b>410.7</b>
Advanced under Federal auspices <sup>2</sup> .....	8.9	16.1	27.2	25.5	27.0	26.8	37.2	58.7	73.3
Federal participation rate (percent).....	13.0	17.2	13.1	13.2	14.9	10.6	11.8	15.2	17.8
<b>Direct loans:</b>									
On-budget.....	2.7	3.0	.3	1.9	4.3	3.3	2.5	8.4	6.0
Off-budget.....	-	-	.7	2.2	8.5	7.6	9.0	11.4	13.6
Guaranteed loans.....	4.9	8.0	17.7	10.5	8.7	11.2	14.0	13.9	26.1
Sponsored agency loans <sup>3</sup> .....	1.3	5.2	8.5	11.0	5.5	4.7	11.6	25.0	27.5
<b>Total funds raised in U.S. credit markets <sup>1</sup>.....</b>	<b>69.3</b>	<b>93.6</b>	<b>207.7</b>	<b>193.4</b>	<b>181.3</b>	<b>251.8</b>	<b>314.4</b>	<b>385.3</b>	<b>410.7</b>
Raised under Federal auspices <sup>2</sup> .....	10.2	17.9	45.5	24.2	64.8	98.2	79.5	94.2	81.2
Federal participation rate (percent).....	15.0	19.1	21.9	12.5	35.7	39.0	25.3	24.4	19.8
Federal borrowing from public.....	4.1	5.4	19.3	3.0	50.9	83.4	53.5	59.1	33.6
Guaranteed borrowing.....	4.9	8.0	17.7	10.5	8.7	11.2	14.0	13.9	26.1
Sponsored agency borrowing <sup>3</sup> .....	1.2	4.5	8.5	10.8	5.3	3.6	11.9	21.2	21.4

- Represents zero. <sup>1</sup> Nonfinancial sectors. <sup>2</sup> Estimated. <sup>3</sup> See table 888.

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

## NO. 443. FEDERAL DIRECT AND GUARANTEED LOANS: 1970 TO 1980

[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. See headnote, table 442]

LOAN STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
Direct loans: <sup>1</sup> Net loan outlays.....	3.0	2.0	2.9	1.0	4.1	12.8	10.9	11.5	19.8	19.6	22.8
Gross (new) loans disbursed.....	12.4	12.1	13.8	15.7	15.8	28.8	34.5	35.4	48.8	49.2	59.1
Direct loans outstanding.....	51.1	53.2	56.1	57.1	61.5	74.1	85.9	100.7	120.5	140.5	163.3
Guaranteed loans: <sup>2</sup> Net loans.....	8.0	16.1	19.8	17.7	10.5	8.7	11.2	14.0	13.9	26.1	33.4
Gross loans guaranteed.....	(NA)	(NA)	(NA)	(NA)	32.0	31.2	31.9	43.9	48.5	60.5	71.5
Guaranteed loans outstanding.....	126.5	141.8	161.5	179.1	189.7	198.3	210.1	224.0	237.9	264.6	298.0

NA Not available. <sup>1</sup> 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. <sup>2</sup> Excludes guaranteed loans held by both on-budget and off-budget Government accounts but includes those held by Government-sponsored enterprises. Guaranteed loans include capital subscriptions to international financial institutions. See table 888 for sponsored enterprises.

## NO. 444. FEDERAL CREDIT ACTIVITIES: 1979

[In millions of dollars. For year ending Sept. 30. See headnote, tables 442 and 443]

FUNCTION	DIRECT LENDING					LOAN GUARANTEES				
	New loan obligations	New direct loans	Repayments, loan sales, and other adjustments	Net loan outlays	Direct loans outstanding	New commitments	New loans guaranteed	Repayments and other adjustments	Terminations for default	Guaranteed loans outstanding
<b>Total, before deductions....</b>	<b>51,402</b>	<b>49,197</b>	<b>-29,581</b>	<b>19,615</b>	<b>140,516</b>	<b>147,336</b>	<b>100,888</b>	<b>-42,189</b>	<b>-1,230</b>	<b>387,172</b>
Less secondary guaranteed loans.....	-	-	-	-	-	42,360	22,816	-4,607	-	72,370
Less guaranteed loans held as direct loans.....	-	-	-	-	-	18,098	17,537	-4,392	-	50,205
<b>Total, after deductions.....</b>	<b>51,402</b>	<b>49,197</b>	<b>-29,581</b>	<b>19,615</b>	<b>140,516</b>	<b>86,878</b>	<b>60,535</b>	<b>-33,190</b>	<b>-1,230</b>	<b>284,596</b>
National defense.....	1	1	-11	-10	45	-	-	-46	-1	136
International affairs.....	5,457	4,451	-2,686	1,764	38,345	12,148	8,002	-4,596	-89	24,653
Economic support fund.....	713	1,001	-26	975	3,069	-	-	-	-	-
Foreign military sales credit.....	595	640	-677	-37	786	5,165	1,622	-328	-87	5,670
Military equipment.....	-	1	-37	-36	570	-	-	-	-	-
Development assistance.....	-	312	-	312	1,023	-	-	-	-	-
Overseas private invest. corp....	3	6	-5	1	23	53	-	-31	-1	92
Development loans—revolving funds.....	-	70	-320	-250	10,581	-	-	-	-	-
Other economic development..	-	2	-4	-1	98	145	96	-16	-	760
Food for peace.....	778	778	-168	610	6,483	-	-	-	-	-
Export-Import Bank.....	3,367	1,629	-1,321	308	11,859	5,902	5,401	-4,221	-1	6,586
Int'l financial institutions.....	-	-	-	-	-	883	883	-	-	11,545
Other.....	1	9	-129	-121	3,853	-	-	-	-	-
General science, space, technology.....	-	-	-	-	-	152	186	-	-	423
Energy programs.....	1,271	1,126	-900	227	9,348	6,017	2,651	-	-	7,549
Natural resources and environment.....	36	23	1	24	294	-	-	-	-	-
Commodity Credit Corp.....	6,104	6,104	-5,510	594	7,835	136	136	-	-	136
Agricultural Credit Insurance Fund.....	8,086	7,956	-7,250	706	2,034	5,596	5,594	-917	-	14,174
Commerce and housing <sup>1</sup> .....	24,533	23,677	-10,240	13,437	57,766	84,567	51,417	-17,790	-425	206,499
Transportation.....	875	882	-159	723	3,499	1,148	719	-412	-21	8,015
Community and regional development.....	3,294	2,841	-1,724	1,116	7,649	2,988	2,700	-948	-59	7,191
Education, training, employment, and social services.....	659	700	-150	550	8,227	3,290	3,290	-1,029	-275	10,882
Health.....	63	75	-26	49	674	33	48	-39	-3	1,487
Income security.....	278	278	-269	9	85	13,081	9,451	-8,969	-	15,050
Veterans benefits and services.....	574	894	-594	301	3,000	17,682	16,159	-7,439	-356	89,158
Administration of justice.....	26	32	-20	11	161	-	-	-	-	-
General government.....	3	15	-20	-5	122	-	35	-5	-	1,300
Gen. purpose fiscal assistance....	141	141	-22	118	1,434	500	500	-	-	520

- Represents zero. Z Less than \$500,000. <sup>1</sup> Also included are the lending activities of the off-budget Federal Financing Bank (FFB). In dollar terms, this function makes more direct loans and guarantees more loans than any other single function. The FFB is not distributed by function.

Source of tables 443 and 444: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

## NO. 445. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1977 TO 1980

[In millions of dollars. For years 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. Based on tax law enacted as of December 31; see source for further details]

BUDGET FUNCTION AND ITEM	1977		1978		1979		1980	
	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals
<b>National defense:</b>								
Exclusion of benefits and allowances to Armed Forces personnel.....	(x)	1,095	(x)	1,260	(x)	1,360	(x)	1,470
Exclusion of military disability pensions.....	(x)	105	(x)	115	(x)	115	(x)	125
<b>International affairs:</b>								
Exclusion of income earned abroad by U.S. citizens..	(x)	545	(x)	565	(x)	530	(x)	555
Deferral of income of—								
Domestic international sales (DISC) corps.....	945	(x)	1,000	(x)	1,210	(x)	1,400	(x)
Controlled foreign corporations.....	570	(x)	585	(x)	530	(x)	445	(x)
Western Hemisphere trade corp. special rate.....	35	(x)	25	(x)	15	(x)	5	(x)
<b>General science, space, and technology: Expensing of R and D expenditures.....</b>	1,395	30	1,360	25	1,490	35	1,760	35
<b>Energy:</b>								
Expensing of exploration and development costs.....	820	210	1,010	380	1,275	470	1,580	610
Excess of percentage over cost depletion.....	1,080	305	1,115	385	1,010	820	1,160	1,150
Capital gains treatment of royalties on coal.....	10	45	10	55	10	65	10	75
Residential energy credits.....	(x)	(x)	(x)	(x)	(x)	645	(x)	460
Alternative conservation and new technology credits.....	(x)	(x)	(x)	(x)	220	(z)	390	(z)
<b>Natural resources and environment:</b>								
Exclusion of interest on State and local government pollution control bonds.....	170	85	170	175	200	215	220	240
Exclusion of payments in aid of construction of water and sewage utilities.....	15	(x)	10	(x)	10	(x)	60	(x)
Pollution control facilities: 5-year amortization.....	-80	(x)	-40	(x)	-25	(x)	-10	(x)
Tax incentives for preservation of historic structures.....	(x)	(x)	(x)	(x)	5	10	10	25
Capital gains treatment of certain timber income.....	185	55	275	75	385	110	420	120
Capital gains treatment of iron ore.....	5	5	5	5	10	10	10	10
<b>Agriculture:</b>								
Expensing of certain capital outlays.....	80	375	75	445	75	445	75	430
Capital gains treatment of certain ordinary income.....	10	330	10	350	15	365	20	395
Deductibility of noncash patronage dividends and certain other items of cooperatives.....	455	-165	500	-175	505	-170	540	-175
Exclusion of certain cost-sharing payments.....	(x)	(x)	(x)	(x)	(x)	(z)	(x)	30
<b>Commerce and housing credit:</b>								
Dividend exclusion.....	(x)	450	(x)	440	(x)	460	(x)	490
Exclusion of interest on State and local industrial development bonds.....	195	95	215	220	240	255	280	305
Exemption of credit union income.....	70	(x)	80	(x)	90	(x)	100	(x)
Financial institutions: Excess bad debt reserves.....	535	(x)	775	(x)	780	(x)	855	(x)
Deductibility of—								
Mortgage interest on owner-occupied homes.....	(x)	4,490	(x)	7,595	(x)	10,745	(x)	12,505
Property tax on owner-occupied homes.....	(x)	4,205	(x)	5,495	(x)	6,760	(x)	7,740
Interest on consumer credit.....	(x)	1,785	(x)	2,350	(x)	3,085	(x)	3,595
Expensing of construction period interest and taxes..	475	150	500	140	525	90	555	140
Excess first-year depreciation.....	45	140	45	130	50	135	50	135
Depreciation on rental housing in excess of straight line.....	80	320	75	300	70	290	65	285
Depreciation on buildings (other than rental housing) in excess of straight line.....	160	140	145	130	135	120	135	120
Asset depreciation range.....	1,955	100	2,130	110	2,460	130	2,880	160
Capital gains (exc. farming, timber, iron ore, coal).....	520	6,910	525	7,125	655	10,180	715	13,855
Deferral of capital gains on home sales.....	(x)	890	(x)	955	(x)	1,125	(x)	1,010
Capital gains at death.....	(x)	7,280	(x)	8,120	(x)	4,440	(x)	4,750
Surplus exemption (through 1978).....	3,875	(x)	5,225	(x)	3,110	(x)	115	(x)
Reduced rates on first \$1,000,000 of corporate income.....	(x)	(x)	(x)	(x)	3,285	(x)	7,555	(x)
Investment credit.....	8,880	2,075	10,870	2,250	13,910	2,590	15,705	2,910
Investment credit for rehabilitation of structures.....	(x)	(x)	(x)	(x)	55	10	120	60
<b>Transportation:</b>								
Deductibility of nonbusiness State gasoline taxes.....	(x)	685	(x)	920	(x)	(x)	350	(x)
Railroad rolling stock: 5-year amortization.....	-35	(x)	-40	(x)	-40	(x)	-40	(x)
Deferral of tax on shipping companies.....	130	(x)	80	(x)	75	(x)	70	(x)
<b>Community and regional development:</b>								
Housing rehabilitation: 5-year amortization.....	10	15	10	10	5	10	5	10

See footnotes at end of table.

**NO. 445. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1977 TO 1980—**  
**Continued**

[In millions of dollars. See headnote, p. 266]

BUDGET FUNCTION AND ITEM	1977		1978		1979		1980	
	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals
<b>Educ., training, employment, and social services:</b>								
Exclusion of scholarships and fellowship income.....	(x)	245	(x)	255	(x)	310	(x)	375
Parental personal exemptions for students age 19 and over.....	(x)	750	(x)	780	(x)	935	(x)	1,030
Exclusion of employee meals and lodging <sup>1</sup> .....	(x)	280	(x)	300	(x)	325	(x)	350
Employer educational assistance.....	(x)	(x)	(x)	(x)	(x)	20	(x)	30
Exclusion of contributions to prepaid legal services plans.....	(x)	5	(x)	10	(x)	15	(x)	20
Investment credit for employee stock ownership plans (ESOP).....	245	(x)	315	(x)	650	(x)	700	(x)
Deductibility of charitable contributions to—								
Education.....	235	525	275	655	325	680	345	765
Other than education and health.....	290	3,935	345	4,905	405	5,110	430	5,725
Maximum tax on personal service income.....	(x)	555	(x)	1,090	(x)	1,215	(x)	1,265
Credit for child and dependent care expenses.....	(x)	475	(x)	550	(x)	715	(x)	820
Credit for employment of public assistance recipients under work-incentive programs.....	15	(x)	15	(z)	45	5	45	5
Jobs credit.....	565	125	1,475	985	1,135	685	305	10
<b>Health:</b>								
Exclusion of employer contributions to medical insurance premiums and medical care.....	(x)	5,560	(x)	7,105	(x)	11,080	(x)	12,965
Deductibility of medical expenses.....	(x)	2,230	(x)	2,765	(x)	3,215	(x)	3,585
Deductibility of charitable contributions (health).....	145	790	170	980	200	1,020	210	1,145
<b>Income security:</b>								
Exclusion of social security benefits for—								
Disability insurance.....	(x)	470	(x)	515	(x)	590	(x)	685
OASI benefits for retired workers.....	(x)	3,790	(x)	4,635	(x)	5,465	(x)	6,880
Dependents and survivors.....	(x)	860	(x)	730	(x)	845	(x)	990
Exclusion of benefits from or for—								
Railroad retirement system benefits.....	(x)	250	(x)	275	(x)	285	(x)	330
Workmen's compensation.....	(x)	720	(x)	835	(x)	980	(x)	1,185
Disabled coal miners.....	(x)	50	(x)	50	(x)	50	(x)	50
Unemployment insurance.....	(x)	1,500	(x)	2,090	(x)	1,885	(x)	2,495
Public assistance.....	(x)	330	(x)	350	(x)	345	(x)	395
Sick pay.....	(x)	110	(x)	130	(x)	185	(x)	185
Net exclusion of pension contributions and earnings: Employer plans.....	(x)	8,715	(x)	9,940	(x)	11,335	(x)	12,925
Plans for self-employed and others.....	(x)	1,390	(x)	1,650	(x)	1,765	(x)	2,125
Exclusion of other employee benefits:								
Premiums on group term life insurance.....	(x)	860	(x)	840	(x)	1,350	(x)	1,485
Premiums on accident and disability insurance.....	(x)	70	(x)	75	(x)	85	(x)	90
Income of trusts to finance supplementary unemployment benefits.....	(x)	10	(x)	10	(x)	10	(x)	10
Exclusion of interest on life insurance savings.....	(x)	1,850	(x)	2,220	(x)	2,910	(x)	3,365
Exclusion of capital gains on home sales:								
For persons age 65 and over.....	(x)	40	(x)	110	(x)	75	(x)	(x)
For persons age 55 and over.....	(x)	(x)	(x)	(x)	(x)	225	(x)	535
Additional exemption for elderly.....	(x)	1,140	(x)	1,350	(x)	1,745	(x)	1,970
Additional exemption for the blind.....	(x)	20	(x)	25	(x)	35	(x)	40
Deductibility of casualty losses.....	(x)	320	(x)	410	(x)	530	(x)	590
Tax credit for the elderly.....	(x)	230	(x)	170	(x)	145	(x)	135
Earned income credit, nonrefundable portion.....	(x)	365	(x)	285	(x)	300	(x)	415
Exclusion of interest on State and local housing bonds.....	(x)	340	280	60	410	80	630	180
<b>Veterans benefits and services:</b>								
Exclusion of veterans disability compensation.....	(x)	745	(x)	800	(x)	915	(x)	1,050
Exclusion of veterans pensions.....	(x)	35	(x)	40	(x)	45	(x)	50
Exclusion of GI bill benefits.....	(x)	260	(x)	225	(x)	190	(x)	160
<b>General government: Credits and deductions for political contributions.....</b>	(x)	85	(x)	80	(x)	80	(x)	100
<b>General purpose fiscal assistance:</b>								
Exclusion of interest on general-purpose State and local debt.....	3,105	1,725	2,925	1,865	3,245	2,120	3,515	2,385
Deductibility of nonbusiness State and local taxes (other than on owner-occupied homes and gasoline).....	(x)	7,660	(x)	9,950	(x)	12,595	(x)	14,665
Tax credit for corporations doing business in U.S. possessions.....	450	(x)	685	(x)	740	(x)	780	(x)
<b>Interest: Deferral of interest on savings bonds.....</b>	(x)	585	(x)	620	(x)	500	(x)	290

X Not applicable. Z \$2.5 million or less. <sup>1</sup> Other than military.

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

## NO. 446. INTERNAL REVENUE COLLECTIONS, BY SELECTED SOURCES: 1960 TO 1979

[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	1978	1979	1960	1970	1978	1979
<b>All taxes.....</b>	<b>91.8</b>	<b>114.4</b>	<b>195.7</b>	<b>269.0</b>	<b>293.8</b>	<b>302.5</b>	<b>358.1</b>	<b>399.8</b>	<b>460.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual income taxes.....	44.9	53.7	108.7	142.9	156.4	159.0	186.8	213.1	251.5	49.0	53.0	53.3	54.6
Withheld by employers.....	31.7	36.8	77.4	112.1	122.1	123.4	144.7	165.3	195.3	34.5	39.6	41.3	42.4
Employment taxes <sup>1</sup> .....	11.2	17.1	37.4	62.1	70.1	74.2	86.1	97.3	112.8	12.2	19.1	24.3	24.5
Old-age and disability insurance.....	10.2	15.8	35.7	59.1	67.1	71.0	82.3	92.6	107.5	11.1	18.2	23.2	23.4
Unemployment insurance.....	.3	.6	.8	1.5	1.4	1.6	1.9	2.6	3.0	.4	.4	.7	.6
Corporation income taxes.....	22.2	26.1	35.0	41.7	45.7	46.8	60.0	65.4	71.4	24.2	17.9	18.4	15.5
Estate and gift taxes.....	1.6	2.7	3.7	5.1	4.7	5.3	7.4	5.4	5.5	1.8	1.9	1.4	1.2
Excise taxes <sup>2</sup> .....	11.9	14.8	15.9	17.1	16.8	17.3	17.8	18.7	19.0	12.9	8.1	4.7	4.1
Alcohol.....	3.2	3.8	4.7	5.4	5.4	5.4	5.4	5.6	5.6	3.5	2.4	1.4	1.2
Tobacco.....	1.9	2.1	2.1	2.4	2.3	2.5	2.4	2.5	2.5	2.1	1.1	.6	.5
Manufactures <sup>3</sup> .....	4.7	6.4	6.7	5.7	5.5	5.5	6.1	6.6	7.1	5.2	3.4	1.7	1.5
Gasoline and lubricating oils.....	2.1	2.8	3.5	4.2	4.1	4.2	4.4	4.5	4.6	2.3	1.8	1.1	1.0
Motor vehicles and parts <sup>3</sup> .....	2.1	3.0	3.1	1.5	1.4	1.2	1.6	1.8	2.1	2.3	1.6	.5	.4
Miscellaneous <sup>3</sup> .....	1.8	2.3	2.4	3.6	3.7	3.5	3.7	3.8	3.8	1.9	1.2	.9	.8
General and toll telephones <sup>4</sup> .....	.7	1.1	1.5	1.9	2.0	1.8	1.7	1.7	1.4	.8	.8	.4	.3
Transportation of persons.....	.3	.1	.3	.7	.8	.8	1.0	1.1	1.3	.3	.1	.3	.3

<sup>1</sup> Includes railroad retirement, not shown separately. <sup>2</sup> Includes other taxes, not shown separately.

<sup>3</sup> Includes tires, tubes, and tread rubber.

<sup>4</sup> 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. 447. NUMBER OF TAX RETURNS FILED, BY TYPE: 1960 TO 1979

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

TYPE OF RETURN	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Total<sup>1</sup>.....</b>	<b>94,399</b>	<b>102,492</b>	<b>113,079</b>	<b>121,914</b>	<b>126,049</b>	<b>127,662</b>	<b>133,522</b>	<b>136,718</b>	<b>140,174</b>
Income tax <sup>2</sup> .....	70,151	76,113	89,225	95,313	96,311	95,362	98,772	100,775	104,933
Individual and fiduciary.....	61,280	66,965	78,370	83,029	85,518	84,189	87,271	89,118	92,630
Estimated tax declarations.....	6,309	6,197	7,375	7,437	7,543	7,868	8,088	8,103	8,425
Partnership.....	1,016	977	937	1,118	1,138	1,135	1,165	1,205	1,353
Corporation.....	1,072	1,420	1,726	1,981	2,112	2,170	2,248	2,349	2,524
Estate tax.....	62	94	132	212	216	242	248	160	159
Gift tax.....	91	122	148	253	260	309	287	195	202
Employment tax.....	20,227	22,266	21,994	24,794	24,757	24,841	25,024	25,541	26,219
Exempt organization.....	(NA)	(NA)	(NA)	(NA)	(NA)	503	554	517	450
Employee plan.....	(NA)	(NA)	(NA)	(NA)	(NA)	1,104	1,287	1,243	1,214
Excise tax <sup>3</sup> .....	3,866	3,898	1,580	1,342	1,427	1,392	1,474	1,459	1,522

NA Not available. <sup>1</sup> Beginning 1975, includes other returns, not shown separately.

<sup>2</sup> Prior to 1975, includes other returns, not shown separately.

<sup>3</sup> Includes alcohol, tobacco, and firearms tax returns.

## NO. 448. NUMBER OF INDIVIDUAL INCOME TAX RETURNS, BY MARITAL STATUS AND SIZE OF ADJUSTED GROSS INCOME: 1965 TO 1978

ITEM	NUMBER OF RETURNS (1,000)							PERCENT		
	1965	1970	1975	1976	1977	1978, prel.	1979, prel.	1965	1970	1978, prel.
<b>Total tax returns.....</b>	<b>67,596</b>	<b>74,280</b>	<b>82,229</b>	<b>84,670</b>	<b>86,634</b>	<b>89,890</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Joint returns, husbands and wives.....	39,304	42,376	44,140	44,439	44,004	44,550		58.2	57.0	49.6
Separate returns, husbands and wives.....	2,851	2,370	1,939	1,879	1,295	1,538		4.2	3.2	1.7
Returns of heads of households <sup>1</sup> .....	2,090	3,857	5,139	5,478	5,989	6,518		3.1	5.2	7.3
Returns of single persons.....	23,351	25,677	31,011	32,875	35,345	37,284		34.5	34.6	41.5
<b>Returns with income under \$10,000.....</b>	<b>56,491</b>	<b>50,611</b>	<b>44,855</b>	<b>43,829</b>	<b>42,605</b>	<b>41,916</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Joint returns, husbands and wives.....	28,978	21,036	13,785	12,138	10,434	8,996		51.3	41.6	21.5
Separate returns, husbands and wives.....	2,786	2,184	1,504	1,370	883	1,081		4.9	4.3	2.6
Returns of heads of households.....	1,949	3,383	5,079	3,758	3,908	4,087		3.5	6.7	9.8
Returns of single persons.....	22,778	24,008	25,887	26,562	27,481	27,752		40.3	47.4	66.2
<b>Returns with income over \$10,000.....</b>	<b>11,105</b>	<b>23,669</b>	<b>37,375</b>	<b>40,842</b>	<b>44,029</b>	<b>47,974</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Joint returns, husbands and wives.....	10,326	21,340	30,356	32,300	33,571	35,554		93.0	90.2	74.1
Separate returns, husbands and wives.....	65	185	435	509	412	458		.6	.8	1.0
Returns of heads of households.....	140	473	1,460	1,719	2,183	2,431		1.3	2.0	5.1
Returns of single persons.....	574	1,671	5,124	6,312	7,864	9,531		5.1	7.0	19.9

<sup>1</sup> Includes returns of surviving spouses.

Source of tables 447 and 448: U.S. Internal Revenue Service, *Annual Report of the Commissioner*, and *Statistics of Income, Individual Income Tax Returns*, annual.

**NO. 449. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME—  
SUMMARY: 1960 TO 1978**

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns<sup>1</sup> 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 (AGI) 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. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978, prel.
Taxpayers, total	Mil.	98.7	107.6	117.0	124.3	127.6	126.6	129.2	130.7	134.6
Personal exemptions	Mil.	175.3	190.7	204.1	209.8	215.1	212.2	215.8	215.2	220.0
65 years old and over	Mil.	6.7	7.0	8.9	9.2	9.6	9.9	10.4	10.5	11.0
Taxpayers dependents	Mil.	69.9	75.1	78.1	75.8	77.6	75.5	76.0	73.8	74.2
Adjusted gross income, total	Bil. dol.	316.6	430.7	634.3	827.1	905.5	947.8	1,053.9	1,156.5	1,304.2
Total individual returns <sup>1</sup>	Mil.	61.0	67.6	74.3	80.7	83.3	82.2	84.7	86.6	89.9
Returns with AGI	Mil.	50.6	67.2	73.8	80.2	82.8	81.6	84.1	86.1	89.4
Taxable	Mil.	48.1	53.7	59.3	64.3	67.3	61.5	64.4	64.4	68.8
Percent of all returns	Percent	79.3	79.4	79.9	79.6	80.8	74.8	76.1	74.3	76.5
Adjusted gross income <sup>2</sup>	Bil. dol.	297.2	400.3	610.3	799.7	880.4	898.3	1,004.4	1,097.7	1,242.4
Personal exemptions <sup>3</sup>	Bil. dol.	81.2	91.9	107.0	132.4	136.8	123.8	128.0	126.0	132.3
65 years old and over	Mil.	(NA)	4.1	5.6	6.2	6.9	6.7	7.0	6.7	7.5
Taxpayers dependents	Mil.	(NA)	61.2	68.1	66.5	67.9	59.5	61.1	59.4	61.2
Income tax withheld	Bil. dol.	31.9	38.5	74.2	101.1	115.3	114.8	128.8	143.5	166.7
Nontaxable <sup>4</sup>	Mil.	12.5	13.5	14.5	16.4	16.0	20.7	20.2	22.3	21.1
Percent of all returns	Percent	20.7	20.6	20.1	20.4	19.2	25.2	23.9	25.7	23.5
Returns with—										
Standard deductions	Mil.	36.9	39.3	38.4	52.2	53.2	55.5	58.2	59.0	59.8
Itemized deductions	Mil.	24.1	27.9	35.4	28.0	29.6	26.1	28.0	22.9	25.8
Adjusted gross income	Bil. dol.	181.1	267.3	448.7	486.3	544.3	532.6	581.7	595.0	708.9
Deductions, total	Bil. dol.	35.3	50.7	88.2	107.0	119.4	122.3	133.9	138.5	163.9
Overpayments	Mil.	39.4	42.8	55.3	64.2	65.8	63.8	65.0	66.0	65.7
Tax due	Mil.	18.2	20.0	16.5	14.2	15.4	15.8	16.9	17.8	21.5
Statutory adjustments <sup>5</sup>	Bil. dol.	(NA)	3.1	7.7	10.7	13.1	15.1	16.3	19.3	22.3
Taxable income <sup>6</sup>	Bil. dol.	171.6	255.1	401.2	511.9	573.6	595.5	674.9	939.0	1,063.3
Percent of AGI	Percent	54.2	59.2	63.2	61.9	63.4	62.8	64.0	61.1	61.5
Income tax, total <sup>7</sup>	Bil. dol.	39.5	49.5	83.9	108.1	123.6	124.5	141.8	159.8	188.6
Percent of AGI <sup>8</sup>	Percent	13.3	12.1	13.7	13.5	14.0	13.9	14.1	14.6	15.2
Percent of taxable income <sup>9</sup>	Percent	23.0	19.4	20.9	21.1	21.5	20.9	21.2	17.6	18.3
Average income per return <sup>10</sup>	\$1,000	6.2	7.6	8.5	12.4	13.1	14.6	15.6	17.1	18.1
Average income tax per return <sup>11</sup>	Dol.	821	922	1,415	1,682	1,836	2,025	2,201	2,482	2,741
Income tax per capita of total population	Dol.	219	256	413	515	585	584	661	738	865
Percent of total population filing returns <sup>12</sup>	Percent	54.4	54.8	57.2	59.0	60.3	59.3	60.1	60.4	61.7
Total credits	Bil. dol.	.4	.6	.4	1.5	1.6	8.1	12.7	13.6	17.0
Income tax after credits	Bil. dol.	39.5	49.5	83.8	107.9	123.5	124.4	140.8	158.5	187.2
Self-employment tax	Bil. dol.	.1	1.1	1.8	3.0	3.3	3.4	3.8	4.1	4.6
Total tax liability	Bil. dol.	40.3	50.6	85.8	111.1	127.0	127.9	145.7	164.0	193.5
<b>SOURCES OF INCOME (TOTAL RETURNS)</b>										
Salaries and wages, gross	Bil. dol.	<sup>11</sup> 257.7	346.8	531.3	686.3	758.6	795.4	881.0	969.4	1,092.0
Percent of AGI	Percent	81.4	80.5	83.8	82.6	83.8	83.9	83.6	83.7	83.7
Interest	Bil. dol.	5.0	11.2	21.8	31.9	39.5	43.4	48.6	54.6	60.9
Business or profession, net <sup>12</sup>	Bil. dol.	<sup>13</sup> 22.1	25.2	31.0	39.1	39.0	39.4	44.5	49.5	53.3
Dividends <sup>14</sup>	Bil. dol.	9.5	12.9	15.7	18.5	20.9	21.9	24.5	27.0	30.2
Pensions and annuities <sup>15</sup>	Bil. dol.	1.6	3.6	7.9	13.0	16.7	20.9	24.6	29.2	32.9
Sales of capital assets <sup>16</sup>	Bil. dol.	5.1	10.0	8.7	16.1	13.5	14.1	18.6	20.8	22.0
Partnerships <sup>12</sup>	Bil. dol.	<sup>10</sup> 9.2	<sup>16</sup> 11.1	11.7	12.5	11.0	10.8	11.7	13.3	15.4
Rents <sup>12</sup>	Bil. dol.	2.7	2.4	2.4	3.8	3.8	3.4	3.9	3.0	3.3
Farm <sup>12</sup>	Bil. dol.	( <sup>13</sup> )	3.9	3.4	8.3	5.0	3.6	3.5	.5	3.8
Estates and trusts <sup>12</sup>	Bil. dol.	.7	( <sup>17</sup> )	1.4	2.0	2.3	2.6	2.9	2.8	3.0
Small business corporation <sup>12</sup>	Bil. dol.	( <sup>18</sup> )	( <sup>18</sup> )	1.7	2.1	2.6	2.1	1.9	2.0	2.5
Royalties <sup>12</sup>	Bil. dol.	.6	.6	.8	1.2	1.6	1.8	2.0	2.2	2.6
Other sources <sup>12 18</sup>	Bil. dol.	2.2	6.1	4.2	3.0	4.1	3.5	2.5	3.5	4.6

NA Not available. <sup>1</sup> Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. <sup>2</sup> 1960-1970, returns with adjusted gross income only. Beginning 1973, includes returns with adjusted gross income less deficit. <sup>3</sup> Exemptions: 1960 and 1965, \$800; 1970, \$625; 1973-1978, \$750. <sup>4</sup> Beginning 1973, includes returns with no adjusted income. <sup>5</sup> Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account and forfeited interest penalty. <sup>6</sup> Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. <sup>7</sup> Income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax"). <sup>8</sup> Only taxable returns counted in computing percent or average. <sup>9</sup> Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. <sup>10</sup> Joint returns counted twice in computing percent. <sup>11</sup> Represents salaries and wages after sick pay exclusion and certain employee business expenses. <sup>12</sup> Figures represent net income minus net loss. <sup>13</sup> Farm, net included with business or profession, net. <sup>14</sup> After exclusions. <sup>15</sup> Taxable portion. <sup>16</sup> Small business corporation included with partnerships. <sup>17</sup> Included in other sources. <sup>18</sup> Statutory adjustments are not included with other sources.

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



# NO. 450. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME: 1960 TO 1978

[In thousands of returns. See headnote, table 449]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, est.
<b>Total Individual returns <sup>1</sup></b> .....	<b>61,028</b>	<b>67,596</b>	<b>74,280</b>	<b>77,573</b>	<b>80,693</b>	<b>83,340</b>	<b>82,229</b>	<b>84,670</b>	<b>86,635</b>	<b>89,890</b>
Returns with adjusted gross income.....	60,593	67,199	73,862	77,132	80,249	82,794	81,586	84,124	86,066	89,384
Under \$5,000.....	35,008	32,620	27,890	26,523	26,594	26,221	24,258	23,389	22,694	21,793
\$5,000-\$9,999.....	20,266	23,474	22,303	21,176	20,582	20,587	19,953	19,893	19,343	19,617
\$10,000-\$14,999.....	3,642	7,715	14,106	15,364	15,804	15,670	14,964	14,551	14,299	14,261
\$15,000-\$19,999.....	786	1,762	5,538	7,773	9,091	10,071	10,354	11,388	11,405	11,416
\$20,000-\$24,999.....	324		1,909	3,094	3,944	4,845	5,598	6,650	7,767	8,555
\$25,000-\$29,999.....	441	1,394	768	1,266	1,742	2,260	2,744	3,630	4,354	5,385
\$30,000-\$49,999.....			918	1,338	1,760	2,174	2,748	3,639	4,785	6,534
\$50,000-\$99,999.....	101	189	351	484	597	701	781	948	1,141	1,469
\$100,000-\$499,999.....	23	44	75	111	132	162	182	221	272	345
\$500,000-\$999,999.....	1	1	2	3	3	3	3	4	5	7
\$1,000,000 and over.....	(2)	1	1	1	1	1	1	1	2	2
Taxable returns.....	48,061	53,701	59,317	60,869	64,267	67,335	61,491	64,421	64,381	68,806
Under \$5,000.....	22,752	19,614	13,815	11,225	11,544	11,718	7,167	6,808	4,950	5,148
\$5,000-\$9,999.....	19,998	23,011	21,873	20,326	19,784	19,789	17,338	17,135	15,875	16,368
\$10,000-\$14,999.....	3,637	7,696	14,081	15,284	15,727	15,566	14,724	14,329	14,014	13,845
\$15,000-\$19,999.....	785	1,757	5,532	7,755	9,058	10,046	10,260	11,127	11,310	11,288
\$20,000-\$24,999.....	323		1,906	3,087	3,934	4,933	5,571	6,619	7,727	8,496
\$25,000-\$29,999.....	441	1,389	766	1,262	1,737	2,254	2,734	3,612	4,333	5,351
\$30,000-\$49,999.....			916	1,334	1,753	2,165	2,734	3,620	4,760	6,489
\$50,000-\$99,999.....	101	188	350	482	594	698	776	945	1,134	1,457
\$100,000-\$499,999.....	23	44	75	111	132	161	181	221	271	344
\$500,000-\$999,999.....	1	1	2	3	3	3	3	4	5	7
\$1,000,000 and over.....	(2)	1	1	1	1	1	1	1	2	2

Z Less than 500. <sup>1</sup> See footnote 1, table 449.

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

# NO. 451. AVERAGE TAX OF TAXABLE INDIVIDUAL INCOME TAX RETURNS AND PERCENT TOTAL TAX OF TAXABLE INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1960 TO 1978

ADJUSTED GROSS INCOME CLASS	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
AVERAGE TAX										
<b>Total (dol.)</b> .....	<b>821</b>	<b>922</b>	<b>1,415</b>	<b>1,537</b>	<b>1,682</b>	<b>1,836</b>	<b>2,025</b>	<b>2,201</b>	<b>2,482</b>	<b>2,741</b>
Under \$5,000 (dol.).....	278	221	263	189	188	192	111	160	144	134
\$5,000-\$9,999 (dol.).....	768	671	762	657	674	693	618	578	530	539
\$10,000-\$14,999 (\$1,000).....	1.7	1.4	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.2
\$15,000-\$24,999 (\$1,000).....	3.3		2.7	2.4	2.5	2.5	2.4	2.4	2.4	2.5
\$25,000-\$49,999 (\$1,000).....	8.2	3.7	6.4	5.7	5.7	5.6	5.4	5.4	5.4	5.5
\$50,000-\$99,999 (\$1,000).....	22.5	19.4	19.0	17.7	17.4	17.5	17.2	17.2	17.1	16.7
\$100,000-\$499,999 (\$1,000).....	68.9	63.0	60.6	57.3	56.3	57.2	56.3	57.8	57.7	57.7
\$500,000-\$999,999 (\$1,000).....	312	294	304	305	306	301	298	314	310	308
\$1,000,000 and over (\$1,000).....	951	967	992	1,022	935	969	987	1,069	1,045	998
PERCENT TOTAL TAX <sup>1</sup> OF TAXABLE INCOME										
<b>Total</b> .....	<b>23.0</b>	<b>19.5</b>	<b>20.9</b>	<b>21.0</b>	<b>21.2</b>	<b>21.6</b>	<b>21.1</b>	<b>21.2</b>	<sup>2</sup> <b>17.6</b>	<sup>2</sup> <b>18.3</b>
Under \$5,000.....	19.9	15.3	15.8	15.2	15.3	15.4	12.8	12.5	4.4	4.1
\$5,000-\$9,999.....	20.4	16.3	17.2	16.7	16.8	16.9	15.3	14.3	8.6	8.7
\$10,000-\$14,999.....	21.4	17.6	18.4	17.7	17.8	18.0	17.0	16.1	11.8	12.1
\$15,000-\$24,999.....	24.2	22.1	20.4	19.5	19.5	19.6	18.8	18.3	15.1	15.2
\$25,000-\$49,999.....	30.8		25.6	24.3	23.7	23.7	23.1	22.9	20.3	20.3
\$50,000-\$99,999.....	42.0	35.8	36.1	34.9	33.6	33.6	33.3	33.6	31.5	30.9
\$100,000-\$499,999.....	53.7	47.7	49.8	47.9	46.2	46.1	45.7	46.7	45.1	44.5
\$500,000-\$999,999.....	59.0	53.7	62.5	63.1	61.2	60.0	59.1	62.2	60.5	59.2
\$1,000,000 and over.....	61.6	54.4	61.2	65.1	64.7	65.0	64.9	67.3	68.4	65.4

<sup>1</sup> Represents income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax").

<sup>2</sup> Not comparable to previous years because of change in definition of taxable income (see headnote, table 449, and footnote 2, table 452).

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

# NO. 452. INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1965 TO 1978

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

ADJUSTED GROSS INCOME CLASS	TOTAL (bil. dol.)						PERCENT DISTRIBUTION					
	1965	1970	1975	1976	1977	1978, prel.	1965	1970	1975	1976	1977	1978, prel.
ADJUSTED GROSS INCOME <sup>1</sup>												
<b>Total.....</b>	<b>430.7</b>	<b>634.2</b>	<b>947.8</b>	<b>1,053.9</b>	<b>1,158.5</b>	<b>1,304.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Taxable returns.....	409.4	610.3	898.3	1,004.4	1,097.7	1,242.4	95.0	96.2	94.8	95.3	94.8	95.3
Under \$5,000.....	59.5	47.2	26.9	25.3	19.4	19.9	13.8	7.4	2.8	2.4	1.7	1.5
\$5,000-\$9,999.....	167.4	162.9	129.9	128.3	120.0	122.9	38.9	25.7	13.7	12.2	10.4	9.4
\$10,000-\$14,999.....	91.6	171.6	182.8	178.0	173.7	171.9	21.3	27.1	19.3	16.9	15.0	13.2
\$15,000-\$19,999.....	29.8	94.4	177.4	193.0	196.4	196.7	6.9	14.9	18.7	18.3	17.0	15.1
\$20,000-\$24,999.....	39.5	42.1	123.7	147.2	172.3	189.7	9.2	6.6	13.1	14.0	14.9	14.5
\$25,000-\$49,999.....		54.8	174.0	230.5	292.0	383.4		8.6	18.4	21.9	25.2	29.4
\$50,000-\$99,999.....		12.4	23.0	51.2	62.2	74.5		2.9	3.6	5.4	6.4	7.3
\$100,000-\$499,999.....	7.1	11.7	27.9	34.3	42.3	54.1	1.7	1.9	2.9	3.3	3.6	4.1
\$500,000-\$999,999.....	.9	1.2	2.2	2.7	3.5	4.6	.2	.2	.2	.3	.3	.4
\$1,000,000 and over.....	1.4	1.4	2.3	2.9	3.6	4.2	.3	.2	.2	.3	.3	.3
Nontaxable returns.....	21.3	23.9	49.5	49.4	60.8	61.8	5.0	3.8	5.2	4.7	5.2	4.7
TAXABLE INCOME <sup>2</sup>												
<b>Total.....</b>	<b>255.1</b>	<b>401.2</b>	<b>595.5</b>	<b>674.9</b>	<b>939.0</b>	<b>1,063.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Taxable returns.....	254.3	400.9	590.4	669.4	905.9	1,028.7	99.7	99.8	99.1	99.2	96.5	96.7
Under \$5,000.....	28.3	22.9	9.4	8.7	16.3	16.6	11.1	5.7	1.6	1.3	1.7	1.6
\$5,000-\$9,999.....	94.7	96.6	70.3	69.4	97.6	100.8	37.1	24.1	11.8	10.3	10.4	9.5
\$10,000-\$14,999.....	60.8	112.2	113.0	111.4	142.3	142.1	23.8	28.0	19.0	16.5	15.2	13.4
\$15,000-\$19,999.....	21.7	66.6	116.8	127.4	162.4	163.3	8.5	16.6	19.6	18.9	17.3	15.4
\$20,000-\$24,999.....	30.9	31.0	86.7	102.6	143.3	157.1	12.2	7.7	14.6	15.2	15.3	14.8
\$25,000-\$49,999.....		42.1	128.5	170.0	242.5	318.6		10.5	21.6	25.2	25.8	30.0
\$50,000-\$99,999.....		10.2	18.4	40.1	48.4	61.5		4.0	6.7	7.2	6.5	7.4
\$100,000-\$499,999.....	5.8	9.1	22.3	27.3	34.6	44.6	2.3	2.3	3.7	4.1	3.7	4.2
\$500,000-\$999,999.....	.8	.8	1.6	2.0	2.7	3.6	.3	.2	.3	.3	.3	.3
\$1,000,000 and over.....	1.1	1.0	1.7	2.2	2.7	3.2	.4	.2	.3	.3	.3	.3
Nontaxable returns.....	.7	.3	5.1	5.5	33.1	34.6	.3	.1	.9	.8	3.5	3.3
INCOME TAX AFTER CREDITS <sup>3</sup>												
<b>Total.....</b>	<b>49.5</b>	<b>83.9</b>	<b>124.5</b>	<b>141.8</b>	<b>158.5</b>	<b>187.2</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Taxable returns.....	49.5	83.9	124.5	141.8	158.5	187.2	100.0	100.0	100.0	100.0	100.0	100.0
Under \$5,000.....	4.4	3.6	1.2	1.1	.7	.6	8.9	4.3	1.0	.8	.4	.3
\$5,000-\$9,999.....	15.4	16.7	10.7	9.9	8.4	8.8	31.2	19.9	8.6	7.0	5.3	4.7
\$10,000-\$14,999.....	10.7	20.6	19.2	18.0	16.8	17.1	21.6	24.6	15.4	12.7	10.6	9.2
\$15,000-\$19,999.....	4.2	13.2	21.2	22.5	22.9	23.4	8.5	15.7	17.0	15.9	14.5	12.5
\$20,000-\$24,999.....	7.4	6.7	17.0	19.7	23.0	25.3	15.0	8.0	13.7	13.9	14.5	13.5
\$25,000-\$49,999.....		10.8	29.6	38.9	49.1	64.5		12.8	23.8	27.4	31.0	34.5
\$50,000-\$99,999.....		3.7	6.6	13.4	16.3	19.1		7.9	10.8	11.5	12.0	12.8
\$100,000-\$499,999.....	2.8	4.5	10.2	12.8	15.2	19.4	5.7	5.4	8.2	9.0	9.6	10.4
\$500,000-\$999,999.....	.4	.5	1.0	1.3	1.5	2.0	.8	.6	.8	.9	1.0	1.1
\$1,000,000 and over.....	.6	.6	1.1	1.4	1.7	2.0	1.2	.8	.9	1.0	1.1	1.1

X Not applicable. <sup>1</sup> Beginning 1975, adjusted gross income less deficit. <sup>2</sup> Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. <sup>3</sup> Beginning 1970, includes minimum tax.

## NO. 453. NONTAXABLE INDIVIDUAL INCOME TAX RETURNS—NUMBER OF RETURNS AND AMOUNT OF ADJUSTED GROSS INCOME: 1970 TO 1978

ADJUSTED GROSS INCOME CLASS <sup>1</sup>	NUMBER OF RETURNS (1,000)					ADJUSTED GROSS INCOME (mil. dol.)				
	1970	1975	1976	1977	1978, prel.	1970	1975	1976	1977	1978, prel.
<b>Total.....</b>	<b>14,962</b>	<b>20,739</b>	<b>20,249</b>	<b>22,254</b>	<b>21,084</b>	<b>21,421</b>	<b>49,470</b>	<b>49,450</b>	<b>60,788</b>	<b>61,752</b>
Under \$5,000.....	14,493	17,735	17,127	18,313	17,150	17,968	26,433	25,928	30,184	28,984
\$5,000-\$9,999.....	430	2,615	2,757	3,468	3,249	2,717	16,680	17,534	22,681	21,226
\$10,000-\$14,999.....	25	239	222	285	416	295	2,867	2,640	3,394	4,914
\$15,000-\$24,999.....	9	120	101	135	186	171	2,177	1,888	2,521	3,489
\$25,000-\$49,999.....	4	23	37	46	69	121	776	1,177	1,497	2,253
\$50,000 or more.....	1	6	4	7	13	149	539	282	510	885

<sup>1</sup> Adjusted gross income less deficit.

Source of tables 452 and 453: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

### NO. 454. FEDERAL INDIVIDUAL INCOME TAX LIABILITY AND EFFECTIVE RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1980

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. Computations assume the low income allowance, standard deduction, zero bracket amount, 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 <sup>1</sup>	TAX LIABILITY (dollars)						EFFECTIVE RATE (percent)					
	1954-1963	1964	1970 <sup>2</sup>	1975	1977-1978	1979-1980	1954-1963	1964	1970 <sup>2</sup>	1975	1977-1978	1979-1980
<b>Single person, no dependent:</b>												
\$3,000.....	422	360	302	63	-	-	14.1	12.0	10.1	2.1	-	-
\$5,000.....	818	720	683	404	274	246	16.4	14.4	13.7	8.1	5.5	4.9
\$10,000.....	2,086	1,872	1,778	1,476	1,216	1,172	21.0	18.7	17.8	14.8	12.2	11.7
\$15,000.....	3,787	3,376	3,224	2,587	2,457	2,339	25.2	22.5	21.5	17.2	16.4	15.6
\$20,000.....	5,900	5,233	5,031	4,123	3,999	3,829	29.5	26.2	25.2	20.6	20.0	19.1
\$25,000.....	8,324	7,410	7,144	5,865	5,715	5,484	33.3	29.6	28.6	23.5	22.9	21.9
\$35,000.....	13,778	12,344	11,904	9,898	9,548	9,194	39.4	35.3	34.0	27.7	27.3	26.3
\$50,000.....	22,788	20,384	19,695	16,710	16,580	16,032	45.6	40.8	39.4	33.4	33.1	32.1
\$75,000.....	39,702	35,267	34,020	30,680	30,530	29,487	52.9	47.0	45.4	40.9	40.7	39.3
<b>Married couple, no dependent:</b>												
\$3,000.....	300	226	137	170	-	-	10.0	7.5	4.6	-	-	-
\$5,000.....	660	554	503	404	274	246	13.2	11.1	10.1	3.4	-	-
\$10,000.....	1,636	1,440	1,366	1,054	757	698	16.4	14.4	13.7	10.5	7.6	7.0
\$15,000.....	2,810	2,501	2,381	2,002	1,701	1,630	18.7	16.7	15.9	13.3	11.3	10.9
\$20,000.....	4,192	3,744	3,557	3,175	2,899	2,739	21.0	18.7	17.8	15.9	14.5	13.7
\$25,000.....	5,774	5,162	4,900	4,608	4,288	4,050	23.1	20.6	19.6	18.4	17.2	16.2
\$35,000.....	9,601	8,523	8,177	7,820	7,690	7,339	27.4	24.4	23.4	22.3	22.0	21.0
\$50,000.....	16,648	14,819	14,289	13,760	13,640	13,014	33.3	29.6	28.6	27.5	27.3	26.0
\$75,000.....	30,415	27,266	26,299	25,460	25,340	24,484	40.6	36.4	35.1	33.9	33.8	32.6
<b>Married couple, 2 dependents:</b>												
\$3,000.....	60	-	-	<sup>a</sup> -300	<sup>a</sup> -300	<sup>a</sup> -298	2.0	-	-	<sup>a</sup> -10.0	<sup>a</sup> -10.0	<sup>a</sup> -9.9
\$5,000.....	420	325	275	<sup>a</sup> -300	<sup>a</sup> -300	<sup>a</sup> -498	8.4	6.5	5.5	<sup>a</sup> -6.0	<sup>a</sup> -6.0	<sup>a</sup> -10.0
\$10,000.....	1,372	1,200	1,122	709	442	370	13.7	12.0	11.2	7.1	4.4	3.7
\$15,000.....	2,486	2,209	2,091	1,612	1,375	1,238	16.6	14.7	13.9	10.7	9.2	8.3
\$20,000.....	3,800	3,392	3,213	2,740	2,524	2,260	19.0	17.0	16.1	13.7	12.6	11.3
\$25,000.....	5,318	4,754	4,490	4,092	3,857	3,490	21.3	19.0	18.0	16.4	15.4	14.0
\$35,000.....	9,037	8,031	7,677	7,175	7,105	6,598	25.8	22.9	21.9	20.5	20.3	18.9
\$50,000.....	15,976	14,213	13,674	12,980	12,920	12,118	32.0	28.4	27.3	26.0	25.8	24.2
\$75,000.....	29,635	26,564	25,594	24,575	24,515	23,404	39.5	35.4	34.1	32.8	32.7	31.2

- Represents zero. <sup>1</sup> See headnote, table 449. <sup>2</sup> Includes tax surcharge. <sup>3</sup> Refundable earned income credit.

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

### NO. 455. FEDERAL INCOME AND PAYROLL TAXES FOR A FOUR-PERSON FAMILY WITH ONE EARNER, BY SELECTED EARNINGS LEVELS: 1968 TO 1979

[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
<b>1968: Total</b> .....	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
<b>1970: Total</b> .....	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
<b>1975: Total</b> .....	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	-6.0	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
<b>1977: Total</b> .....	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
<b>1978: Total</b> .....	305	1,656	3,195	5,782	8,486	13,652	6.1	16.6	21.3	23.1	24.2	27.3
Income.....	-300	446	1,380	3,640	6,344	11,510	-6.0	4.5	9.2	14.6	18.1	23.0
Payroll.....	605	1,210	1,815	2,142	2,142	2,142	12.1	12.1	12.1	8.6	6.1	4.3
<b>1979: Total</b> .....	113	1,600	3,081	6,137	8,657	13,636	2.3	16.0	20.5	24.5	24.7	27.3
Income.....	-500	374	1,242	3,329	5,849	10,828	-10.0	3.7	8.3	13.3	16.7	21.7
Payroll.....	613	1,226	1,839	2,808	2,808	2,808	12.3	12.3	12.3	11.2	8.0	5.6

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. 456. FEDERAL INDIVIDUAL INCOME TAX RETURNS AND TAXES—STATES AND OTHER AREAS: 1970 TO 1978

[For 1970, 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]

STATE OR OTHER AREA	1970				1975				1978, prel.			
	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)
<b>Total</b> .....	<b>74,278</b>	<b>631,626</b>	<b>83,880</b>	<b>412</b>	<b>82,229</b>	<b>947,785</b>	<b>124,526</b>	<b>585</b>	<b>89,890</b>	<b>1,304,189</b>	<b>188,577</b>	<b>865</b>
<b>N.E.</b> .....	<b>4,675</b>	<b>40,895</b>	<b>5,661</b>	<b>476</b>	<b>4,860</b>	<b>55,748</b>	<b>7,465</b>	<b>613</b>	<b>5,224</b>	<b>74,478</b>	<b>10,884</b>	<b>888</b>
Maine.....	359	2,523	292	293	407	3,843	440	416	447	5,138	616	565
N.H.....	289	2,362	303	409	338	3,529	436	537	399	5,502	775	890
Vt.....	160	1,240	149	335	179	1,776	204	432	199	2,453	293	602
Mass.....	2,283	19,803	2,700	473	2,321	26,518	3,472	597	2,448	34,225	4,877	845
R.I.....	362	2,868	373	393	371	3,908	505	524	396	5,272	735	766
Conn.....	1,212	12,099	1,844	606	1,244	16,174	2,408	777	1,335	21,688	3,588	1,158
<b>M.A.</b> .....	<b>14,308</b>	<b>131,545</b>	<b>18,326</b>	<b>492</b>	<b>14,368</b>	<b>177,156</b>	<b>23,913</b>	<b>642</b>	<b>14,783</b>	<b>222,770</b>	<b>32,892</b>	<b>893</b>
N.Y.....	7,054	66,804	9,334	508	6,876	87,315	11,557	639	6,979	106,513	15,317	863
N.J.....	2,829	27,018	3,863	537	2,919	37,754	5,381	734	3,055	48,746	7,684	1,049
Pa.....	4,425	37,723	5,129	434	4,573	52,087	6,975	588	4,749	67,511	9,891	842
<b>E.N.C.</b> .....	<b>14,901</b>	<b>132,711</b>	<b>18,185</b>	<b>451</b>	<b>15,823</b>	<b>189,139</b>	<b>25,659</b>	<b>627</b>	<b>16,983</b>	<b>260,855</b>	<b>39,420</b>	<b>956</b>
Ohio.....	3,910	34,186	4,711	442	4,181	48,101	6,479	604	4,383	65,099	9,675	900
Ind.....	1,879	15,689	2,061	396	2,023	23,201	3,055	575	2,207	32,280	4,792	892
Ill.....	4,309	40,247	5,761	518	4,477	57,068	8,214	734	4,765	75,800	12,073	1,074
Mich.....	3,155	29,268	4,008	451	3,353	41,102	5,526	607	3,700	59,854	9,194	1,001
Wis.....	1,648	13,341	1,644	371	1,789	19,639	2,385	520	1,928	27,523	3,686	788
<b>W.N.C.</b> .....	<b>5,908</b>	<b>45,877</b>	<b>5,767</b>	<b>349</b>	<b>6,416</b>	<b>71,154</b>	<b>9,116</b>	<b>546</b>	<b>6,933</b>	<b>97,105</b>	<b>13,322</b>	<b>783</b>
Minn.....	1,389	11,172	1,382	362	1,527	17,392	2,124	542	1,691	24,143	3,216	802
Iowa.....	1,029	7,880	969	342	1,106	12,650	1,608	562	1,175	17,073	2,280	787
Mo.....	1,681	13,643	1,798	384	1,784	19,261	2,537	532	1,923	27,032	3,896	802
N. Dak.....	215	1,340	149	240	244	2,720	337	529	266	3,419	439	674
S. Dak.....	229	1,414	156	233	253	2,390	279	410	270	3,129	381	551
Nebr.....	552	4,031	510	243	615	6,646	867	562	638	8,766	1,186	758
Kans.....	813	6,397	803	357	887	10,095	1,364	598	970	13,543	1,925	820
<b>S.A.</b> .....	<b>10,784</b>	<b>86,736</b>	<b>11,371</b>	<b>369</b>	<b>12,725</b>	<b>140,426</b>	<b>19,047</b>	<b>536</b>	<b>14,073</b>	<b>193,929</b>	<b>27,327</b>	<b>790</b>
Del.....	207	1,989	299	543	236	2,938	405	700	245	3,712	568	974
Md.....	1,474	14,204	1,961	498	1,680	21,892	2,995	727	1,759	28,714	4,241	1,024
D.C.....	320	2,462	386	510	310	3,691	550	773	318	4,514	752	1,115
Va.....	1,659	14,024	1,863	400	1,919	22,635	3,000	602	2,111	31,619	4,592	992
W. Va.....	556	4,208	539	308	610	6,707	890	495	664	8,943	1,243	668
N.C.....	1,743	12,523	1,518	298	2,004	19,973	2,285	420	2,192	27,637	3,505	629
S.C.....	840	5,732	644	248	1,009	9,866	1,093	388	1,115	13,483	1,660	569
Ga.....	1,542	11,802	1,481	321	1,776	18,484	2,187	444	2,003	26,143	3,473	683
Fla.....	2,443	19,792	2,680	582	3,181	34,240	4,642	561	3,666	49,164	7,292	849
<b>E.S.C.</b> .....	<b>3,970</b>	<b>26,800</b>	<b>3,453</b>	<b>269</b>	<b>4,599</b>	<b>46,466</b>	<b>5,711</b>	<b>423</b>	<b>5,130</b>	<b>66,083</b>	<b>8,721</b>	<b>623</b>
Ky.....	1,034	7,553	920	285	1,159	11,799	1,520	449	1,267	16,939	2,314	661
Tenn.....	1,316	9,819	1,232	313	1,529	15,660	1,949	467	1,712	21,925	2,985	685
Ala.....	1,030	7,462	856	248	1,190	12,275	1,498	414	1,320	17,401	2,231	596
Miss.....	590	3,966	445	201	721	6,732	744	318	830	9,818	1,192	496
<b>W.S.C.</b> .....	<b>6,336</b>	<b>48,874</b>	<b>6,350</b>	<b>328</b>	<b>7,615</b>	<b>82,918</b>	<b>11,164</b>	<b>535</b>	<b>8,671</b>	<b>121,406</b>	<b>18,307</b>	<b>830</b>
Ark.....	596	4,001	466	241	698	6,479	757	359	771	9,355	1,173	537
La.....	1,062	7,871	987	270	1,277	13,758	1,785	469	1,435	19,931	2,996	755
Okla.....	861	6,463	799	311	1,012	10,480	1,309	482	1,111	15,468	2,180	757
Tex.....	3,817	30,539	4,098	365	4,628	52,201	7,313	598	5,353	76,652	11,958	919
<b>Mt.</b> .....	<b>3,006</b>	<b>23,648</b>	<b>2,927</b>	<b>351</b>	<b>3,779</b>	<b>40,736</b>	<b>5,073</b>	<b>527</b>	<b>4,420</b>	<b>60,913</b>	<b>8,268</b>	<b>806</b>
Mont.....	250	1,768	213	304	297	2,979	360	483	324	4,080	518	660
Idaho.....	251	1,695	197	274	308	3,190	371	456	355	4,583	561	639
Wyo.....	126	958	124	371	156	1,814	257	684	194	2,918	443	1,045
Colo.....	826	6,802	852	383	1,041	12,051	1,572	619	1,206	17,495	2,492	933
N. Mex.....	342	2,437	296	290	419	4,033	484	423	485	6,328	824	680
Ariz.....	645	5,362	669	373	845	8,893	1,085	491	1,008	13,478	1,807	768
Utah.....	358	2,694	307	298	440	4,690	521	433	507	7,025	848	649
Nev.....	208	1,932	269	545	273	3,086	423	717	341	5,025	795	1,205
<b>Pac.</b> .....	<b>9,989</b>	<b>89,822</b>	<b>11,544</b>	<b>434</b>	<b>11,543</b>	<b>139,264</b>	<b>17,939</b>	<b>635</b>	<b>13,043</b>	<b>199,163</b>	<b>28,633</b>	<b>960</b>
Wash.....	1,228	10,594	1,380	404	1,443	17,557	2,408	677	1,680	25,328	3,879	1,028
Oreg.....	771	6,215	791	376	925	10,166	1,267	555	1,069	15,113	2,107	862
Calif.....	7,588	69,155	8,844	442	8,661	104,481	13,240	625	9,717	149,366	21,244	953
Alaska.....	100	1,056	150	494	155	2,791	473	1,296	175	3,394	585	1,451
Hawaii.....	302	2,802	379	490	359	4,269	551	835	403	5,962	819	913
<b>Other</b> <sup>1</sup> .....	<b>401</b>	<b>2,718</b>	<b>298</b>	<b>183</b>	<b>502</b>	<b>4,781</b>	<b>439</b>	<b>(NA)</b>	<b>629</b>	<b>7,687</b>	<b>784</b>	<b>(NA)</b>

NA Not available. <sup>1</sup> Returns with addresses outside the United States.

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

# **NO. 457. INDIVIDUAL INCOME TAX RETURNS WITH ITEMIZED DEDUCTIONS, BY ADJUSTED GROSS INCOME CLASSES: 1978**

[See headnote, table 449]

ADJUSTED GROSS INCOME CLASS	Returns with itemized deductions (1,000)	Ad-justed gross in-come (bil. dol.)	Tax-able in-come (bil. dol.)	ITEMIZED DEDUCTIONS							Medi-cal and dental ex-penses (bil. dol.)
				Total itemized deductions (bil. dol.) <sup>1</sup>	Percent of—		Taxes (bil. dol.)	Interest paid (bil. dol.)		Con-tributions (bil. dol.)	
					Ad-justed gross in-come	Tax-able in-come		Total	Home mortgage		
Total.....	25,775	708.9	559.3	163.8	23.1	29.3	59.5	60.2	39.2	19.7	12.2
Taxable returns.....	24,650	697.7	554.7	156.2	22.4	28.2	58.0	57.5	37.4	19.0	10.3
Under \$4,000.....	156	.4	.5	.1	26.9	20.0	(2)	(2)	(2)	(2)	(2)
\$4,000—\$5,999.....	148	.8	.6	.3	41.9	52.8	.1	.1	(2)	(2)	.1
\$6,000—\$9,999.....	967	8.2	5.7	3.4	41.4	59.5	1.0	1.0	.7	.4	.7
\$10,000—\$13,999.....	1,991	24.2	17.4	8.2	34.0	47.4	2.4	3.0	2.0	.9	1.3
\$14,000—\$19,999.....	5,133	88.6	66.9	24.5	27.7	36.6	7.8	9.9	6.9	2.5	2.4
\$20,000—\$24,999.....	5,113	114.8	89.9	27.3	23.8	30.3	9.5	11.1	7.7	2.7	1.9
\$25,000—\$49,999.....	9,436	310.2	250.9	63.9	20.6	25.5	25.4	23.9	16.1	7.0	3.1
\$50,000 and over.....	1,705	150.6	122.8	28.5	18.9	23.2	11.8	8.4	4.0	5.4	.7
Nontaxable returns.....	1,125	11.2	4.8	7.6	68.3	165.5	1.5	2.7	1.8	.7	1.9

Z Less than \$50 million.

<sup>1</sup> Includes others not shown separately.

# **NO. 458. FEDERAL INDIVIDUAL INCOME TAX RETURNS—ADJUSTED GROSS INCOME, BY SOURCE OF INCOME AND INCOME CLASS: 1978**

[In millions of dollars, except percent. Minus sign (–) denotes that net loss was greater than net income. See headnote, table 449]

ITEM	Total income <sup>1</sup>	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS						
		Total <sup>2</sup>	Under \$10,000 <sup>2</sup>	\$10,000–\$24,999	\$25,000–\$49,999	\$50,000–\$99,999	\$100,000–\$199,999	\$200,000 and over
SOURCE OF INCOME								
Adjusted gross income .....	1,304,189	1,242,437	142,733	558,242	383,387	95,267	37,349	25,459
Salaries, gross.....	1,092,017	1,040,341	121,608	498,632	328,319	61,516	20,904	9,362
Percent of gross income.....	83.7	83.7	85.2	89.3	85.6	64.6	56.0	36.8
Interest.....	60,947	54,757	9,353	21,280	14,834	5,647	2,292	1,551
Business profession, net .....	53,328	49,931	2,708	14,160	17,064	11,182	3,204	1,614
Dividends.....	30,170	28,992	1,876	5,432	6,566	5,503	3,980	5,635
Pensions and annuities <sup>3</sup> .....	32,884	29,091	6,578	14,622	6,391	1,156	242	103
Sales of capital assets, <sup>4</sup> net.....	23,288	21,824	1,295	4,357	5,708	3,930	2,587	3,947
Partnership, net.....	15,407	15,536	– 79	2,574	4,322	4,741	2,607	1,371
Farm, net.....	3,809	4,550	34	1,095	2,513	854	123	– 68
Rents and royalties, net.....	5,834	5,736	584	974	1,234	1,268	877	799
Other sources, <sup>5</sup> net.....	–13,495	–8,321	–1,224	–4,884	–3,364	–530	533	1,145
PERCENT DISTRIBUTION								
Income tax returns .....	100.0	76.5	23.9	37.4	13.2	1.6	.3	.1
Adjusted gross income .....	100.0	95.3	10.9	42.8	29.4	7.3	2.9	2.0
Salaries, gross.....	100.0	95.3	11.1	45.7	30.1	5.6	1.9	.9
Interest.....	100.0	89.9	15.4	34.9	24.0	9.3	3.8	2.5
Business profession, net .....	100.0	93.7	5.1	26.6	32.0	21.0	6.0	3.0
Dividends.....	100.0	96.1	6.2	18.0	21.8	18.2	13.2	18.7
Pensions and annuities <sup>3</sup> .....	100.0	88.4	20.0	44.5	19.4	3.5	.7	.3
Sales of capital assets, <sup>4</sup> net.....	100.0	93.7	5.6	18.7	24.5	16.9	11.1	16.9
Partnership, net.....	100.0	100.9	– 5	16.7	28.1	30.8	16.9	8.9
Farm, net.....	100.0	119.4	.9	28.7	66.0	22.4	3.2	– 1.8
Rents and royalties, net.....	100.0	98.3	10.0	16.7	21.2	21.7	15.0	13.7

<sup>1</sup> Includes returns with no adjusted gross income. <sup>2</sup> Includes a small number of taxable returns with no adjusted gross income. <sup>3</sup> Taxable portion. <sup>4</sup> Includes net sales of property other than capital assets (\$1,247 mil. in 1978).

<sup>5</sup> Includes statutory adjustments.

Source of tables 457 and 458: U.S. Internal Revenue Service, Preliminary Report, *Statistics of Income, 1978, Individual Income Tax Returns*.

# NO. 459. FEDERAL INDIVIDUAL INCOME AND EMPLOYMENT TAX RECEIPTS—STATES: 1977 TO 1979

[For years 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 <sup>1</sup>			STATE	TAX RECEIPTS (mil. dol.)			PERCENT OF PERSONAL INCOME <sup>1</sup>		
	1977	1978	1979	1977	1978	1979		1977	1978	1979	1977	1978	1979
<b>Total <sup>2</sup></b>	<b>272,832</b>	<b>310,350</b>	<b>364,396</b>	<b>17.9</b>	<b>18.2</b>	<b>19.0</b>	<b>S.A.—Con.</b>						
<b>N.E.</b>	<b>17,089</b>	<b>17,086</b>	<b>19,909</b>	<b>19.5</b>	<b>17.6</b>	<b>18.4</b>	W. Va.	1,190	1,323	1,525	10.7	10.7	10.9
Maine	766	834	989	12.2	12.1	12.5	N.C.	4,457	5,010	5,933	13.6	13.5	14.4
N.H.	719	868	1,042	12.7	13.5	14.3	S.C.	1,818	2,163	2,561	11.2	11.8	12.4
Vt.	393	340	441	11.9	10.6	12.3	Ga.	4,003	4,898	5,725	13.1	14.2	14.9
Mass.	6,950	7,762	9,085	16.7	17.0	17.8	Fla.	8,922	8,843	10,884	15.7	13.6	14.4
R.I.	1,023	1,338	1,487	16.2	19.2	19.4	<b>E.S.C.</b>	<b>13,922</b>	<b>11,083</b>	<b>12,979</b>	<b>17.7</b>	<b>12.5</b>	<b>13.1</b>
Conn.	7,308	5,944	6,904	29.2	21.5	22.3	Ky.	2,426	2,844	3,312	11.7	12.3	12.8
<b>M.A.</b>	<b>57,931</b>	<b>65,510</b>	<b>73,334</b>	<b>21.1</b>	<b>21.6</b>	<b>22.1</b>	Tenn.	7,877	3,992	4,691	31.3	14.0	14.7
N.Y.	26,821	35,132	38,978	20.1	24.1	24.3	Ala.	2,504	2,983	3,466	12.0	12.6	13.2
N.J.	16,996	11,476	13,659	29.2	17.8	19.2	Miss.	1,115	1,264	1,509	9.3	9.4	10.1
Pa.	14,114	18,602	20,697	17.1	20.4	20.6	<b>W.S.C.</b>	<b>23,129</b>	<b>26,316</b>	<b>32,731</b>	<b>16.3</b>	<b>16.3</b>	<b>17.8</b>
<b>E.N.C.</b>	<b>62,494</b>	<b>70,859</b>	<b>83,006</b>	<b>20.5</b>	<b>20.9</b>	<b>22.0</b>	Ark.	1,248	1,441	1,677	10.7	10.8	11.3
Ohio	15,523	17,782	21,535	20.4	21.1	22.9	La.	3,075	3,876	4,557	13.1	14.5	15.2
Ind.	4,932	7,292	8,273	13.3	17.6	17.6	Okl.	2,487	3,122	3,742	13.8	15.2	15.7
Ill.	26,269	23,186	25,599	29.1	23.3	23.2	Tex.	16,319	17,877	22,755	18.5	17.7	19.7
Mich.	10,994	16,810	20,815	15.8	21.6	24.4	<b>Mt.</b>	<b>9,860</b>	<b>12,441</b>	<b>14,856</b>	<b>13.0</b>	<b>16.1</b>	<b>16.9</b>
Wis.	4,776	5,789	6,784	15.2	16.4	17.1	Mont.	558	622	726	12.2	11.5	12.5
<b>W.N.C.</b>	<b>19,538</b>	<b>23,444</b>	<b>27,897</b>	<b>17.1</b>	<b>18.1</b>	<b>19.3</b>	Idaho	799	996	1,137	15.1	16.0	16.9
Minn.	5,911	6,891	8,261	21.0	21.8	23.2	Wyo.	348	430	529	11.3	11.7	12.2
Iowa	2,618	2,860	3,354	13.2	12.6	13.5	Colo.	2,693	5,016	5,911	14.2	23.1	23.8
Mo.	6,270	7,900	9,315	19.8	22.3	23.5	N. Mex.	740	926	1,095	10.6	11.6	12.1
N. Dak.	538	561	673	14.0	11.8	13.2	Ariz.	1,787	2,293	2,817	12.0	13.2	13.8
S. Dak.	464	499	589	11.5	11.0	11.7	Utah.	960	1,183	1,387	12.8	13.5	14.1
Neb.	1,676	2,007	2,472	16.1	17.0	18.8	Nev.	764	995	1,254	15.0	16.0	17.5
Kans.	2,059	2,726	3,233	12.7	14.8	15.1	<b>Pac.</b>	<b>39,625</b>	<b>43,361</b>	<b>51,801</b>	<b>17.2</b>	<b>16.5</b>	<b>17.4</b>
<b>S.A.</b>	<b>33,861</b>	<b>37,932</b>	<b>44,981</b>	<b>15.1</b>	<b>15.0</b>	<b>15.8</b>	Wash.	4,120	5,095	6,367	14.8	15.8	17.2
Del.	1,154	1,367	1,555	25.9	27.5	28.0	Oreg.	3,883	3,180	3,669	22.6	16.1	17.3
Md. and D.C.	8,109	9,410	10,960	21.6	22.9	24.3	Calif.	29,956	33,344	39,606	17.1	16.8	17.6
Va.	4,208	4,918	5,838	11.9	12.4	13.1	Alaska	735	710	737	17.0	16.3	16.1
							Hawaii	931	1,032	1,221	13.8	13.8	14.4

<sup>1</sup> See table for base data. <sup>2</sup> Includes Puerto Rico, international operations, and unallocated receipts and credits. Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner*.

# NO. 460. FEDERAL INDIVIDUAL INCOME TAX RETURNS—SALES OF CAPITAL ASSETS REPORTED: 1973

[Includes tax returns of citizens and resident aliens; based on a sample of returns as filed and unaudited]

ASSET TYPE	Re- turns with sale of speci- fied type <sup>1</sup> (1,000)	TRANSACTIONS <sup>2</sup> (1,000)		TRANSACTION DETAIL <sup>2</sup> (mil. dol.)			
		Gain	Loss	Gross sales price	Cost and ex- pense of sale	Gross gain	Gross loss
<b>Total</b>	<b>7,373</b>	<b>12,492</b>	<b>7,848</b>	<b>170,187</b>	<b>128,203</b>	<b>50,552</b>	<b>15,405</b>
Corporate stock:							
Short term (under 6 mo.)	759	1,008	1,312	11,193	11,668	682	1,191
Long term (6 mo. or more)	2,320	2,909	3,891	37,681	30,572	12,508	6,798
Other securities <sup>3</sup>	226	187	277	7,344	7,644	183	450
Capital gain distributions <sup>4</sup>	1,307	1,316	104	(x)	(x)	1,200	117
Share of capital gain (loss) from partnerships and fiduciaries	735	587	379	(x)	(x)	3,875	1,102
Assets used in trade or business <sup>5</sup>	143	77	93	2,008	2,524	382	168
Livestock	545	795	87	2,050	466	1,706	34
Real estate <sup>6</sup>	1,567	1,597	124	47,179	35,415	11,850	253

X Not applicable. <sup>1</sup> Includes duplication because returns may have reported more than one asset type. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Includes U.S. Government obligations; State and local Govt. obligations; and other bonds, notes, and debentures. <sup>4</sup> Excludes capital gain distributions not required to be listed on the capital asset transaction schedules. <sup>5</sup> Excludes qualified gains on nonfarm depreciable business and personal property, except certain buildings. <sup>6</sup> Includes personal residences, nonbusiness real estate, qualified gains and other depreciable real property, including certain buildings; farmland with unharvested crops, and other farmland. Excludes real estate dividend.

Source: U.S. Internal Revenue Service, *Statistics of Income Supplemental Report, Sales of Capital Assets Reported on 1973 Individual Income Tax Returns*.

## NO. 461. CORPORATION INCOME TAX RETURNS—SUMMARY: 1960 TO 1977

[Estimates based on samples; see Appendix III. All data based on returns for periods ending between July 1 of year shown and July 1 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. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977, prel.
Number of returns.....	1,000.....	1,188	1,490	1,747	1,890	1,981	2,043	2,100	2,159	2,324
Active corporations.....	1,000.....	1,141	1,424	1,665	1,813	1,905	1,966	2,024	2,082	2,241
With net income.....	1,000.....	670	915	1,008	1,140	1,203	1,207	1,226	1,274	1,431
Without net income.....	1,000.....	470	509	657	673	702	759	797	809	811
Inactive corporations.....	1,000.....	47	66	82	74	76	77	76	77	83
Total receipts, all returns <sup>1</sup> .....	Bil. dol.....	849	1,195	1,751	2,171	2,558	3,090	3,199	3,635	4,103
Total deductions.....	Bil. dol.....	805	1,120	1,683	2,072	2,435	2,942	3,053	3,449	3,883
Net income.....	Bil. dol.....	50	81	84	113	138	171	169	210	244
Net income less deficit <sup>2</sup> .....	Bil. dol.....	44	74	66	97	120	146	143	185	219
Income subject to tax.....	Bil. dol.....	42	71	72	95	116	144	147	183	213
Income tax, total.....	Bil. dol.....	23	32	33	43	52	66	66	83	96
Foreign tax credit.....	Bil. dol.....	1	3	5	6	10	21	20	24	26
Investment credit.....	Bil. dol.....	(X)	2	1	3	4	4	6	9	11
Tax after credits <sup>3</sup> .....	Bil. dol.....	22	30	32	40	49	62	60	73	83

X Not applicable. <sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Tax liability is before deduction for foreign tax credit. Beginning 1965, data are after investment credit, beginning 1972, after work incentive (WIN) credit, beginning 1976, after U.S. possessions tax credit, and beginning 1977, after new jobs 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 and beginning 1976 includes tax credit for outlying areas.

## NO. 462. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS, BY ASSET-SIZE CLASS: 1970 TO 1977

[See headnote, table 461. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196]

ASSET SIZE CLASS	Number of returns <sup>1</sup> (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX <sup>2</sup> (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
<b>1970: Total.....</b>	<b>1,665</b>	<b>1,750.7</b>	<b>72.4</b>	<b>33.3</b>	<b>27.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$500,000 <sup>3</sup> .....	1,467	321.8	7.7	2.4	2.3	88.1	18.4	8.2
\$500,000-\$999,999.....	93	117.8	3.0	1.2	1.2	5.6	6.7	4.3
\$1,000,000-\$4,999,999.....	74	214.2	7.0	3.2	3.1	4.4	12.2	11.1
\$5,000,000-\$9,999,999.....	13	77.8	2.9	1.4	1.4	.8	4.4	5.0
\$10,000,000-\$49,999,999.....	14	158.6	6.7	3.2	3.0	.8	9.1	10.8
\$50,000,000-\$99,999,999.....	2	73.4	3.1	1.5	1.4	.1	4.2	5.0
\$100,000,000 and over.....	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
<b>1975: Total.....</b>	<b>2,024</b>	<b>3,198.6</b>	<b>146.6</b>	<b>66.1</b>	<b>39.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$500,000 <sup>3</sup> .....	1,760	434.1	10.1	2.6	2.3	87.0	13.6	5.8
\$500,000-\$999,999.....	123	181.9	4.7	1.6	1.5	6.1	5.7	3.8
\$1,000,000-\$4,999,999.....	101	384.7	12.0	5.1	4.7	5.0	12.0	11.8
\$5,000,000-\$9,999,999.....	15	131.9	5.1	2.3	2.2	.7	4.1	5.6
\$10,000,000-\$49,999,999.....	18	281.9	11.8	5.5	5.0	.9	8.8	12.6
\$50,000,000-\$99,999,999.....	3	140.5	5.4	2.6	2.2	.1	4.4	5.6
\$100,000,000 and over.....	4	1,843.8	97.3	46.4	21.8	.2	51.4	54.2
<b>1976: Total.....</b>	<b>2,082</b>	<b>3,635.5</b>	<b>183.5</b>	<b>83.3</b>	<b>49.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$500,000 <sup>3</sup> .....	1,799	474.6	10.8	2.8	2.3	86.4	13.1	4.8
\$500,000-\$999,999.....	130	200.8	5.0	1.7	1.5	6.2	5.5	3.0
\$1,000,000-\$4,999,999.....	111	443.2	13.3	5.6	5.1	5.3	12.2	10.2
\$5,000,000-\$9,999,999.....	16	152.4	5.9	2.7	2.4	.8	4.2	4.8
\$10,000,000-\$49,999,999.....	19	313.0	14.0	6.5	5.7	.9	8.6	11.4
\$50,000,000-\$99,999,999.....	3	145.6	6.2	2.9	2.5	.2	4.0	5.0
\$100,000,000 and over.....	4	1,905.9	128.3	61.1	30.3	.2	52.4	60.8
<b>1977: Total (prel.).....</b>	<b>2,241</b>	<b>4,102.9</b>						
Under \$500,000 <sup>3</sup> .....	1,925	513.3		96.4		100.0	100.0	
\$500,000-\$999,999.....	144	221.7		3.5		85.9	12.5	
\$1,000,000-\$4,999,999.....	126	514.9		2.0		6.4	5.4	
\$5,000,000-\$9,999,999.....	18	174.1	(NA)	6.6	(NA)	5.6	12.5	(NA)
\$10,000,000-\$49,999,999.....	20	343.1		3.1		.8	4.2	
\$50,000,000-\$99,999,999.....	4	166.1		7.3		.9	8.4	
\$100,000,000 and over.....	4	2,169.7		3.5		.2	4.1	
				70.4		.2	52.9	

NA Not available. <sup>1</sup> Active corporations. <sup>2</sup> Before (after) deduction for foreign tax credit, investment credit, for 1975, work incentive (WIN) credit, for 1976, U.S. possessions tax credit, and, for 1977, new jobs credit. Includes tax from recomputing prior year investment credit and, for 1970-1976, additional tax for tax preferences. For 1975, includes tax from recomputing prior year work incentive (WIN) credit. <sup>3</sup> Includes corporations with zero assets. <sup>4</sup> Excludes tax preference items upon which additional tax for tax preferences is based.

Source of tables 461 and 462: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

## NO. 463. PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1900 TO 1979

[Through 1976, as of June 30 except as noted; beginning 1977, as of Sept. 30. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total <sup>1</sup> (bil. dol.)	Average annual percent change <sup>2</sup>	Per cap- ita <sup>3</sup> (dol.)	Total (bil. dol.)	Percent of Federal out- lays <sup>4</sup>		Total <sup>1</sup> (bil. dol.)	Average annual percent change <sup>2</sup>	Per cap- ita <sup>3</sup> (dol.)	Total (bil. dol.)	Percent of Federal out- lays <sup>4</sup>
1900.....	1.3	2.9	\$17	(z)	7.7	1965.....	313.8	1.9	1,613	11.3	9.5
1905.....	1.1	-2.2	14	(z)	4.3	1966.....	316.1	.7	1,605	12.0	8.9
1910.....	1.1	.3	12	(z)	3.1	1967.....	322.9	2.2	1,622	13.4	8.5
1915.....	1.2	.8	12	(z)	3.0	1968.....	345.4	7.0	1,717	14.6	8.2
1920.....	24.3	80.0	228	1.0	15.9	1969.....	352.9	2.2	1,737	16.6	9.0
1925.....	20.5	-3.3	177	.9	28.8	1970.....	370.1	4.9	1,807	19.3	9.8
1930.....	16.2	-4.6	132	.7	19.2	1971.....	397.3	7.4	1,919	21.0	9.9
1935.....	28.7	12.1	226	.8	12.6	1972.....	426.4	7.3	2,042	21.8	9.4
1940.....	43.0	8.4	325	1.0	11.5	1973.....	457.3	7.2	2,174	24.2	9.8
1945.....	258.7	43.0	1,849	3.6	3.7	1974.....	474.2	3.7	2,238	29.3	10.9
1950.....	256.1	-.1	1,688	5.7	14.5	1975.....	533.2	12.4	2,496	32.7	10.1
1955.....	272.8	1.3	1,651	6.4	9.3	1976.....	620.4	16.4	2,884	37.1	10.1
1960.....	284.1	.9	1,572	9.2	10.0	1976.....	<sup>5</sup> 634.7	(x)	<sup>5</sup> 2,951	8.1	8.6
1961.....	286.4	.9	1,559	9.0	9.2	1977.....	698.8	10.1	3,216	41.9	10.4
1962.....	295.4	3.1	1,582	9.1	8.5	1978.....	771.5	10.4	3,522	48.7	10.8
1963.....	302.7	2.5	1,598	9.9	8.9	1979.....	828.5	7.1	3,740	59.8	12.1
1964.....	308.1	1.8	1,604	10.7	9.0						

X Not applicable. Z Less than \$50 million. <sup>1</sup> Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, and 1962 through 1974.

<sup>2</sup> From preceding year shown; for 1900, from 1895. Minus sign (-) denotes decrease. <sup>3</sup> Based on estimated July 1 population; prior to 1960, excludes Alaska and Hawaii. <sup>4</sup> 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. <sup>5</sup> As of 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. 464. FEDERAL GOVERNMENT INTEREST-BEARING PUBLIC DEBT: 1960 TO 1979

[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	1975	1977	1978	1979	PERCENT OF TOTAL					
	1960	1965	1970	1975	1977	1978	1979	1960	1965	1970	1975	1978	1979
Total .....	283.2	313.1	369.0	532.1	697.6	767.0	819.0	100.0	100.0	100.0	100.0	100.0	100.0
Computed interest rate .....	3.30	3.68	5.56	6.35	6.42	7.13	8.06	(x)	(x)	(x)	(x)	(x)	(x)
Marketable <sup>1</sup> .....	183.8	208.7	232.6	315.6	443.5	485.2	506.7	64.9	66.7	63.0	59.3	63.3	61.9
Bills .....	33.4	53.7	76.2	128.6	156.1	160.9	161.4	11.8	17.1	20.6	24.2	21.0	19.7
Notes .....	51.5	52.5	93.5	150.2	241.7	267.9	274.2	18.2	16.8	25.3	28.2	34.9	33.5
Treasury bonds <sup>2</sup> .....	81.2	102.5	63.0	36.8	45.7	56.4	71.1	28.7	32.7	17.1	6.9	7.4	8.7
Nonmarketable .....	99.4	104.5	136.4	216.5	254.1	281.8	312.3	35.1	33.4	37.0	40.7	36.7	38.1
U.S. savings bonds .....	47.5	50.0	51.3	65.4	75.4	79.8	80.4	16.8	16.0	13.9	12.3	10.4	9.8
Treasury bonds, other <sup>3</sup> .....	7.0	5.8	8.8	26.9	38.6	48.7	55.5	2.5	1.8	2.3	5.1	6.3	6.8
Govt. account series <sup>4</sup> .....	44.9	48.7	76.3	124.2	140.1	153.3	176.4	15.9	15.5	20.7	23.3	20.0	21.5
Marketable debt, by maturity:													
Within 1 year .....	70.5	87.6	105.5	163.9	217.9	225.4	246.7	24.9	28.0	28.6	30.8	29.4	30.1
1-5 years .....	72.8	56.2	89.6	101.9	148.4	188.5	157.3	25.7	17.9	24.3	19.2	22.0	19.2
5-10 years .....	20.2	39.2	15.9	26.8	45.9	49.3	45.5	7.1	12.5	4.3	5.0	6.4	5.6
10-20 years .....	12.6	8.5	10.5	14.5	13.0	16.6	26.2	4.4	2.7	2.8	2.7	2.2	3.2
20 years and over .....	7.7	17.2	11.0	8.4	18.3	25.4	30.9	2.7	5.5	3.0	1.6	3.3	3.8
Avg. length, yr.-mo .....	4-4	5-4	3-8	3-0	3-2	3-6	3-11	(x)	(x)	(x)	(x)	(x)	(x)

X Not applicable.

<sup>1</sup> For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately. <sup>2</sup> Bank eligible bonds. <sup>3</sup> 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.

<sup>4</sup> 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. 465. INTEREST-BEARING GOVERNMENT SECURITIES OUTSTANDING: 1960 TO 1979

[In billions of dollars, except percent. 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 1960 not strictly comparable with later years]

TYPE OF SECURITY	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> .....	<b>358</b>	<b>420</b>	<b>521</b>	<b>582</b>	<b>605</b>	<b>651</b>	<b>686</b>	<b>756</b>	<b>864</b>	<b>966</b>	<b>1,063</b>	<b>1,134</b>
Tax exempt <sup>1</sup> .....	68	97	139	154	169	183	201	213	234	258	287	308
Percent of total.....	18.9	23.1	26.7	27.4	27.9	28.1	29.3	28.2	27.1	26.7	27.0	27.2
Taxable <sup>2</sup> .....	245	274	306	325	346	366	370	419	499	568	623	650
Government account series <sup>3</sup> .....	45	49	76	83	90	102	115	124	131	140	153	176
By issuer:												
U.S. Treasury.....	283	313	369	396	425	456	473	532	619	698	767	819
Government agencies <sup>4</sup> .....	8	9	13	12	11	11	12	11	11	10	9	7
State and local govts <sup>1 5</sup> .....	68	97	139	154	169	183	201	213	234	258	287	308

<sup>1</sup> Source: Board of Governors, Federal Reserve System. <sup>2</sup> Interest is subject to both normal and surtax rates of Federal income tax. <sup>3</sup> Prior to July 1, 1974, known as U.S. Treasury special issues. <sup>4</sup> 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. <sup>5</sup> Wholly tax-exempt. Includes Industrial Pollution Control Bonds.

## No. 466. ESTIMATED OWNERSHIP OF FEDERAL SECURITIES: 1960 TO 1979

[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 465.]

OWNERSHIP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total outstanding <sup>1</sup></b> .....	<b>290.9</b>	<b>323.1</b>	<b>382.6</b>	<b>468.4</b>	<b>486.2</b>	<b>544.1</b>	<b>631.4</b>	<b>709.1</b>	<b>780.4</b>	<b>833.8</b>
Commercial banks <sup>2</sup> .....	56.1	60.7	54.8	60.7	55.6	70.9	94.4	101.5	96.3	93.2
Federal Reserve banks.....	26.5	39.1	57.7	75.2	80.7	84.9	94.7	105.0	115.5	115.6
U.S. Govt. accounts.....	53.7	61.6	97.8	125.4	140.2	147.3	151.6	157.3	169.5	189.2
Private nonbank investors.....	154.6	161.8	172.4	207.2	209.8	241.0	290.7	345.3	398.8	435.8
Individuals <sup>3</sup> .....	71.5	72.6	83.2	76.8	81.7	88.1	97.2	104.3	109.8	113.6
Insurance companies.....	12.3	11.1	8.0	6.9	6.3	7.5	11.0	14.8	15.5	15.0
Mutual savings banks.....	7.1	6.2	3.7	4.0	3.0	4.0	5.8	6.6	6.0	5.3
Corporations <sup>4</sup> .....	20.9	15.9	8.9	10.0	11.3	13.6	24.7	23.9	21.7	24.2
State and local govts.....	19.9	26.4	32.8	32.0	32.1	35.2	43.0	56.0	70.4	70.2
Other <sup>1 5</sup> .....	22.9	29.6	36.0	77.5	75.4	92.7	109.0	139.7	175.7	207.5
<b>Percent distribution</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Commercial banks <sup>2</sup> .....	19.3	18.8	14.3	13.0	11.4	13.1	15.0	14.3	12.5	11.2
Federal Reserve banks.....	9.1	12.1	15.0	16.0	16.6	15.6	15.0	14.8	14.8	13.9
U.S. Govt. accounts.....	18.5	19.1	25.6	26.8	28.8	27.1	24.0	22.2	21.7	22.7
Private nonbank investors.....	53.1	50.0	45.1	44.2	43.2	44.2	46.0	48.7	51.1	52.3
Individuals <sup>3</sup> .....	24.6	22.5	21.7	16.4	16.8	16.1	15.4	14.7	14.1	13.6
Insurance companies.....	4.2	3.4	2.1	1.5	1.3	1.4	1.7	2.1	2.0	1.8
Mutual savings banks.....	2.4	1.9	1.0	.9	.6	.7	.9	.9	.8	.6
Corporations <sup>4</sup> .....	7.2	4.9	2.3	2.1	2.3	2.5	3.9	3.4	2.8	2.9
State and local govts.....	6.8	8.1	8.6	6.8	6.6	6.1	6.8	7.9	9.0	8.4
Other <sup>1 5</sup> .....	7.9	9.2	8.4	16.5	15.7	17.4	17.3	19.7	22.5	24.9

<sup>1</sup> Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions.

<sup>2</sup> Consists of commercial banks, trust companies, and stock savings banks in U.S. and outlying areas.

<sup>3</sup> Includes partnerships and personal trust accounts. <sup>4</sup> Excludes banks and insurance companies.

<sup>5</sup> 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 465 and 466: 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. 467. U.S. SAVINGS BONDS: 1960 TO 1979

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

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Amounts outstanding <sup>1</sup> .....	47.2	50.3	51.8	57.6	60.3	63.3	67.5	71.9	76.6	80.5	80.0
Funds from sales.....	4.4	4.5	4.7	6.2	6.3	6.9	7.0	7.6	8.0	8.0	7.0
Accrued discounts.....	1.3	1.5	1.0	2.4	2.7	3.0	3.4	3.6	3.9	4.2	4.3
Redemptions <sup>2</sup> .....	6.7	5.4	6.3	5.4	6.2	6.8	6.3	6.8	7.1	8.2	12.3
Percent of total outstanding.....	14.2	10.7	12.2	9.4	10.3	10.7	9.3	9.5	9.3	10.2	15.4

<sup>1</sup> Interest-bearing debt only for amounts end of period or end of year. <sup>2</sup> Matured and unmatured bonds.

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

## NO. 468. FEDERAL CIVILIAN EMPLOYMENT AND ANNUAL PAYROLLS, BY BRANCH: 1955 TO 1979

[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 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 data as of June 30]

BRANCH OF GOVERNMENT	1955	1960	1965	1970	1975	1976	1977	1978	1979
<b>Employment, total <sup>1</sup>(1,000)</b> .....	<b>2,402</b>	<b>2,430</b>	<b>2,539</b>	<b>2,928</b>	<b>2,882</b>	<b>2,879</b>	<b>2,855</b>	<b>2,875</b>	<b>2,897</b>
Percent of all U.S. employed <sup>3</sup> .....	3.9	3.7	3.6	3.7	3.1	3.0	3.2	3.0	3.0
Executive <sup>1</sup> (1,000).....	2,376	2,403	2,507	2,891	2,834	2,831	2,804	2,822	2,844
Rate per 1,000 population.....	14.3	13.1	12.8	14.1	13.3	13.2	12.9	12.9	12.9
Legislative (1,000).....	22	23	25	30	37	38	39	40	40
Judicial (1,000).....	4	5	6	7	10	11	12	13	13
<b>Payrolls, total <sup>1</sup> (mil. dol.)</b> .....	<b>10,295</b>	<b>13,243</b>	<b>18,020</b>	<b>28,562</b>	<b>40,699</b>	<b>42,259</b>	<b>45,695</b>	<b>49,921</b>	<b>53,590</b>
Percent of total Federal outlays.....	15.0	14.4	15.2	14.5	12.6	11.5	11.4	11.1	10.9
Executive <sup>1</sup> (mil. dol.).....	10,146	13,052	17,746	28,117	39,944	41,450	44,976	48,899	52,513
Legislative (mil. dol.).....	122	154	216	353	569	631	700	771	817
Judicial (mil. dol.).....	26	36	58	92	166	179	219	251	260

<sup>1</sup> Includes Postal Service Christmas help.

<sup>2</sup> Includes 36,417 temporary census workers in 1960; 33,000 in 1970.

<sup>3</sup> Civilian only. See table 655.

## NO. 469. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1960 TO 1979

[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 <sup>1</sup>			
	1960	1965	1970	1975	1976	1977	1978	1979	1965	1970	1975	1979
<b>Paid employment</b> .....	<b>2,213</b>	<b>2,403</b>	<b>2,645</b>	<b>2,741</b>	<b>2,725</b>	<b>2,724</b>	<b>2,752</b>	<b>2,763</b>	<b>275</b>	<b>316</b>	<b>349</b>	<b>361</b>
Male.....	1,668	1,813	1,931	1,898	1,867	1,846	1,846	1,826	165	180	208	203
Female.....	545	590	714	845	858	878	904	937	110	136	143	158
Full-time.....	2,084	2,267	2,516	2,498	2,464	2,463	2,479	2,489	268	308	333	339
Other.....	129	136	129	245	261	261	273	275	7	8	16	22
Competitive service <sup>2</sup> .....	2,041	2,201	2,393	1,714	1,715	1,706	1,748	1,540	231	262	257	236
Career.....	1,676	1,788	1,991	1,300	1,322	1,361	1,390	1,219	173	198	191	185
Career-conditional.....	251	298	290	354	335	289	303	268	49	53	55	42
Temporary <sup>3</sup> .....	114	115	112	60	58	56	55	55	9	11	11	9
Excepted service <sup>2</sup> <sup>4</sup> .....	172	202	252	1,027	1,010	1,018	1,005	1,224	44	54	91	125
Permanent.....	100	112	164	863	858	846	852	1,064	32	38	71	104
Other.....	72	90	88	164	152	172	153	159	12	16	20	21
White-collar.....	1,639	1,850	2,113	2,255	2,254	2,256	2,284	2,300	237	278	314	329
Blue-collar.....	574	553	532	486	471	468	468	463	38	38	35	32

<sup>1</sup> See footnote 3, table 471. <sup>2</sup> In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. <sup>3</sup> Includes "indefinite."

<sup>4</sup> Excepted from competitive requirements of Civil Service Act.

## NO. 470. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1965 TO 1979

[In thousands, except rate. For years ending June 30 through 1975; thereafter as of Sept. 30. Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES						WASHINGTON, D.C., SMSA <sup>1</sup>			
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1979
<b>Accessions, total</b> .....	<b>480.4</b>	<b>560.7</b>	<b>601.2</b>	<b>608.2</b>	<b>651.3</b>	<b>663.8</b>	<b>59.5</b>	<b>64.5</b>	<b>74.5</b>	<b>77.4</b>
Monthly rate <sup>2</sup> .....	1.7	1.7	1.9	1.9	2.0	2.0	1.9	1.8	1.9	1.8
<b>Separations, total</b> .....	<b>445.5</b>	<b>641.1</b>	<b>588.9</b>	<b>609.2</b>	<b>632.4</b>	<b>654.9</b>	<b>51.0</b>	<b>69.5</b>	<b>69.3</b>	<b>77.1</b>
Monthly rate <sup>2</sup> .....	1.6	2.0	1.8	1.9	1.9	2.0	1.6	1.9	1.8	1.8
Quit <sup>3</sup> .....	192.1	311.5	213.2	204.7	223.2	243.1	31.8	38.8	28.6	33.9
Reduction in force <sup>4</sup> .....	16.1	17.5	10.4	49.4	50.0	50.3	.2	.6	1.1	2.7
Discharge <sup>4</sup> <sup>5</sup> .....	8.9	19.7	17.2	19.0	19.2	19.3	.8	2.0	1.8	1.9
Other <sup>4</sup> <sup>6</sup> .....	228.4	292.3	348.1	336.1	340.1	342.1	18.2	28.1	36.8	38.6

<sup>1</sup> See footnote 3, table 471. <sup>2</sup> Per 100 employees.

<sup>3</sup> Represents resignation, transfer to other Federal agency, and abandonment of position.

<sup>4</sup> Beginning 1970, partially estimated. <sup>5</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. <sup>6</sup> 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 of tables 468-470: U.S. Office of Personnel Management, *Annual Report; Monthly Release of Federal Civilian Work Force Statistics*; and unpublished data.

# NO. 471. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—STATES AND OTHER AREAS: 1960 TO 1978

[As of December 31. Excludes members and employees of Congress, 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, 1978 <sup>1</sup> (1,000)			
	1960	1965	1970	1975	1977	1978	1970	1975	1978	Dept. of De- fense	Postal Service	Veter- ans Admin.	Dept. of HEW <sup>2</sup>
<b>Total .....</b>	<b>2,373</b>	<b>2,570</b>	<b>2,875</b>	<b>2,870</b>	<b>2,869</b>	<b>2,852</b>	(x)	(x)	(x)	<b>979.6</b>	<b>663.4</b>	<b>235.0</b>	<b>158.6</b>
U.S. ....	2,213	2,403	2,665	2,738	2,738	2,723	100.0	100.0	100.0	898.8	660.8	232.8	157.8
D.C. area <sup>3</sup> ..	236	275	318	335	337	342	11.9	12.2	12.6	79.3	16.6	7.0	38.8
50 States <sup>3</sup> ..	1,977	2,128	2,348	2,403	2,401	2,381	88.1	87.8	87.4	819.5	644.2	225.8	119.0
Ala. ....	60.9	59.5	54.3	58.5	60.2	59.9	2.0	2.1	2.2	24.8	7.5	4.9	3.4
Alaska .....	12.6	13.5	14.5	15.1	16.2	15.3	.6	.6	.6	4.6	1.2	.6	1.5
Ariz. ....	19.8	22.7	27.5	33.6	35.0	34.5	1.1	1.2	1.3	9.9	5.7	3.1	2.8
Ark. ....	13.1	15.1	16.6	18.7	18.4	18.4	.6	.7	.7	4.4	4.9	3.6	.9
Calif. ....	239.5	265.1	303.5	297.8	295.6	290.1	11.4	10.9	10.7	130.2	68.6	23.7	11.6
Colo. ....	33.9	37.7	42.3	48.7	48.4	47.9	1.6	1.8	1.8	14.0	8.4	2.7	1.5
Conn. ....	14.6	16.4	20.4	21.0	21.1	21.0	.8	.8	.8	4.6	10.5	2.7	.5
Del. ....	3.4	3.7	4.7	5.2	5.1	5.0	.2	.2	.2	2.0	1.6	.8	.1
Fla. ....	48.0	57.2	69.3	78.4	79.8	79.3	2.6	2.9	2.9	29.5	21.8	9.0	2.2
Ga. ....	55.5	64.9	73.8	75.0	76.7	75.9	2.8	2.7	2.8	34.7	12.9	4.8	5.1
Hawaii .....	22.1	23.5	26.3	25.3	24.9	25.0	1.0	.9	.9	19.7	1.9	.2	.2
Idaho ....	6.2	7.4	8.2	9.8	10.6	10.5	.3	.4	.4	1.2	2.0	.6	.2
Ill. ....	98.9	104.3	110.7	106.6	105.0	101.7	4.2	3.9	3.7	20.7	42.2	12.0	6.7
Ind. ....	31.7	35.1	44.4	40.8	39.5	40.2	1.7	1.5	1.5	13.5	13.7	3.9	1.0
Iowa ....	15.8	16.7	18.1	19.2	19.3	19.0	.7	.7	.7	1.5	8.9	3.3	.5
Kans. ....	21.1	19.7	22.3	23.1	23.0	22.6	.8	.8	.8	6.1	7.0	3.2	.4
Ky. ....	27.6	29.5	34.7	35.9	34.5	34.3	1.3	1.3	1.3	13.0	7.6	3.4	.8
La. ....	22.9	25.2	27.6	30.6	31.6	31.4	1.1	1.1	1.2	8.3	8.6	3.8	2.2
Maine ....	17.3	15.1	15.1	12.1	9.3	9.2	.6	.4	.3	2.3	3.6	1.2	.3
Md. <sup>3</sup> .....	45.3	51.8	62.0	64.7	63.1	62.2	2.3	2.4	2.3	21.8	8.7	3.1	22.2
Mass. ....	62.2	60.9	63.5	58.4	57.8	57.8	2.4	2.1	2.1	12.3	22.4	7.8	2.7
Mich. ....	42.4	47.3	53.4	54.6	54.3	53.4	2.0	2.0	2.0	12.1	23.2	5.9	1.9
Minn. ....	24.6	26.9	29.3	30.3	29.8	29.4	1.1	1.1	1.1	3.2	12.5	5.0	.9
Miss. ....	15.7	17.6	20.3	24.1	25.0	26.8	.8	.9	1.0	11.1	4.6	2.8	.7
Mo. ....	50.0	56.2	65.0	68.4	65.5	65.0	2.4	2.4	2.4	19.7	17.1	6.1	4.9
Mont. ....	8.4	9.8	10.3	12.2	12.4	12.4	.4	.4	.5	1.4	2.2	.6	.9
Nebr. ....	15.4	14.9	15.1	16.1	15.6	15.4	.6	.6	.6	3.7	5.3	2.1	.4
Nev. ....	5.8	7.4	8.1	8.9	9.3	9.2	.3	.3	.3	2.6	1.8	.6	.3
N.H. ....	3.6	4.4	5.5	10.2	14.3	14.7	.2	.4	.5	9.5	2.5	.7	.1
N.J. ....	53.8	58.3	65.9	71.0	68.9	68.6	2.5	2.6	2.5	25.9	27.4	4.6	1.7
N. Mex. ....	22.8	24.3	25.1	26.9	26.9	26.5	.9	1.0	1.0	9.1	2.4	1.5	2.5
N.Y. ....	179.8	173.1	177.8	172.3	168.3	166.2	6.7	6.3	6.1	20.8	80.2	21.2	10.4
N.C. ....	28.5	31.4	37.3	42.3	42.0	41.8	1.4	1.5	1.5	13.6	12.0	4.9	1.9
N. Dak. ....	5.9	6.9	8.1	9.1	8.8	8.3	.3	.3	.3	1.9	2.2	.6	.3
Ohio ....	88.8	93.5	96.9	93.6	92.3	89.4	3.6	3.4	3.3	33.2	30.8	8.6	2.8
Okla. ....	42.1	46.9	52.8	47.7	47.3	46.8	2.0	1.7	1.7	24.1	7.8	2.4	1.9
Oreg. ....	20.0	22.0	24.1	25.6	26.5	26.8	.9	.9	1.0	3.4	6.0	2.6	.7
Pa. ....	129.1	133.3	137.7	132.3	126.7	128.0	5.2	4.8	4.7	50.3	38.0	11.7	7.1
R.I. ....	12.3	13.2	14.6	10.1	9.5	9.4	.6	.4	.3	4.1	3.0	1.1	.2
S.C. ....	22.5	25.8	29.3	30.7	31.5	31.4	1.1	1.1	1.2	18.8	5.6	2.6	.7
S. Dak. ....	9.0	9.1	9.3	10.8	10.4	9.9	.3	.4	.4	1.3	2.3	1.8	.8
Tenn. ....	34.1	40.7	44.8	55.4	63.7	68.0	1.7	2.0	2.5	7.8	11.8	6.1	1.2
Tex. ....	112.6	128.7	144.7	149.6	150.3	148.0	5.4	5.5	5.4	58.6	33.6	14.1	4.4
Utah ....	26.4	32.5	38.3	35.3	35.7	34.6	1.4	1.3	1.3	21.4	2.9	1.5	.2
Vt. ....	3.1	3.2	3.7	4.4	4.4	4.4	.2	.2	.2	.6	1.8	.8	.1
Va. <sup>3</sup> .....	66.9	70.7	74.0	78.0	78.3	78.8	2.8	2.9	2.9	52.0	9.8	5.2	1.2
Wash. ....	45.6	48.3	52.6	57.8	59.3	58.9	2.0	2.1	2.2	24.8	9.8	4.2	2.5
W. Va. ....	10.5	11.6	13.3	15.6	15.7	15.7	.5	.6	.6	1.7	4.7	2.7	.7
Wis. ....	20.4	22.3	25.5	26.8	26.5	26.2	1.0	1.0	1.0	2.9	12.0	5.0	.9
Wyo. ....	4.7	5.0	5.2	6.1	6.4	6.4	.2	.2	.2	.9	1.1	.9	.1
Outside U.S. ....	159.7	167.1	209.9	131.8	131.2	129.1	(x)	(x)	(x)	80.8	2.6	2.2	.8
Territories .....	32.2	33.8	36.9	33.0	33.8	34.7	(x)	(x)	(x)	8.9	2.6	1.9	.7
Foreign .....	127.5	133.3	173.0	98.8	97.4	94.4	(x)	(x)	(x)	71.9	-	.3	.1

- Represents zero. X Not applicable. <sup>1</sup> Partially estimated. <sup>2</sup> Health, Education, and Welfare.

<sup>3</sup> 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. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

**NO. 472. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS:  
1965 TO 1980**

[As of June 30 through 1976; thereafter, as of Sept. 30 except as noted. See headnote, table 468. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1977	1978	1979	1980 <sup>1</sup>
<b>All agencies</b> .....	<sup>2</sup> 2,527,492	2,921,909	2,896,944	2,841,152	2,872,851	2,875,872	3,121,769
Percent Dept. of Defense.....	40.9	40.9	36.0	34.6	34.1	33.4	31.6
Percent Postal Service.....	23.6	24.9	24.1	23.2	22.8	23.0	21.3
<b>Legislative branch</b> .....	25,947	30,715	38,531	39,429	39,422	39,727	41,357
Congress.....	9,296	11,815	17,317	<sup>3</sup> 18,329	<sup>3</sup> 18,309	<sup>3</sup> 18,900	<sup>3</sup> 20,273
United States Senate.....	3,474	4,362	6,144	6,591	6,714	7,148	7,844
U.S. House of Representatives..	5,822	7,453	11,173	11,738	11,584	11,738	12,416
Architect of the Capitol.....	1,519	1,631	2,061	2,249	2,287	2,331	2,273
General Accounting Office.....	4,274	4,631	5,513	5,355	5,498	5,310	5,711
Government Printing Office.....	7,416	8,557	8,549	7,788	7,469	7,099	6,949
Library of Congress.....	3,366	3,848	4,649	5,069	5,230	5,430	5,487
All other.....	56	233	442	639	649	657	664
<b>Judicial branch</b> .....	5,904	6,887	10,399	12,625	13,128	13,493	14,740
United States Courts.....	(NA)	6,664	10,122	12,311	12,810	13,187	336
Supreme Court.....	(NA)	223	277	314	318	306	14,404
<b>Executive branch</b> .....	2,495,641	2,884,307	2,848,014	2,789,098	2,820,301	2,822,652	3,065,672
<b>Executive Office of the President:</b>							
White House Office.....	333	311	625	464	371	408	384
Office of Management and Budget...	524	633	673	709	602	619	656
Council of Economic Advisers.....	46	59	40	38	33	23	34
Council on Environ. Quality <sup>4</sup> .....	(x)	32	69	49	49	48	66
National Security Council.....	38	75	89	73	74	74	70
All other.....	1,908	3,632	422	383	484	646	690
<b>Executive departments:</b>							
Agriculture.....	113,017	116,012	120,999	127,497	128,500	127,809	144,124
Commerce.....	33,688	<sup>5</sup> 57,674	36,228	37,761	39,551	54,101	<sup>6</sup> 196,544
Defense.....	1,033,775	1,193,784	1,041,829	981,747	980,313	960,266	987,890
Department of the Army.....	366,726	443,369	378,937	350,549	353,203	346,684	367,713
Department of the Navy.....	333,271	376,340	319,719	310,119	309,680	303,472	316,517
Department of the Air Force.....	291,500	306,323	268,466	243,810	240,182	234,249	239,131
Other Defense Activities.....	42,278	67,752	74,707	77,269	77,048	75,671	70,529
Education <sup>6</sup> .....	(x)	(x)	(x)	(x)	(x)	(x)	7,167
Energy <sup>7</sup> .....	(x)	(x)	(x)	(x)	20,202	20,540	21,680
Health and Human Services <sup>8</sup> .....	87,316	108,044	147,125	155,886	160,792	160,652	163,921
Housing and Urban Development <sup>9</sup> .....	13,777	15,190	17,161	17,770	18,177	17,451	17,413
Interior.....	70,711	73,361	80,198	83,419	78,948	77,647	88,924
Justice.....	33,222	39,257	51,541	53,081	55,422	55,265	57,041
Labor.....	9,527	10,991	14,834	16,752	22,501	22,959	24,482
State.....	39,652	39,753	30,376	28,991	30,310	29,782	23,791
Agency for Int'l. Development.....	15,098	14,974	6,591	6,092	6,073	6,186	( <sup>9</sup> )
Transportation.....	<sup>10</sup> 45,421	65,985	75,033	75,163	74,795	73,546	74,368
Treasury.....	88,761	92,521	121,546	123,615	121,876	124,883	131,713
<b>Independent agencies:</b>							
ACTION <sup>11</sup> .....	1,104	1,317	1,864	1,921	1,927	1,882	2,008
Amer. Battle Monuments Comm.....	439	404	399	386	387	379	387
Arms Control and Disarmament Agency.....	175	177	190	201	212	226	231
AEC/ERDA <sup>7 12</sup> .....	7,329	7,347	8,262	9,536	(x)	(x)	(x)
Board of Governors, Federal Reserve System.....	667	1,016	1,480	1,483	1,477	1,459	1,495
Canal Zone Government <sup>13</sup> .....	3,028	3,318	3,299	3,280	3,211	2,924	(x)
Civil Aeronautics Board.....	846	682	728	784	793	746	822
Commission on Civil Rights.....	109	153	275	331	314	304	318
Community Services Admin. <sup>14</sup> .....	(x)	(x)	1,112	1,057	1,052	1,077	1,186
Consumer Prod. Safety Comm. <sup>15</sup> .....	(x)	(x)	959	952	952	929	1,037
Environmental Protection Agency.....	(x)	(x)	10,772	11,339	11,693	13,543	15,501
Equal Empl. Opportunity Comm.....	19	850	2,183	2,373	2,765	3,630	3,604
Export-Import Bank, U.S.....	308	358	444	426	422	398	402
Farm Credit Administration.....	235	235	223	254	249	267	291
Federal Communications Comm.....	1,541	1,537	2,137	2,136	2,165	2,248	2,228
Federal Deposit Insurance Corp.....	1,544	2,478	3,103	3,511	3,655	3,512	3,567
Federal Energy Administration <sup>7 16</sup> .....	(x)	(x)	3,245	3,807	(x)	(x)	(x)
Federal Home Loan Bank Board.....	1,300	1,273	1,452	1,450	1,545	1,490	1,518
Federal Maritime Commission.....	251	233	314	307	338	328	367
Federal Mediation and Conciliation Service.....	422	450	523	547	557	521	523
Federal Power Commission <sup>7</sup> .....	1,163	1,132	1,322	1,363	(x)	(x)	(x)
Federal Trade Commission.....	1,157	1,330	1,681	1,719	1,734	1,860	1,896
General Services Administration.....	36,524	37,945	39,561	36,625	38,324	37,758	38,620
Int'l. Communications Agency <sup>17</sup> .....	11,628	10,262	8,809	8,497	8,538	8,245	8,164
International Trade Commission <sup>18</sup> .....	298	242	427	360	385	372	454
Interstate Commerce Commission.....	2,427	1,755	2,115	2,145	2,139	2,084	2,067
Nat'l Aero. and Space Admin.....	34,049	32,548	26,447	24,435	24,056	23,614	24,547

See footnotes at end of table.

**NO. 472. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS:  
1965 TO 1980—Continued**

[See headnote, page 281]

AGENCY	1965	1970	1975	1977	1978	1979	1980 <sup>1</sup>
<b>Independent agencies—Cont.</b>							
Natl' Credit Union Admin. <sup>19</sup>	(x)	419	570	582	621	650	762
Natl' Endowment for the Arts <sup>20</sup>	(x)	103	503	557	310	300	371
Natl' Endowment for the Humanities <sup>20</sup>					280	290	313
National Labor Relations Board	2,252	2,144	2,485	2,818	2,938	3,029	3,054
National Mediation Board	135	126	103	101	100	67	70
National Science Foundation	1,116	1,211	1,424	1,420	1,386	1,396	1,605
Nuclear Regulatory Commission <sup>21</sup>	(x)	(x)	2,247	2,822	2,983	3,024	3,426
Office of Personnel Management <sup>22</sup>	3,789	5,508	8,157	8,440	8,630	8,076	8,584
Panama Canal Commission	11,936	12,571	11,689	10,885	11,164	10,040	8,737
Railroad Retirement Board	1,767	1,734	1,961	1,907	1,859	1,820	1,924
Renegotiation Board <sup>23</sup>	184	236	181	178	158	(x)	(x)
Securities and Exchange Commission	1,420	1,454	2,002	1,976	2,072	2,054	2,108
Selective Service System	7,587	8,395	2,257	70	68	73	86
Small Business Administration	3,751	4,269	4,786	5,230	5,764	5,912	5,891
Smithsonian Institution	2,334	2,641	3,746	3,834	4,261	4,621	4,790
Soldiers' and Airmen's Home	1,134	1,126	1,041	1,027	1,040	1,007	972
Tennessee Valley Authority	16,797	22,244	28,423	37,657	47,100	49,941	51,531
U.S. Postal Service <sup>23</sup>	595,512	726,472	699,174	857,832	656,000	661,800	666,228
Veterans Administration	167,059	168,719	213,143	223,398	228,885	226,084	239,625
All other	709	579	2,019	2,728	2,792	3,078	13,402

NA Not available. X Not applicable. <sup>1</sup> As of June. Includes 43,827 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. <sup>2</sup> Includes 33,480 appointments under Youth Opportunity Campaign. <sup>3</sup> Includes 14 in 1977, 11 in 1978, 13 in 1979, and 13 in 1980 of commission on Security and Cooperation in Europe. <sup>4</sup> Agency established in 1969. <sup>5</sup> Includes 24,278 enumerators in 1970 census, and 106,249 in 1980 census. <sup>6</sup> Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). <sup>7</sup> Dept. of Energy established Oct. 1, 1977; comprises ERDA, Federal Energy Admin., Federal Power Comm., and the fuel elements of the Dept. of Interior. <sup>8</sup> Includes Housing and Home Finance Agency. <sup>9</sup> Transferred from Dept. of State to U.S. International Development Cooperation Agency. <sup>10</sup> Data represent Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. <sup>11</sup> Formerly Peace Corps; became an independent agency in 1971. <sup>12</sup> In Jan. 1975, Atomic Energy Commission was divided into Energy Research and Development Admin. and Nuclear Regulatory Commission. <sup>13</sup> U.S. jurisdiction over Panama Canal Zone terminated Oct. 1979. <sup>14</sup> Established in 1974, as successor to Office of Economic Opportunity. <sup>15</sup> Established Oct. 1972. <sup>16</sup> Established June 28, 1974. <sup>17</sup> In Mar. 1978, United States Information Agency becomes International Communications Agency. <sup>18</sup> Formerly Tariff Commission. <sup>19</sup> Agency established in 1970. <sup>20</sup> Established as the National Foundation on the Arts and Humanities in 1965; divided in Sept. 1978. <sup>21</sup> Formerly Civil Service Commission. <sup>22</sup> Agency terminated as of March 31, 1979. <sup>23</sup> 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. Office of Personnel Management, *Annual Report and Monthly Release of Federal Civilian Work Force Statistics*.

**NO. 473. FEDERAL CIVILIAN EMPLOYMENT—ARMED FORCES AND OTHER UNIFORMED RETIREES  
EMPLOYED, BY AGENCY AND SELECTED CHARACTERISTIC: 1978**

[As of Sept. 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		CHARACTERISTIC AND PAY SYSTEM	Total Federal employment (1,000)	UNIFORMED RETIREES	
		Total (1,000)	Percent of total <sup>1</sup>			Total (1,000)	Percent of total <sup>1</sup>
<b>All agencies <sup>2</sup></b>	<b>2,737.7</b>	<b>142.5</b>	<b>5.2</b>	Officer retiree	(x)	24.8	<sup>3</sup> 9
In competitive service	1,718.2	99.3	5.8	Enlisted retiree	(x)	114.4	<sup>3</sup> 4.2
In excepted service	1,017.3	43.1	4.2	Unspecified	(x)	3.4	<sup>3</sup> 1
Unspecified	2.1	.1	4.8	Pay system: <sup>4</sup>			
Executive branch	2,050.9	107.8	5.3	Under \$6,000	47.4	1.0	2.2
Defense	938.2	76.3	8.1	\$6,000–\$9,999	334.4	8.6	2.6
Army	337.6	24.2	7.2	\$10,000–\$17,999	1,539.5	90.8	5.9
Navy	278.3	26.9	9.7	\$18,000–\$28,999	625.1	34.0	5.4
Marine Corps	16.7	2.0	11.8	\$29,000–\$35,999	114.5	4.9	4.2
Air Force	229.0	19.5	8.5	\$36,000 and over	73.3	3.1	4.2
Other Defense	76.6	3.7	4.8	Unspecified	3.5	.1	2.6
Veterans Administration	236.2	8.8	3.7				
Other executive agencies	876.5	22.7	2.6				
U.S. Postal Service	673.1	34.4	5.1				

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

Source: U.S. Office of Personnel Management, *Study of Retired Uniform Services Personnel in the Federal Civilian Service*, September 1978.

**NO. 474. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT,  
ALL AREAS: 1960 TO 1980**

[As of June 30 through 1970; as of March 31 thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 256 for explanation of General schedule and Wage system. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1960	1965	1970	1975	1979	1980	1960	1965	1970	1975	1979	1980
<b>Total</b> .....	<b>2,237</b>	<b>2,398</b>	<b>2,806</b>	<b>2,582</b>	<b>1,960</b>	<b>2,498</b>	<b>5,273</b>	<b>6,866</b>	<b>9,234</b>	<b>13,529</b>	<b>18,496</b>	<b>17,758</b>
General schedule.....	973	1,112	1,287	1,349	1,397	1,402	5,705	7,707	11,065	14,483	18,715	17,299
Wage system.....	667	621	674	528	457	456	4,835	5,887	6,976	11,197	16,926	17,644
Postal pay system.....	483	534	673	566	(NA)	528	4,854	6,219	8,120	13,329	(NA)	17,799
Other.....	114	131	172	139	105	113	5,344	7,032	8,741	13,951	22,383	20,344

NA Not available.

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

**NO. 475. FULL-TIME WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—  
TOTAL AND WOMEN, BY GRADE LEVELS: 1970 TO 1978**

[As of October 31]

SEX AND GRADE <sup>1</sup>	Unit	1970	1972	1973	1974	1975	1976	1977	1978
<b>Total employment</b> .....	<b>1,000</b> .....	<b>1,982</b>	<b>1,992</b>	<b>1,894</b>	<b>1,957</b>	<b>1,976</b>	<b>1,981</b>	<b>1,978</b>	<b>1,995</b>
<b>Women</b> .....	<b>1,000</b> .....	<b>657</b>	<b>671</b>	<b>644</b>	<b>682</b>	<b>697</b>	<b>711</b>	<b>721</b>	<b>737</b>
<b>Percent of total</b> .....	<b>Percent</b> .....	<b>33.1</b>	<b>33.7</b>	<b>34.0</b>	<b>34.8</b>	<b>35.3</b>	<b>35.9</b>	<b>36.5</b>	<b>36.9</b>
General Schedule Pay System.....	1,000.....	1,259	1,303	1,295	1,404	1,428	1,456	1,469	1,483
Women.....	1,000.....	507	522	526	586	601	621	632	645
Percent of total.....	Percent.....	40.3	40.1	40.6	41.7	42.1	42.7	43.0	43.5
Grades 1-6 (\$6,561-\$15,222).....	1,000.....	521	555	554	588	585	587	587	584
Women.....	1,000.....	372	393	396	418	419	424	424	425
Percent of total.....	Percent.....	72.2	70.8	71.5	71.1	71.6	72.2	72.2	72.8
Grades 7-10 (\$13,014-\$22,788).....	1,000.....	302	301	296	333	344	352	354	357
Women.....	1,000.....	101	95	95	123	132	142	147	153
Percent of total.....	Percent.....	33.4	31.6	32.1	36.9	38.4	40.3	41.5	42.9
Grades 11-12 (\$19,263-\$30,017).....	1,000.....	264	273	270	286	297	309	316	326
Women.....	1,000.....	25	27	28	36	40	44	48	54
Percent of total.....	Percent.....	9.5	9.9	10.4	12.6	13.5	14.2	15.2	16.6
Grades 13-15 (\$27,453-\$49,608).....	1,000.....	164	169	170	190	196	201	205	209
Women, percent of total.....	Percent.....	3.0	4.1	4.1	4.7	5.1	5.5	5.9	6.2
Grades 16-18 (\$44,756-\$61,449).....	1,000.....	8	5	5	7	7	7	7	7
Women, percent of total.....	Percent.....	1.4	1.9	2.3	2.4	2.7	2.9	3.6	4.2
Postal Pay System.....	1,000.....	618	589	502	527	519	498	488	490
Women.....	1,000.....	102	105	75	85	86	81	81	83
Percent of total.....	Percent.....	16.5	17.8	14.9	16.3	16.5	16.3	16.6	16.9
Other pay systems.....	1,000.....	105	100	97	26	28	27	21	22
Women.....	1,000.....	48	44	43	10	10	9	8	9
Percent of total.....	Percent.....	45.7	44.0	43.3	38.5	35.4	33.3	39.7	40.9

<sup>1</sup> Pay ranges shown for General Schedule grades are as of Oct. 1, 1978, and apply only to the 1978 data.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar Workers*, 1978.

**NO. 476. SALARIES OF SELECTED EXECUTIVE AND LEGISLATIVE OFFICIALS IN THE FEDERAL  
GOVERNMENT: 1907 TO 1980**

YEAR <sup>1</sup>	President	Vice President	Cabinet officers	Congressmen <sup>2</sup>	YEAR <sup>1</sup>	President	Vice President	Cabinet officers	Congressmen <sup>2</sup>
1907.....	<sup>3</sup> \$50,000	\$12,000	\$12,000	\$7,500	1964.....	( <sup>4</sup> )	\$43,000	\$35,000	( <sup>4</sup> )
1909.....	75,000	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1965.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	\$30,000
1925.....	( <sup>4</sup> )	15,000	<sup>5</sup> 15,000	<sup>5</sup> 10,000	1969.....	<sup>7</sup> \$200,000	<sup>8</sup> 62,500	60,000	42,500
1946.....	( <sup>4</sup> )	20,000	( <sup>4</sup> )	<sup>5</sup> 15,000	1975.....	( <sup>4</sup> )	<sup>8</sup> 65,600	63,000	44,600
1949.....	<sup>7</sup> 100,000	30,000	22,500	( <sup>4</sup> )	1976.....	( <sup>4</sup> )	<sup>9</sup> 68,800	<sup>9</sup> 66,000	<sup>9</sup> 46,800
1955.....	( <sup>4</sup> )	35,000	( <sup>4</sup> )	22,500	1977-1978.....	( <sup>4</sup> )	<sup>9</sup> 75,000	86,000	57,500
1956.....	( <sup>4</sup> )	( <sup>4</sup> )	25,000	( <sup>4</sup> )	1979-1980.....	( <sup>4</sup> )	<sup>10</sup> 79,100	<sup>10</sup> 69,600	<sup>10</sup> 60,700

<sup>1</sup> When salary change became effective.

<sup>2</sup> Representatives and senators.

<sup>3</sup> Compensation enacted in 1973.

<sup>4</sup> No change from prior year shown. <sup>5</sup> Legislation reduced amounts by 15, 10, and 5 percent, successively, during 1932-35. Full salary restored Apr. 1, 1935.

<sup>6</sup> 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. <sup>7</sup> Plus \$50,000 for official expenses.

<sup>8</sup> Plus \$10,000 expense allowance. <sup>9</sup> Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976.

<sup>10</sup> Pursuant to Legislative Branch Appropriation Act, 1978, salaries paid are limited to the rates in effect for 1978.

Source: U.S. Office of Personnel Management, *Annual Report*.

# **NO. 477. MINORITY GROUP FULL-TIME EMPLOYMENT IN THE FEDERAL GOVERNMENT, ALL AGENCIES, BY PAY SYSTEM: 1972 AND 1978**

[Excludes Hawaii, Guam, Puerto Rico, and foreign nationals abroad]

PAY SYSTEM	NOVEMBER 30, 1972					NOVEMBER 30, 1978				
	Total employees (1,000)	Minority groups				Total employees (1,000)	Minority groups			
		Total <sup>1</sup> (1,000)	Per cent of total	Black (1,000)	Spanish sur-named (1,000)		Total <sup>1</sup> (1,000)	Per cent of total	Black (1,000)	Spanish sur-named (1,000)
<b>All pay systems, total.....</b>	<b>2,542.0</b>	<b>509.3</b>	<b>20.0</b>	<b>389.8</b>	<b>77.6</b>	<b>2,418.2</b>	<b>532.0</b>	<b>22.0</b>	<b>394.9</b>	<b>85.0</b>
General schedule and similar <sup>2</sup> .....	1,335.3	213.9	16.0	159.0	29.4	1,436.4	269.4	18.8	192.8	41.3
GS 1-4 (\$6,561-\$12,208).....	306.5	87.0	28.4	67.3	10.5	280.9	84.8	30.2	62.9	11.2
GS 5-8 (\$10,507-\$18,734).....	397.6	78.9	19.8	61.8	10.0	438.3	105.1	24.0	80.4	14.9
GS 9-12 (\$15,920-\$30,017).....	448.2	39.0	8.7	24.6	7.3	504.6	64.8	12.8	40.9	12.5
GS 13-15 (\$27,453-\$49,608).....	177.4	8.8	5.0	5.1	1.6	208.0	14.4	7.0	8.4	2.7
GS 16-18 (\$44,756-\$61,449) <sup>3</sup> .....	5.7	.2	3.7	.1	(z)	6.6	.3	4.5	.2	.5
Wage systems.....	498.2	144.3	29.0	103.8	29.8	448.9	130.7	29.1	92.8	26.7
WG—Regular nonsupervisory.....	383.8	120.6	31.4	86.4	25.9	329.6	105.6	32.0	73.7	22.8
WL—Regular leader.....	14.1	3.6	25.5	2.7	.7	11.9	3.6	30.3	2.6	.7
WS—Regular supervisory.....	41.2	7.3	17.7	4.9	1.6	38.1	6.6	22.6	5.9	1.9
Other wage systems.....	59.1	12.8	21.7	9.8	1.5	69.3	12.2	17.6	10.3	1.1
U.S. Postal Service.....	655.4	146.0	22.3	123.3	17.6	511.4	129.2	25.3	107.3	16.6
Level 1-5 <sup>4</sup> .....	545.0	127.0	23.3	107.6	15.4	370.9	94.8	25.6	78.9	12.3
Level 6-12.....	104.6	18.5	17.7	15.3	2.2	79.3	25.2	31.8	21.1	3.0
Level 13 and above.....	5.8	.5	8.6	.4	(z)	61.2	9.2	15.0	7.4	1.3
Other pay systems.....	53.1	5.1	9.6	3.7	.8	21.5	2.7	12.6	2.0	.4

<sup>1</sup> Fewer than 50. <sup>2</sup> Includes American Indians and Orientals. <sup>3</sup> Pay rates as of Oct. 1978, for general schedule. Each grade (except GS-18) includes several salary steps. Range is from lowest to highest step of grades shown. <sup>4</sup> Rates of basic pay for GS-16, steps 3-9 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). <sup>5</sup> 1972 data include 4th class postmasters and rural carriers. 4th class postmasters were eliminated from coverage in 1976.

Source: U.S. Office of Personnel Management, *Equal Employment Opportunity Statistics*, annual.

# **NO. 478. WHITE-COLLAR FULL-TIME CIVILIAN WORKERS IN THE FEDERAL GOVERNMENT, BY MAJOR OCCUPATION GROUP AND SEX: 1970 AND 1978**

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

MAJOR OCCUPATION GROUP	1970		1978		MAJOR OCCUPATION GROUP	1970		1978	
	Total (1,000)	Per cent male	Total (1,000)	Per cent male		Total (1,000)	Per cent male	Total (1,000)	Per cent male
<b>Total.....</b>	<b>1,981.7</b>	<b>66.8</b>	<b>1,995.1</b>	<b>63.9</b>	<b>Biological sciences.....</b>	<b>41.5</b>	<b>93.6</b>	<b>52.3</b>	<b>88.3</b>
Professional.....	(NA)	(NA)	319.4	78.1	Investigation.....	38.9	96.9	48.8	91.8
Administrative.....	(NA)	(NA)	424.4	77.6	Personnel management, and industrial relations.....	40.4	46.8	47.2	42.0
Technical.....	(NA)	(NA)	348.9	60.5	Transportation.....	42.6	84.5	44.4	82.5
Clerical.....	(NA)	(NA)	858.0	49.7	Physical sciences.....	43.0	90.8	43.0	89.3
Other <sup>1</sup> .....	(NA)	(NA)	44.4	92.8	Education.....	29.3	64.4	28.6	58.1
General admin., clerical, and office services.....	449.1	31.1	466.4	31.8	Information and arts.....	19.6	70.1	20.9	61.5
Postal.....	594.8	83.5	465.6	83.5	Quality assurance inspection and grading.....	21.4	97.1	18.9	94.3
Engineering and architecture.....	148.8	98.8	154.2	97.5	Math. and statistics.....	14.0	58.4	14.8	67.0
Accounting and budget.....	113.2	52.9	125.8	49.5	Equipment, facilities, and service.....	18.2	98.0	14.4	96.3
Medical, hospital, dental, and public health.....	93.7	44.6	123.1	37.3	Library and archives.....	8.5	35.8	9.8	37.0
Business and industry.....	64.5	78.3	72.0	67.0	Other.....	46.3	95.8	61.9	89.9
Legal and kindred.....	47.8	52.5	67.7	44.1	Avg. salary, total (dol.).....	(NA)	(NA)	18.5	(x)
Social science, psychology, and welfare.....	34.2	73.0	58.2	63.8	Professional.....	(NA)	(NA)	26.5	(x)
Supply.....	72.1	58.2	57.2	54.1	Administrative.....	(NA)	(NA)	24.2	(x)
					Technical.....	(NA)	(NA)	15.4	(x)
					Clerical.....	(NA)	(NA)	14.1	(x)

NA Not available. X Not applicable. <sup>1</sup> Includes unspecified.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-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, county, and school 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 (GSS) 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 255).

**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 479, 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, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close 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.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt.

Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

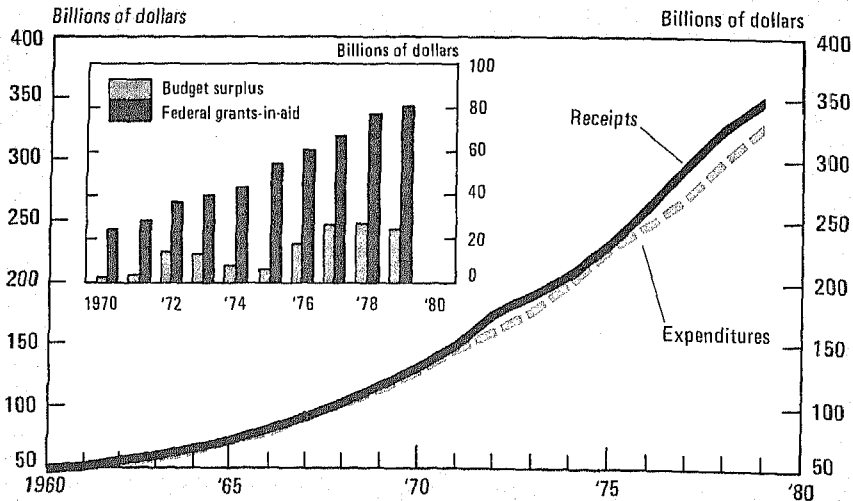
**Employment and payrolls.**—These data are mainly based on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including 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 Finances: 1960 to 1979**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 493.

## NO. 479. 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.....	108,578	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. 480. ALL GOVERNMENTS—REVENUE, EXPENDITURE, AND DEBT: 1950 TO 1978

[Prior to 1950, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 655-848]

ITEM AND YEAR	ALL GOVERNMENTS		FEDERAL <sup>2</sup>		STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE <sup>3</sup>		PER CAPITA <sup>4</sup> (dollars)		
	Total (bil. dol.)	Percent of GNP <sup>1</sup>	Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State and local	Total	Federal	State and local
<b>Revenue:</b>												
1950.....	67	25.2	44	65.3	23	11	12	-3.3	7.3	440	287	153
1955.....	106	27.9	72	67.6	34	17	18	12.9	9.3	644	435	209
1960.....	153	30.7	100	65.2	53	26	27	6.8	7.8	851	554	296
1965.....	203	30.8	126	62.1	77	39	38	4.8	8.5	1,045	649	396
1970.....	334	34.8	206	61.6	128	69	60	3.0	13.3	1,642	1,011	631
1972.....	383	34.5	223	58.3	159	84	75	4.5	11.5	1,839	1,073	766
1973.....	432	35.3	254	58.8	178	97	61	12.7	12.6	2,059	1,211	850
1974.....	484	35.6	288	59.5	196	108	88	13.6	9.9	2,289	1,367	927
1975.....	519	35.6	302	58.2	217	119	98	5.0	10.7	2,436	1,418	1,018
1976.....	571	35.2	324	56.6	248	139	109	7.0	14.2	2,661	1,507	1,154
1977.....	658	36.8	383	58.1	275	156	120	18.1	11.1	3,039	1,766	1,272
1978.....	732	36.8	430	58.7	302	172	131	12.5	9.8	3,356	1,970	1,385
<b>Expenditure:</b>												
1950.....	70	26.5	42	60.3	28	11	17	11.1	15.5	464	280	184
1955.....	111	29.1	70	63.5	40	14	26	10.8	7.4	670	426	244
1960.....	151	30.4	90	59.7	61	22	39	5.2	8.6	841	502	339
1965.....	206	31.2	119	57.9	87	31	55	5.7	7.4	1,061	614	447
1970.....	333	34.7	185	55.5	148	56	92	4.5	12.1	1,638	910	728
1972.....	399	36.0	209	52.3	190	72	118	6.2	12.7	1,917	1,002	915
1973.....	437	35.7	231	53.0	205	78	127	9.4	8.7	2,081	1,103	978
1974.....	478	35.1	253	52.8	226	86	139	9.2	10.1	2,263	1,195	1,069
1975.....	560	38.4	292	52.1	268	107	161	15.5	18.8	2,628	1,370	1,259
1976.....	625	38.5	322	51.5	303	123	180	10.3	14.6	2,912	1,500	1,417
1977.....	682	38.1	359	52.8	323	129	194	11.5	6.6	3,154	1,661	1,494
1978.....	745	37.5	400	53.7	345	137	209	11.5	7.5	3,418	1,835	1,584
<b>Debt outstanding:<sup>5</sup></b>												
1950.....	281	106.3	257	91.4	24	5	19	.8	12.4	1,856	1,697	159
1955.....	319	83.6	274	86.1	44	11	33	1.3	12.9	1,928	1,660	268
1960.....	358	71.5	286	80.4	70	19	51	.9	9.7	1,979	1,591	389
1965.....	417	63.3	317	76.1	100	27	72	2.1	7.4	2,150	1,637	513
1970.....	514	53.6	371	72.1	144	42	102	4.8	7.5	2,531	1,825	706
1972.....	602	54.1	427	71.5	175	54	120	8.5	9.9	2,938	2,100	838
1973.....	657	53.6	468	71.3	188	59	129	7.1	7.4	3,130	2,232	898
1974.....	693	50.9	486	70.2	207	65	141	3.8	9.6	3,278	2,300	977
1975.....	764	52.5	544	71.1	220	72	148	11.9	6.4	3,591	2,553	1,038
1976.....	872	53.7	631	72.4	241	85	156	16.0	9.4	4,061	2,941	1,121
1977.....	969	54.2	709	73.2	260	90	169	12.3	8.0	4,477	3,278	1,200
1978.....	1,061	53.4	780	73.6	280	103	178	10.0	8.9	4,865	3,579	1,286

<sup>1</sup> Gross national product (GNP) on fiscal year basis; see p. 437 for calendar year GNP.<sup>2</sup> Data adjusted to system for reporting State and local data and therefore differ from figures in section 9 tables.

<sup>3</sup> Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (—) denotes decrease. <sup>4</sup> 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. <sup>5</sup> As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, 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. 481. ALL GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1978

[In billions of dollars, except as indicated. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III, "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-568]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
<b>Revenue, total <sup>1</sup></b>	<b>153.1</b>	<b>202.6</b>	<b>333.8</b>	<b>432.1</b>	<b>484.0</b>	<b>519.3</b>	<b>571.2</b>	<b>657.5</b>	<b>731.7</b>
Revenue from own sources:									
Federal	99.8	125.8	205.6	253.7	287.9	302.3	323.5	383.5	429.7
Percent of total	65.2	62.1	61.6	58.7	59.5	58.2	56.5	58.1	58.7
State and local	53.3	76.7	128.2	178.4	196.0	217.0	247.7	275.4	302.0
State	26.1	38.5	68.7	97.1	106.7	119.2	139.1	155.8	171.5
Local	27.2	38.2	59.5	81.3	88.4	97.8	108.6	119.6	130.4
General revenue <sup>1</sup>	130.6	169.7	272.5	344.4	383.1	402.9	438.3	506.3	585.6
Taxes <sup>2</sup>	113.1	145.0	232.9	286.2	314.8	331.4	358.2	419.8	488.2
Individual income	43.2	52.9	101.2	121.2	138.4	143.8	156.2	186.0	214.2
Corporation income	22.7	27.4	36.6	41.6	44.6	47.3	48.7	64.1	70.7
Sales and gross receipts	24.5	32.9	48.6	61.8	66.6	70.9	76.3	83.8	93.0
Property	16.4	22.6	34.1	45.3	47.7	51.5	57.0	62.5	68.4
Charges and miscellaneous	17.5	24.7	39.6	58.3	68.3	71.4	80.1	86.5	97.4
Utilities and liquor stores	4.9	6.4	8.6	10.9	11.7	13.3	15.1	17.5	20.0
Insurance trusts <sup>2</sup>	17.6	26.5	52.7	76.2	89.1	103.1	117.8	133.7	146.1
OASDHI <sup>3</sup> (Federal Social Security)	10.7	16.7	38.5	56.1	66.1	75.6	80.3	92.5	104.5
Employee retirement	2.9	4.5	8.2	12.2	13.2	14.9	17.3	20.1	22.2
Unemployment compensation	2.5	3.4	3.2	5.1	5.8	8.3	15.6	15.8	13.4
<b>Expenditures, total <sup>1</sup></b>	<b>151.3</b>	<b>205.6</b>	<b>333.0</b>	<b>436.9</b>	<b>478.3</b>	<b>560.1</b>	<b>625.1</b>	<b>682.5</b>	<b>745.4</b>
Direct expenditure:									
Federal	90.9	119.0	184.9	231.4	252.6	291.9	322.0	359.3	400.1
Percent of total	59.7	57.9	55.5	53.0	52.8	52.1	51.4	52.7	53.7
State and local	61.0	86.7	148.1	205.5	225.7	268.2	303.0	323.2	345.3
State	22.2	31.5	56.2	78.0	86.2	106.9	123.1	128.8	136.5
Local	38.8	55.2	91.9	127.5	139.5	161.3	180.0	194.4	208.8
Current operation	81.7	122.6	197.0	249.3	269.8	305.2	335.3	368.0	402.2
Capital outlay	31.9	33.7	47.5	55.4	57.3	66.6	71.6	75.2	81.1
Construction	15.8	20.9	28.4	32.9	35.7	43.0	45.2	43.8	44.7
Equipment <sup>4</sup>	14.4	9.6	15.9	17.7	16.6	18.8	22.0	31.4	36.4
Land and existing buildings <sup>4</sup>	1.7	3.3	3.2	4.7	5.0	4.8	4.4		
Assistance and subsidies	10.4	12.5	20.8	30.7	33.2	44.0	47.7	48.8	54.0
Interest on debt	9.7	12.0	19.2	26.2	31.3	35.1	41.0	46.4	53.4
Insurance benefits and repayments	17.6	24.9	48.5	75.3	86.7	109.2	129.4	144.1	154.8
Exhibit: Personal services	47.1	65.7	110.5	142.7	154.2	163.7	180.4	193.2	211.6
General expenditure <sup>1</sup>	128.8	179.7	275.0	348.5	377.2	433.6	476.1	514.2	564.3
National defense and international relations	48.9	55.8	64.3	83.0	85.4	93.9	98.0	105.6	114.8
Military services only	41.3	48.4	76.6	72.1	79.1	86.6	91.0	97.8	105.8
Postal service	3.7	5.3	7.7	9.6	11.2	12.7	13.7	14.6	15.3
Education	19.4	29.6	55.8	74.9	81.7	95.0	106.3	110.6	118.8
State institutions of higher education	2.9	5.3	11.0	17.4	15.4	17.7	24.3	28.0	28.4
Local schools	15.2	22.0	37.5	48.8	53.1	61.5	67.7	71.5	76.7
Other education	1.3	2.3	7.3	8.7	13.2	15.8	14.3	13.1	13.7
Highways	9.6	12.3	16.7	18.9	20.2	22.8	24.2	23.3	24.9
Public welfare	4.5	6.4	17.5	27.0	31.0	39.4	45.1	49.4	54.2
Categorical public assistance <sup>5</sup>	3.0	3.7	6.9	10.4	11.6	14.1	15.6	16.2	18.1
Other public assistance <sup>6</sup>	.3	.3	.6	.8	.7	1.8	2.1	1.3	2.4
Other public welfare <sup>7</sup>	1.1	2.5	10.0	15.8	18.7	23.5	27.4	31.9	33.7
Hospitals	4.2	5.9	9.7	13.7	15.3	17.4	18.9	21.3	22.8
Health	1.0	1.8	3.9	5.0	6.4	7.5	8.6	9.3	10.2
Police	2.0	2.8	4.9	7.8	8.3	9.6	10.7	11.8	12.9
Local fire protection	1.0	1.3	2.0	2.8	3.0	3.5	3.9	4.4	4.8
Sanitation	1.7	2.4	3.4	5.3	6.0	7.5	8.2	9.4	9.8
Natural resources	7.1	11.0	11.5	16.7	17.4	18.1	19.4	22.4	26.3
Stabilization of farm prices and income	3.4	5.8	4.3	6.0	4.1	2.4	1.3	2.2	3.6
Parks and recreation	.8	1.1	1.9	2.6	3.0	3.5	3.9	5.7	6.7
Housing and urban renewal	1.1	2.2	3.2	6.9	5.9	5.9	5.4	5.6	6.0
Veterans services, n.e.c.	3.8	4.2	5.5	7.4	7.5	8.6	9.3	10.2	10.8
Financial administration and general control	2.9	3.8	6.3	4.6	10.0	11.9	13.4	14.8	16.6
Interest on general debt	9.3	11.4	18.4	25.1	30.1	33.8	39.6	44.5	51.3
Air and water transport and terminals	2.0	2.7	4.0	4.9	4.8	5.2	5.4	5.7	6.1
Other and unallocable	5.6	13.7	18.2	32.4	29.9	37.0	42.1	45.6	52.0
Utility and liquor stores	5.1	7.1	9.4	13.0	14.4	17.3	19.5	24.2	26.3
Insurance trusts <sup>2</sup>	17.6	24.9	48.5	75.3	86.7	109.2	129.4	144.1	154.8
OASDHI <sup>3</sup> (Federal Social Security)	10.8	16.6	35.8	56.4	64.7	76.6	88.3	103.2	115.0
Employee retirement	2.2	3.5	6.4	10.4	12.3	14.6	16.8	19.2	21.8
Unemployment compensation	2.5	2.4	2.8	4.2	4.8	12.4	18.1	14.9	10.9

<sup>1</sup> Excludes duplicative transactions between levels of government. <sup>2</sup> Includes other items, not shown separately. <sup>3</sup> Old-age, survivors, disability, and health insurance. <sup>4</sup> "Equipment" and "land and existing buildings" were consolidated into a single expenditure category beginning 1977. <sup>5</sup> Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. <sup>6</sup> Cash assistance for general relief wholly financed from State and local sources. <sup>7</sup> Vendor payments under various public welfare programs, including the medicaid program.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

**NO. 482. ALL GOVERNMENTS—PERCENT AND PER CAPITA DISTRIBUTION OF FINANCES: 1960 TO 1978**

[See headnote, table 481. OASDHI=Old-age, survivors, disability, and health insurance]

ITEM	PERCENT DISTRIBUTION					PER CAPITA <sup>1</sup> (dol.)				
	1960	1965	1970	1975	1978	1960	1965	1970	1975	1978
<b>Revenue, total<sup>2</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>851</b>	<b>1,045</b>	<b>1,642</b>	<b>2,436</b>	<b>3,356</b>
Revenue from own sources:										
Federal.....	65.2	62.1	61.6	58.2	58.7	554	649	1,011	1,418	1,971
State and local.....	34.8	37.9	38.4	41.8	41.3	296	396	631	1,018	1,385
State.....	17.2	19.0	20.6	23.0	23.4	145	199	338	559	787
Local.....	17.5	18.9	17.9	18.8	17.8	151	197	293	459	598
General revenue <sup>2</sup> .....	87.7	83.8	81.6	77.6	77.3	726	878	1,341	1,890	2,594
Taxes.....	76.6	71.6	69.8	63.8	64.0	628	748	1,146	1,555	2,147
Individual income.....	24.7	26.1	30.3	27.7	29.3	240	273	498	675	982
Corporation income.....	16.6	13.5	11.0	9.1	9.7	126	141	180	222	324
Sales and gross receipts.....	19.5	16.2	14.6	13.7	12.7	136	170	239	333	427
Property.....	10.9	11.2	10.2	9.9	9.1	91	117	168	242	305
Other.....	4.6	4.5	3.7	3.5	3.3	36	47	61	84	109
Charges and miscellaneous.....	11.1	12.2	11.9	13.8	13.3	97	127	195	335	447
Utilities and liquor stores.....	4.0	3.2	2.6	2.6	2.7	27	33	42	63	92
Insurance trusts <sup>3</sup> .....	8.2	13.1	15.8	19.8	20.0	98	137	259	484	670
OASDHI (Federal Social Security).....	3.1	8.2	11.5	14.6	14.3	59	86	189	355	479
Employee retirement.....	1.5	2.2	2.5	2.9	3.0	16	23	40	70	101
Unemployment compensation.....	1.8	1.7	1.0	1.6	1.8	14	18	16	39	61
<b>Expenditures, total<sup>2</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>841</b>	<b>1,061</b>	<b>1,638</b>	<b>2,628</b>	<b>3,418</b>
Direct expenditure:										
Federal.....	59.7	57.9	55.5	52.1	53.7	502	614	910	1,370	1,835
State and local.....	40.3	42.2	44.5	47.9	46.3	339	447	729	1,259	1,584
State.....	14.7	15.3	16.9	19.1	18.3	123	163	277	502	626
Local.....	25.6	26.8	27.6	28.8	28.0	216	285	452	757	957
Current operation.....	54.0	59.6	59.2	54.5	54.0	454	633	989	1,432	1,844
Capital outlay.....	21.1	16.4	14.3	11.9	10.9	177	174	234	319	371
Construction.....	10.4	10.2	8.5	7.7	6.0	88	108	140	202	205
Equipment <sup>4</sup> .....	9.5	4.7	4.8	3.4	4.8	80	50	78	68	166
Land and existing buildings <sup>4</sup> .....	1.1	1.6	1.0	.9		9	17	16	23	
Assistance and subsidies.....	6.9	6.1	6.2	7.8	7.2	58	64	102	206	247
Interest on debt.....	6.4	5.8	5.8	6.3	7.2	54	62	94	165	245
Insurance benefits and repayments.....	11.6	12.1	14.6	19.5	20.8	98	128	239	513	709
<i>Exhibit: Personal services.....</i>	<i>31.1</i>	<i>32.0</i>	<i>33.2</i>	<i>30.7</i>	<i>28.4</i>	<i>262</i>	<i>339</i>	<i>544</i>	<i>808</i>	<i>970</i>
General expenditure <sup>2</sup> .....	85.0	84.5	82.6	77.4	75.7	714	896	1,353	2,035	2,588
Nat'l defense and int'l relations.....	32.3	27.1	25.3	16.8	15.4	272	288	415	441	527
Military services only.....	27.3	23.5	23.0	15.4	14.2	229	250	377	406	485
Postal service.....	2.4	2.6	2.3	2.3	2.0	21	27	38	59	70
Education.....	12.8	14.4	16.8	17.0	15.9	108	153	275	446	545
State institutions of higher educ.....	1.9	2.6	3.3	3.4	3.8	16	27	54	83	130
Local schools.....	10.0	10.7	11.3	11.1	10.3	84	114	185	289	352
Other education.....	.9	1.1	2.2	2.8	1.8	7	12	36	74	63
Highways.....	6.3	6.0	5.0	4.1	3.3	53	63	82	107	114
Public welfare <sup>5</sup> .....	3.0	3.1	5.3	7.0	7.3	25	33	86	185	249
Categorical public assistance.....	2.0	1.8	2.1	2.5	2.4	17	19	34	66	83
Other public assistance.....	.2	.1	.2	.3	.3	2	2	3	8	11
Other public welfare.....	.7	1.2	3.0	4.2	4.5	6	13	49	110	155
Hospitals.....	2.8	2.9	2.9	3.1	3.1	23	30	48	82	105
Health.....	.7	.9	1.2	1.3	1.4	6	9	19	35	47
Police.....	1.3	1.4	1.5	1.7	1.7	11	14	24	45	59
Local fire protection.....	.7	.6	.6	.6	.6	6	7	10	16	22
Sanitation.....	1.1	1.2	1.0	1.3	1.3	9	12	17	35	45
Natural resources.....	4.7	5.4	3.5	3.2	3.5	39	57	57	85	121
Farm prices and income stabiliz.....	2.2	2.8	1.3	.4	.5	19	30	21	11	17
Parks and recreation.....	.5	.5	.6	.6	.9	4	6	9	16	31
Housing and urban renewal.....	.7	1.1	1.0	1.0	.8	6	11	16	27	28
Veterans services, n.e.c. <sup>6</sup> .....	2.5	2.0	1.7	1.6	1.4	21	22	27	42	50
Financial admin. and gen. control.....	1.9	1.8	1.9	2.1	2.2	16	20	31	56	76
Interest on general debt.....	6.1	5.5	5.5	6.0	6.9	52	59	91	159	235
Air, water transport and terminals.....	1.3	1.3	1.2	.9	.8	11	14	20	25	28
Other and unallocable.....	3.7	6.7	5.5	6.6	7.0	31	71	90	174	238
Utility and liquor stores.....	3.4	3.5	2.8	3.1	3.5	28	37	46	81	121
Insurance trusts <sup>3</sup> .....	11.6	12.1	14.6	19.5	20.8	98	128	239	513	710
OASDHI (Federal Social Security).....	7.1	8.1	10.8	13.7	15.4	60	86	176	359	527
Employee retirement.....	1.5	1.7	1.9	2.6	2.9	12	18	31	68	100
Unemployment compensation.....	1.7	1.2	.8	2.2	1.5	14	12	14	58	50

<sup>1</sup> See footnote 4, table 480. <sup>2</sup> See footnote 1, table 481. <sup>3</sup> Includes other items, not shown separately. <sup>4</sup> See footnote 4, table 481. <sup>5</sup> See footnotes 5, 6, and 7, table 481. <sup>6</sup> Not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual; and unpublished data.

## NO. 483. ALL GOVERNMENTS—REVENUES, BY SOURCE AND LEVEL: 1970 TO 1978

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

SOURCE OF REVENUE	1970		1975		1976		1977		1978	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
<b>Total revenue</b> .....	<b>205.6</b>	<b>1 150.1</b>	<b>303.5</b>	<b>1 264.0</b>	<b>324.9</b>	<b>1 303.3</b>	<b>383.5</b>	<b>1 337.9</b>	<b>431.3</b>	<b>1 371.6</b>
General revenue.....	183.6	1 130.8	223.0	1 228.2	239.0	1 256.2	285.0	1 285.2	320.8	1 316.0
Intergovernmental.....	(x)	21.9	1.2	47.1	1.3	55.6	1.4	62.4	1.6	69.6
From Federal government.....	(x)	21.9	(x)	47.1	(x)	55.6	(x)	62.4	(x)	69.6
From State governments.....	(x)	(1)	1.2	(1)	1.3	(1)	1.4	(1)	1.6	(1)
From local governments.....	(x)	(1)	(x)	(1)	(x)	(1)	(x)	(1)	(x)	(1)
From own sources.....	163.6	108.9	221.7	181.1	237.7	200.8	283.6	222.7	319.2	246.4
Taxes <sup>1</sup> .....	146.1	86.8	190.0	141.5	201.4	156.8	243.8	175.9	274.5	193.6
Property.....	(x)	34.1	(x)	51.5	(x)	57.0	(x)	62.5	(x)	66.4
Individual income.....	90.4	10.8	122.4	21.5	131.6	24.6	156.7	29.2	181.0	33.2
Corporation income.....	32.8	3.7	40.6	6.6	41.4	7.3	54.9	9.2	60.0	10.7
Sales and gross receipts <sup>2</sup> .....	18.3	30.3	21.1	49.8	21.7	54.5	23.2	60.6	25.4	67.6
General.....	(x)	16.1	(x)	29.1	(x)	32.0	(x)	36.3	(x)	41.5
Selective <sup>2</sup> .....	18.3	14.2	21.1	20.7	21.7	22.5	23.2	24.3	25.4	26.1
Motor fuel.....	3.8	6.3	4.5	8.3	4.6	8.7	4.9	9.2	5.1	9.6
Alcoholic beverages.....	4.7	1.5	5.3	2.1	5.4	2.2	5.4	2.3	5.6	2.4
Tobacco products.....	2.1	2.4	2.3	3.4	2.5	3.6	2.4	3.6	2.5	3.8
Public utilities.....	1.7	1.5	2.9	3.1	2.7	3.6	2.8	4.2	2.9	4.7
Death and gift tax.....	3.6	1.0	4.6	1.4	5.2	1.5	7.3	1.8	5.3	1.8
Charges and miscellaneous <sup>3</sup> .....	17.5	22.1	31.8	39.7	36.3	43.8	39.8	46.8	44.7	52.7
Education.....	(z)	5.8	(z)	9.1	1	10.4	1	10.3	1	11.4
Postal service.....	6.2	(x)	9.6	(x)	10.7	(x)	12.4	(x)	13.5	(x)
Hospitals.....	(z)	3.1	(z)	6.0	(z)	7.2	(z)	8.5	(z)	9.2
Natural resources <sup>4</sup> .....	2.3	.6	3.0	.8	3.2	1.0	4.5	1.3	6.2	1.5
Sewerage and sanitation.....	(x)	1.2	(x)	2.5	(x)	2.9	(x)	3.1	(x)	3.6
Utility and liquor stores.....	(x)	8.6	(x)	13.3	(x)	15.1	(x)	17.5	(x)	20.0
Insurance trusts.....	42.0	10.7	80.5	22.5	85.8	32.0	98.5	35.2	110.5	35.6

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

## NO. 484. ALL GOVERNMENTS—GENERAL EXPENDITURE, BY FUNCTION AND LEVEL: 1970 TO 1978

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. 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		1975		1976		1977		1978	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
<b>Total, all functions</b> .....	<b>166.9</b>	<b>1 131.3</b>	<b>253.5</b>	<b>1 230.7</b>	<b>289.7</b>	<b>1 256.7</b>	<b>315.4</b>	<b>1 274.2</b>	<b>348.0</b>	<b>1 297.0</b>
Direct general.....	143.7	131.3	203.9	229.7	220.6	255.6	241.4	272.8	268.8	295.5
Intergovernmental.....	23.3	(x)	49.6	<sup>2</sup> 1.0	69.1	<sup>2</sup> 1.2	74.0	<sup>2</sup> 1.4	79.2	<sup>2</sup> 1.5
National defense and international relations.....	84.3	(x)	93.9	(x)	98.0	(x)	105.6	(x)	114.8	(x)
Postal service.....	7.7	(x)	12.7	(x)	13.7	(x)	14.6	(x)	15.3	(x)
Education.....	8.9	52.7	16.1	87.9	18.3	97.2	18.0	102.8	19.6	110.8
Highways.....	4.9	16.4	5.1	22.5	6.5	23.9	6.4	23.1	6.5	24.6
Public welfare.....	10.4	14.7	26.6	28.2	30.9	31.4	34.4	34.6	36.6	39.1
Health and hospitals.....	4.9	9.7	8.0	18.8	9.1	20.7	9.9	23.0	10.6	24.9
Natural resources <sup>2</sup> .....	9.0	2.7	14.7	4.2	15.7	4.7	19.8	4.0	23.7	4.2
Housing and urban renewal.....	2.7	2.1	5.1	3.5	5.1	3.2	5.1	3.4	5.3	3.7
Space research and technology.....	3.7	(x)	3.3	(x)	3.7	(x)	4.0	(x)	4.0	(x)
Air transportation.....	1.2	1.0	2.0	1.4	2.2	1.5	2.4	1.3	2.9	1.6
Social insurance administration.....	1.7	.8	2.7	1.5	3.1	1.6	3.5	1.7	3.7	1.8
Interest on general debt.....	14.0	4.4	25.0	8.8	29.3	10.3	33.3	11.2	39.3	12.0
Other and combined.....	13.6	26.8	38.3	53.9	54.1	62.3	57.3	67.7	65.7	74.2

X Not applicable. <sup>1</sup>Excludes duplicative transactions between State and local governments. <sup>2</sup>State contributions to Federal government. <sup>3</sup>Excludes parks and recreation.

Source of tables 483 and 484: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on State and Local Government Finances and Employment, and Governmental Finances*, series GF No. 5, annual.

## NO. 485. ALL GOVERNMENTS—REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1978

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. 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		PER CAPITA <sup>1</sup> (dol.)	
					Federal	State and local <sup>2</sup>	Federal	State and local <sup>2</sup>
<b>Revenue</b> .....	<b>2 731,736</b>	<b>431,280</b>	<b>225,011</b>	<b>2 214,518</b>	<b>100.0</b>	<b>100.0</b>	<b>1,978</b>	<b>1,704</b>
Intergovernmental revenue.....	( <sup>2</sup> )	1,558	53,461	84,053	.4	18.7	7	319
Revenue from own sources.....	731,736	429,722	171,550	130,464	99.6	81.3	1,971	1,385
General revenue from own sources.....	565,583	319,215	135,638	110,730	74.0	66.3	1,464	1,130
Percent of total revenue.....	77.3	74.0	60.3	51.6	(x)	(x)	(x)	(x)
Taxes <sup>3</sup> .....	468,161	274,519	113,261	80,381	63.7	52.1	1,259	888
Property.....	66,422	(x)	2,364	64,058	(x)	17.9	(x)	305
Individual income.....	214,164	180,988	29,105	4,071	42.0	8.9	830	152
Corporation income.....	70,690	59,952	10,738	(*)	13.9	2.9	275	49
Sales and gross receipts.....	93,049	25,453	58,270	9,326	5.9	18.2	117	310
Customs duties.....	6,823	6,823	(x)	(x)	1.6	(x)	31	(x)
General sales and gross receipts.....	41,473	(x)	35,280	6,193	(x)	11.2	(x)	190
Selective sales and gross receipts <sup>3</sup> .....	44,753	18,630	22,980	3,133	4.3	7.0	85	120
Motor fuel.....	14,681	5,083	9,501	97	1.2	2.6	23	44
Alcoholic beverages.....	8,018	5,594	2,286	137	1.3	.7	26	11
Tobacco products.....	6,236	2,451	3,654	132	.6	1.0	11	17
Public utilities.....	7,578	2,902	2,617	2,060	.7	1.3	13	21
Motor vehicle and operators' licenses.....	5,167	(x)	4,836	331	(x)	1.4	(x)	24
Death and gift.....	7,127	5,285	1,842	-	1.2	.5	24	8
Charges and misc. general revenue <sup>3</sup> .....	97,422	44,696	22,377	30,349	10.4	14.2	205	242
Current charges <sup>3</sup> .....	61,836	27,135	13,554	21,146	6.3	9.3	124	159
National defense and international relations.....	4,074	4,074	(x)	(x)	.9	(x)	19	(x)
Postal service.....	13,481	13,481	(x)	(x)	3.1	(x)	62	(x)
Education <sup>3</sup> .....	11,487	74	7,658	3,734	(2)	3.1	(2)	52
School lunch sales.....	1,752	(x)	1,752	(x)	.5	(x)	(2)	8
Higher education.....	8,620	74	7,502	1,044	(2)	2.3	(2)	39
Natural resources.....	6,761	6,223	387	151	1.4	.1	29	2
Hospitals.....	9,269	42	2,721	6,506	(2)	2.5	(2)	42
Sewerage and sanitation.....	3,590	(x)	3	3,587	(x)	1.0	(x)	16
Parks and recreation.....	984	34	264	687	(2)	.3	(2)	4
Housing and urban renewal.....	1,691	658	58	975	.2	.3	3	5
Air transportation.....	1,429	20	155	1,253	(2)	.4	(2)	6
Water transport and terminals.....	704	49	182	473	(2)	.2	(2)	3
Special assessments.....	995	(x)	28	967	(x)	.3	(x)	5
Sale of property.....	791	445	79	267	.1	.1	2	2
Interest earnings.....	14,665	6,445	4,390	3,630	1.5	2.2	30	38
Utility revenue.....	17,252	(x)	962	16,290	(x)	4.6	(x)	79
Liquor stores revenue.....	2,759	(x)	2,388	371	(x)	.7	(x)	13
Insurance trust revenue.....	146,142	110,507	32,562	3,073	25.6	9.6	507	163
<b>Expenditure</b> .....	<b>2 745,438</b>	<b>479,297</b>	<b>203,832</b>	<b>2 211,081</b>	<b>100.0</b>	<b>100.0</b>	<b>2,198</b>	<b>1,590</b>
Intergovernmental expenditure.....	( <sup>2</sup> )	79,172	67,287	2,313	16.5	.4	363	7
General revenue sharing.....	6,823	6,823	(x)	(x)	1.4	(x)	31	(x)
Direct expenditure.....	745,438	400,125	136,545	208,788	83.5	99.6	1,835	1,584
General expenditure.....	564,338	268,028	112,515	182,995	56.1	85.2	1,233	1,355
Percent of total expenditure.....	75.7	56.1	55.2	86.7	(x)	(x)	(x)	(x)
Utility expenditure.....	23,960	(x)	1,544	22,416	(x)	6.9	(x)	110
Liquor stores expenditure.....	2,317	(x)	1,991	326	(x)	.7	(x)	11
Insurance trust expenditure.....	154,822	131,297	20,495	3,031	27.4	6.8	602	108
By character and object:								
Current operation.....	402,168	152,946	86,153	163,070	31.9	71.9	701	1,143
Capital outlay.....	81,058	36,289	16,064	28,705	7.5	12.9	166	205
Construction.....	44,720	8,521	13,260	22,939	1.8	10.4	39	166
Equip., land and existing structures.....	36,337	27,768	2,804	5,766	5.8	2.5	127	39
Assistance and subsidies.....	54,016	40,263	8,341	5,413	8.4	4.0	185	63
Interest on debt.....	53,374	39,330	5,493	8,551	8.2	4.0	180	64
Insurance benefits and repayments.....	154,822	131,297	20,495	3,031	27.4	6.8	602	108
Expenditure for salaries and wages.....	211,630	73,927	40,519	97,184	15.4	39.7	339	631

- Represents zero. X Not applicable. Z Less than .05 percent or \$.50. <sup>1</sup>Based on estimated resident population as of July 1, 1978. <sup>2</sup>Aggregates exclude duplicative transactions between levels of government; see source.

<sup>3</sup>Includes amounts not shown separately. <sup>4</sup>Minor amount included in individual income tax. <sup>5</sup>Includes pay and allowances of military personnel.

Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF 78, No. 5.

## NO. 486. ALL GOVERNMENTS—TAX REVENUE, BY SOURCE AND LEVEL: 1960 TO 1978

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507-512, Y 569-579, Y 567-562, Y 716-727, and Y 802-806]

SOURCE AND YEAR	ALL GOVERNMENT		FEDERAL <sup>1</sup>		STATE AND LOCAL		ANNUAL PERCENT CHANGE <sup>2</sup>			PER CAPITA <sup>3</sup> (dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
<b>Total:</b>											
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	64.5	28,126	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.....	263,342	100.0	153,733	58.4	59,870	49,739	2.6	11.7	13.2	738	526
1973.....	286,132	100.0	165,030	57.7	68,068	53,032	7.4	13.7	8.4	786	577
1974.....	286,132	100.0	165,030	57.7	74,207	58,467	11.6	9.0	6.6	871	618
1975.....	331,485	100.0	189,790	57.3	80,155	61,310	3.2	8.0	6.5	892	664
1976.....	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
1977.....	419,721	100.0	243,842	58.1	101,085	74,794	21.1	13.3	10.7	1,127	813
1978.....	468,161	100.0	274,519	58.6	113,281	80,381	12.6	12.0	7.5	1,259	888
<b>Individual income:</b>											
1960.....	43,176	38.2	40,715	94.3	2,209	*254	7.2	15.1	12.2	226	14
1965.....	52,882	36.5	48,792	92.3	3,657	*433	3.7	10.6	11.5	252	21
1970.....	101,224	43.5	90,412	89.3	9,183	*1,630	13.1	20.2	30.4	445	53
1972.....	109,954	47.1	94,737	86.2	12,996	*2,230	2.4	18.9	17.0	455	73
1973.....	121,243	42.9	103,246	85.2	15,587	*2,406	9.0	19.9	7.4	492	65
1974.....	138,443	43.9	118,952	85.9	17,078	*2,413	15.2	9.6	3	565	92
1975.....	143,840	43.4	122,386	85.1	18,819	*2,635	2.9	10.2	9.2	574	101
1976.....	156,178	43.6	131,603	84.3	21,448	*3,127	7.5	14.0	18.7	613	114
1977.....	185,970	44.3	156,725	84.3	25,493	*3,752	19.1	18.9	20.0	724	135
1978.....	214,164	45.7	180,988	84.5	29,105	*4,071	15.5	14.2	8.5	830	152
<b>Corporation income:</b>											
1960.....	22,674	20.0	21,494	94.8	1,180	(*)	3.8	9.9	(*)	119	7
1965.....	27,390	18.9	25,461	93.0	1,929	(*)	3.4	10.3	(*)	131	10
1970.....	36,567	15.7	32,923	89.8	3,738	(*)	5.2	14.2	(*)	162	18
1972.....	36,592	13.9	32,166	87.9	4,416	(*)	-1.0	8.7	(*)	154	21
1973.....	41,578	14.5	36,153	87.0	5,425	(*)	12.4	22.9	(*)	172	26
1974.....	44,835	14.1	38,820	86.6	6,015	(*)	6.8	10.9	(*)	183	28
1975.....	47,283	14.3	40,921	86.9	6,842	(*)	5.2	10.4	(*)	191	31
1976.....	48,892	13.6	41,409	85.1	7,273	(*)	1.9	9.6	(*)	182	34
1977.....	64,086	15.3	54,892	85.7	9,174	(*)	32.6	26.1	(*)	254	42
1978.....	70,590	15.1	59,952	84.8	10,738	(*)	9.2	17.0	(*)	275	49
<b>Sales and gross receipts:<sup>4</sup></b>											
1960.....	24,452	21.6	12,803	51.5	10,510	1,338	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	89
1970.....	46,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1972.....	57,619	21.9	20,101	34.9	33,250	4,288	4.8	10.5	17.9	97	180
1973.....	61,769	21.6	19,722	31.9	37,123	4,264	-1.9	11.7	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	8.9	16.7	99	234
1976.....	76,255	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
1977.....	83,775	20.0	23,180	27.7	52,362	6,232	6.7	10.5	15.0	107	280
1978.....	93,049	19.9	25,453	27.4	58,270	9,326	9.8	11.3	13.3	117	310
<b>Property:</b>											
1960.....	16,405	14.5	(x)	(x)	607	15,798	(x)	8.1	8.9	(x)	91
1965.....	22,583	15.6	(x)	(x)	786	21,817	(x)	8.8	6.7	(x)	117
1970.....	34,054	14.6	(x)	(x)	1,092	32,963	(x)	7.4	8.6	(x)	188
1972.....	42,877	16.3	(x)	(x)	1,257	41,620	(x)	7.3	12.4	(x)	206
1973.....	45,283	15.6	(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
1977.....	62,535	14.9	(x)	(x)	2,260	60,275	(x)	6.7	9.8	(x)	289
1978.....	66,422	14.1	(x)	(x)	2,364	64,058	(x)	4.6	6.3	(x)	305
<b>Other taxes:<sup>6</sup></b>											
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.....	16,301	6.2	6,729	41.3	7,951	1,621	21.7	9.0	17.5	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
1977.....	23,375	5.6	9,045	38.7	11,796	2,534	35.3	7.0	6.0	42	66
1978.....	23,335	5.1	8,126	34.1	12,784	2,925	-10.2	8.4	15.4	37	72

X Not applicable. <sup>1</sup> Corporation income taxes include excess profits tax, normal tax, and surtax. <sup>2</sup> For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (-) denotes decrease. <sup>3</sup> See footnote 4, table 480. <sup>4</sup> Corporation included with individual income. <sup>5</sup> Federal taxes include customs. <sup>6</sup> Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

## NO. 487. ALL GOVERNMENTS—EXPENDITURE FOR CAPITAL OUTLAY: 1960 TO 1978

[In millions of dollars. Local government data are estimates subject to sampling variation; see Appendix III. 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
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 .....	71,631	25,100	46,531	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977 .....	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978, total .....	81,058	36,289	44,769	16,064	28,705	44,720	8,521	36,199	13,260	22,939
National defense <sup>1</sup> .....	26,361	26,361	(x)	(x)	(x)	2,459	2,459	(x)	(x)	(x)
Space research <sup>2</sup> .....	242	242	(x)	(x)	(x)	159	159	(x)	(x)	(x)
Education .....	8,732	58	8,674	2,617	6,057	5,903	30	5,873	1,715	4,157
Higher education .....	2,593	(x)	2,593	2,075	518	1,610	(x)	1,610	1,258	352
Local schools .....	5,709	(x)	5,709	170	5,539	3,952	(x)	3,952	147	3,805
Other .....	430	58	372	372	(x)	341	30	311	311	(x)
Highways .....	12,983	85	12,898	9,687	3,211	11,605	83	11,522	8,782	2,741
Natural resources .....	6,244	5,601	643	348	296	4,541	4,134	407	163	244
Health and hospitals .....	2,505	627	1,878	898	980	1,794	351	1,443	684	760
Sewerage .....	4,366	(x)	4,366	185	4,180	4,158	(x)	4,156	183	3,973
Parks and recreation .....	2,548	996	1,552	375	1,177	1,509	482	1,027	214	813
Housing, urban renewal .....	1,804	365	1,439	62	1,378	1,153	(x)	1,153	54	1,099
Air transportation .....	923	146	777	137	641	696	30	666	130	535
Water transport <sup>3</sup> .....	658	341	317	84	233	596	331	265	68	197
Utilities .....	6,597	(x)	6,597	369	6,228	5,806	(x)	5,806	360	5,447
All other .....	7,095	1,467	5,628	1,304	4,324	4,342	462	3,880	908	2,972

X Not applicable. <sup>1</sup> Includes international relations. <sup>2</sup> Includes technology. <sup>3</sup> Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*; vol. 6, No. 4, *Historical Statistics on Government Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

## NO. 488. ALL GOVERNMENTS—GROSS AND NET STOCK OF GOVERNMENT-OWNED FIXED CAPITAL AND GROSS CAPITAL FORMATION IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[In billions of dollars]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS										
All governments:										
Gross stock .....	500.9	651.4	1,003.3	1,351.0	1,560.9	1,699.8	1,814.5	2,010.5	2,250.6	2,581.0
Equipment .....	139.5	166.1	223.2	254.6	282.8	319.4	347.2	386.9	421.5	474.5
Structures .....	361.4	483.3	780.1	1,096.4	1,278.1	1,380.4	1,467.3	1,623.6	1,829.1	2,106.5
Net stock .....	306.1	404.2	627.4	845.9	977.1	1,056.9	1,120.6	1,233.2	1,375.5	1,564.6
Equipment .....	75.1	89.6	115.7	133.2	148.8	167.1	181.0	200.9	219.7	245.9
Structures .....	231.0	314.6	511.7	712.7	828.3	889.8	939.6	1,032.3	1,155.8	1,318.7
Gross fixed capital formation .....	16.6	26.4	33.2	38.6	45.8	47.8	46.0	45.7	53.8	57.4
Depreciation .....	8.5	10.9	17.2	22.7	27.2	31.1	32.7	35.5	40.0	45.4
Net fixed capital formation .....	8.1	15.5	16.0	15.9	18.6	16.7	13.3	10.2	13.8	12.0
State and local governments:										
Gross stock .....	275.9	378.6	636.8	909.0	1,072.9	1,162.9	1,238.4	1,377.6	1,562.3	1,793.5
Equipment .....	16.6	20.8	34.5	48.0	61.0	70.9	80.4	90.3	100.9	114.0
Structures .....	259.3	357.8	602.3	861.0	1,011.9	1,092.0	1,158.0	1,287.3	1,461.4	1,679.5
Net stock .....	176.3	247.7	426.8	605.5	711.8	766.9	810.8	894.1	1,005.4	1,143.2
Equipment .....	9.3	10.9	20.5	29.4	37.3	42.9	47.9	52.9	57.9	63.9
Structures .....	167.0	236.8	406.3	576.1	674.5	724.0	762.9	841.2	947.5	1,079.3
Gross fixed capital formation .....	14.3	21.4	29.8	34.7	41.2	42.5	40.4	39.6	46.6	49.4
Depreciation .....	5.9	7.8	12.9	17.7	21.6	24.7	26.1	28.4	32.4	36.9
Net fixed capital formation .....	8.4	13.6	16.9	17.0	19.6	17.8	14.3	11.2	14.2	12.5
CONSTANT (1972) DOLLARS										
State and local governments:										
Gross stock .....	445.0	554.7	698.0	773.8	799.7	823.1	843.2	861.0	879.8	895.5
Net stock .....	284.7	363.5	468.1	515.3	530.8	543.1	552.2	558.6	565.8	570.3
Gross fixed capital formation .....	22.9	31.6	33.8	32.4	33.0	30.9	28.5	26.3	27.9	26.5

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1980.



## NO. 489. DEPENDENCY OF STATE AND LOCAL GOVERNMENTS ON OUTSIDE AID: 1960 TO 1979

[In billions of dollars, except percent. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, est.
Federal aid to States.....	6.4	9.9	19.3	31.4	31.6	36.1	42.0	45.9	50.2	53.5
Percent of State general revenue from own sources.....	31.0	32.3	33.5	39.0	35.5	37.3	39.1	37.9	37.0	36.8
Direct Federal aid to local governments.....	.6	1.2	2.6	7.9	10.2	10.9	13.6	16.6	19.4	19.6
Percent of local general revenue from own sources.....	2.6	3.6	5.1	11.2	13.3	12.9	14.6	16.3	17.5	17.0
State aid to local governments <sup>1</sup> .....	10.1	15.2	29.5	47.9	54.8	62.0	69.7	76.9	84.1	90.4
Percent of local general revenue from own sources.....	44.1	46.9	57.5	67.9	71.3	73.5	74.8	75.4	75.9	78.0

<sup>1</sup>Includes indirect Federal aid passed through States. Such aid in 1979 is estimated to be approximately \$16 billion.Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, annual*.

## NO. 490. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1965 TO 1980

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

Includes 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	1974	1975	1976	1977	1978	1979	1980, est.
<b>Grant-in-aid shared revenue<sup>1</sup>.....</b>	<b>10,904</b>	<b>24,014</b>	<b>43,356</b>	<b>49,834</b>	<b>59,093</b>	<b>68,414</b>	<b>77,889</b>	<b>82,858</b>	<b>88,945</b>
Natural resources and environment.....	182	429	1,994	2,436	3,026	4,189	3,898	4,630	4,821
Environmental Protection Agency.....	75	194	1,623	2,025	2,563	3,724	3,390	3,982	4,108
Energy.....	9	25	36	43	56	74	180	183	472
Agriculture.....	517	603	480	404	425	371	426	456	509
Transportation <sup>1</sup> .....	4,100	4,538	5,279	5,864	7,980	8,299	8,837	10,438	11,513
Airports.....	71	83	243	292	269	335	562	556	620
Highways.....	4,018	4,334	4,512	4,702	6,270	6,027	6,110	7,329	8,053
Railroads.....	-	-	-	(2)	2	22	35	52	86
Urban mass transit.....	11	105	348	689	1,262	1,616	1,972	2,408	2,538
Community and regional development <sup>1</sup> .....	644	1,780	2,702	2,842	3,445	4,496	7,078	6,641	5,786
Appalachian development.....	-	184	286	306	315	246	257	297	296
Community development block grants.....	(x)	(x)	(x)	38	983	2,089	2,464	3,161	3,500
Urban renewal.....	280	1,054	1,205	1,374	1,166	899	392	298	260
Education, employ., training, social services <sup>1</sup> .....	1,050	6,390	9,345	12,133	14,141	15,753	20,557	22,249	21,865
Elementary and secondary education.....	81	1,470	1,665	2,276	2,159	2,340	2,801	3,114	3,387
School assistance in federally affected areas.....	341	622	530	577	558	719	706	958	727
Vocational and adult education.....	132	285	569	652	748	692	691	769	850
Library and learning resources.....	26	105	137	210	137	160	209	255	273
Work incentives.....	-	81	323	304	299	348	353	372	352
Human development.....	29	390	679	803	760	950	1,119	1,278	1,415
Employment and training assistance.....	23	421	1,137	2,504	2,853	2,940	4,251	5,397	6,183
Temporary employment assistance.....	(x)	(x)	(x)	319	1,887	2,340	4,769	3,285	1,926
Social services.....	-	574	1,471	2,047	2,252	2,534	2,809	3,091	3,108
Health <sup>1</sup> .....	624	3,850	7,322	8,810	10,914	12,104	12,725	14,377	16,209
Alcohol, drug abuse, and mental health.....	8	80	302	590	535	471	605	594	613
Medicaid.....	272	2,727	5,818	6,840	8,568	9,876	10,680	12,407	14,180
Income security <sup>1</sup> .....	3,506	5,619	8,633	9,395	10,948	12,663	13,782	14,740	18,364
Public assistance.....	2,787	4,142	5,423	5,121	5,649	6,351	6,616	6,584	7,005
Food stamps—Administration <sup>2</sup> .....	32	559	48	136	267	271	298	324	350
Child nutrition and special milk programs.....	263	379	793	1,565	1,878	2,775	2,526	2,862	3,306
Housing assistance.....	208	436	1,116	1,326	1,588	1,814	2,412	2,773	3,654
Administration of justice.....	-	42	639	725	795	713	572	517	473
General government.....	13	49	94	100	116	133	164	202	194
General purpose fiscal assistance.....	214	430	6,730	6,971	7,102	9,438	9,523	8,233	8,569
General revenue sharing.....	(x)	(x)	6,106	6,130	6,243	6,758	6,823	6,848	6,863
<b>Percent distribution<sup>1</sup>.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Natural resources and environment.....	1.7	1.8	4.6	4.9	5.1	6.1	5.0	5.6	5.4
Energy.....	.1	.1	.1	.1	.1	.1	.2	.2	.5
Agriculture.....	4.7	2.5	1.1	.8	.7	.5	.5	.6	.6
Transportation.....	37.6	18.9	12.2	11.7	13.5	12.1	11.3	12.6	12.9
Community and regional development.....	5.9	7.4	6.2	5.7	5.8	6.6	9.1	8.0	6.5
Education, employ., training, social services.....	9.6	26.6	21.6	24.3	23.9	23.0	26.4	26.9	24.6
Health.....	5.7	16.0	16.9	17.7	18.5	17.7	16.3	17.4	16.2
Income security.....	32.2	24.2	19.9	18.8	18.5	18.5	17.7	17.8	20.6
Administration of justice.....	-	.7	1.5	1.5	1.3	1.0	.7	.6	.5
General purpose fiscal assistance.....	2.0	1.8	15.5	14.0	12.0	13.8	12.2	9.9	9.6

- Represents zero. X Not applicable. Z Less than \$500,000. <sup>1</sup>Includes items not shown separately.<sup>2</sup>Estimated.

Source: U.S. Office of Management and Budget, unpublished data.

**NO. 491. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, TOTAL, 1970 TO 1979, AND BY STATES AND OTHER AREAS, 1979**

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

YEAR AND STATE OR OTHER AREA	Total Federal aid <sup>1</sup>	Federal aid per capita <sup>2</sup> (dol.)	HEW <sup>3</sup>		DEPARTMENT OF—		OE, <sup>5</sup> elementary and secondary education	EPA, <sup>6</sup> waste treatment facilities construction	HUD <sup>7</sup>		ETA, CETA <sup>8</sup> program
			Public assistance, total <sup>4</sup>	Medicaid	Treasury, general revenue sharing	Transportation, highway fund			Low-rent public housing	Community development block grants	
1970, total.....	24,194	110	7,445	(x)	(x)	4,300	1,469.5	(NA)	434.5	(x)	420.1
1975, total.....	49,723	228	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1976, total.....	59,108	342	16,559	8,568	6,238	6,482	2,130.2	2,428.5	1,559.2	982.8	2,874.1
1977, total.....	68,437	305	18,750	9,860	6,758	6,005	2,339.1	3,529.6	1,984.3	2,088.8	2,939.7
1978, total.....	77,901	345	20,094	10,668	6,823	5,749	2,601.3	3,186.8	2,635.1	2,464.3	4,250.9
1979, total <sup>9</sup> .....	82,853	367	22,094	12,411	6,848	6,762	3,114.0	3,756.1	2,773.0	3,161.2	5,398.0
<b>U.S., total<sup>10</sup>.....</b>	<b>80,800</b>	<b>367</b>	<b>21,821</b>	<b>12,378</b>	<b>6,848</b>	<b>6,722</b>	<b>3,061.2</b>	<b>3,722.7</b>	<b>2,708.5</b>	<b>3,073.1</b>	<b>5,249.7</b>
Ala.....	1,368	363	282	179	109	185	75.5	27.3	56.5	56.8	91.1
Alaska.....	389	958	34	15	22	75	15.5	4.5	11.1	3.0	10.0
Ariz.....	809	330	43	(x)	78	131	56.6	17.2	22.4	19.8	59.3
Ark.....	847	389	222	150	67	75	42.2	23.2	24.5	30.5	55.0
Calif.....	8,251	364	2,811	1,451	774	429	198.4	412.3	228.2	266.0	569.9
Colo.....	943	340	186	94	76	122	35.9	19.4	24.7	27.9	52.6
Conn.....	1,075	345	298	158	86	71	36.8	68.7	43.4	55.0	80.1
Del.....	233	400	44	21	21	24	12.0	8.1	9.0	7.6	14.9
D.C.....	1,139	1,736	141	75	30	8	49.2	11.4	26.3	64.2	32.0
Fla.....	2,398	271	417	224	202	246	93.1	126.3	88.5	102.0	239.9
Ga.....	2,181	426	413	281	150	267	200.0	63.4	81.1	64.1	127.5
Hawaii.....	408	446	98	44	34	55	14.9	8.3	14.6	11.8	20.7
Idaho.....	337	372	63	35	25	46	13.6	7.5	4.6	8.9	19.2
Ill.....	3,783	337	1,123	569	343	240	140.1	213.6	160.4	170.4	236.2
Ind.....	1,392	258	297	185	140	140	43.2	109.3	52.7	58.1	117.8
Iowa.....	878	303	201	110	82	122	40.0	34.5	16.0	29.5	48.1
Kans.....	723	305	160	91	60	89	29.3	32.4	18.8	36.6	39.5
Ky.....	1,350	383	335	189	111	185	50.5	43.0	41.5	45.3	101.5
La.....	1,513	377	400	266	149	117	69.8	26.1	47.7	54.6	87.1
Maine.....	508	463	157	96	45	55	14.1	25.2	15.4	13.6	29.5
Md.....	1,578	380	346	180	137	155	60.7	67.3	61.9	66.4	85.2
Mass.....	2,726	473	851	518	219	114	76.0	153.0	115.4	119.1	161.2
Mich.....	3,569	388	1,200	605	287	180	115.4	344.6	62.1	111.6	246.0
Minn.....	1,515	373	443	298	137	151	50.3	56.7	63.6	55.2	83.3
Miss.....	1,046	431	251	172	101	66	60.0	18.1	22.5	32.6	61.1
Mo.....	1,514	311	276	160	129	191	55.9	52.2	54.5	73.5	110.1
Mont.....	434	552	56	38	25	80	15.8	6.2	9.8	6.4	19.1
Nebr.....	475	302	107	62	42	50	35.4	17.9	14.3	12.8	26.6
Nev.....	277	395	32	19	17	60	10.0	27.0	9.8	5.7	16.9
N.H.....	293	330	64	39	23	34	12.8	35.1	9.2	7.0	17.3
N.J.....	2,716	370	767	366	224	128	80.4	187.1	128.9	110.8	211.4
N. Mex.....	617	497	95	50	44	78	34.2	8.6	13.9	18.0	30.9
N.Y.....	8,872	503	3,129	1,870	769	502	267.0	389.1	353.9	373.9	484.4
N.C.....	1,789	319	437	257	170	178	75.5	61.5	64.8	65.4	130.3
N. Dak.....	295	449	38	23	17	43	14.2	6.4	11.9	6.7	11.4
Ohio.....	3,071	286	829	411	279	246	90.8	220.9	122.7	145.3	245.8
Okla.....	949	328	279	177	73	75	38.9	32.9	40.9	37.5	57.1
Oreg.....	1,071	424	228	111	76	111	34.3	45.2	22.4	19.6	64.0
Pa.....	4,099	349	1,320	695	335	108	118.2	227.0	158.5	202.8	289.0
R.I.....	412	443	126	81	29	18	15.6	13.6	21.0	22.1	27.4
S.C.....	987	327	235	147	92	93	51.3	43.0	19.8	33.1	75.7
S. Dak.....	216	459	54	34	22	42	13.0	8.9	13.5	7.9	12.0
Tenn.....	1,507	344	361	244	126	143	59.5	43.1	59.2	64.1	104.3
Tex.....	3,592	258	920	636	337	312	192.3	67.2	113.3	156.1	265.3
Utah.....	456	334	105	63	41	65	12.2	10.6	5.8	12.2	24.1
Vt.....	242	491	71	42	20	22	9.9	15.6	6.1	4.1	12.4
Va.....	1,701	327	381	188	142	297	58.7	79.2	49.2	66.8	102.4
Wash.....	1,417	361	321	178	96	195	39.1	62.9	24.4	41.2	99.1
W. Va.....	772	411	138	66	63	121	24.3	31.4	16.3	21.8	44.5
Wis.....	1,725	365	618	403	159	141	104.9	86.6	49.0	44.4	93.5
Wyo.....	243	540	18	7	13	43	6.5	1.9	2.4	3.0	6.1
Puerto Rico.....	1,309	(NA)	114	30	-	19	44.8	28.0	55.8	73.8	137.5
Virgin Islands.....	229	(NA)	3	1	-	-	3.2	7	4.8	3.2	4.8
Other <sup>10</sup> .....	281	(NA)	4	1	-	(z)	4.9	4.7	3.8	3.6	6.1

- Represents zero. NA Not available. X Not applicable. Z Less than \$500,000. <sup>1</sup>Includes amounts not shown separately. <sup>2</sup>Per capita for U.S. only; excludes funds paid to, and population residing in, Puerto Rico, Virgin Islands, and "Other areas". Based on Bureau of the Census estimated resident population as of July 1, including Armed Forces stationed in area. <sup>3</sup>Department of Health, Education, and Welfare (became Department of Health and Human Services in spring 1980). <sup>4</sup>Includes child support enforcement, maintenance assistance, social services, and State and local training not shown separately. <sup>5</sup>Office of Education (became the Department of Education in spring 1980). Because of slight differences in accounting, data in some years will not agree with that shown in table 490. <sup>6</sup>Environmental Protection Agency. <sup>7</sup>Department of Housing and Urban Development. <sup>8</sup>Employment and Training Administration, Comprehensive Employment and Training Act. <sup>9</sup>For some categories, total includes a small amount of funds not distributed by State or other area. <sup>10</sup>American Samoa, Guam, and Trust Territory of the Pacific Islands.

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

## NO. 492. STATE AND LOCAL GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1978

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

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	1960	1965	1970	1974	1975	1976	1977	1978	
								Total	Per cent
<b>Revenue</b> .....	<b>60,277</b>	<b>87,777</b>	<b>150,106</b>	<b>237,856</b>	<b>264,013</b>	<b>303,287</b>	<b>337,870</b>	<b>371,607</b>	<b>100.0</b>
From Federal Government <sup>1</sup> .....	6,974	11,029	21,857	41,820	47,034	55,589	62,444	69,592	18.7
Public welfare.....	2,070	3,098	7,574	13,432	14,357	17,000	18,885	20,176	5.4
Highways.....	2,905	3,997	4,608	4,552	5,320	6,839	6,461	6,401	1.7
Education.....	950	1,877	5,844	7,867	9,078	9,871	10,347	11,445	3.1
Employment security administration.....	325	413	664	1,299	1,525	1,664	1,833	1,887	.5
Revenue sharing.....	(x)	(x)	(x)	6,516	6,245	6,252	6,614	6,810	1.8
Other and unallocable.....	724	1,844	3,167	8,154	10,509	14,463	18,298	22,873	6.2
<b>From State and local sources</b> .....	<b>53,302</b>	<b>76,748</b>	<b>128,248</b>	<b>196,036</b>	<b>216,979</b>	<b>247,697</b>	<b>275,426</b>	<b>302,014</b>	<b>81.3</b>
General, net intergovernmental.....	43,530	62,971	108,898	165,850	181,137	200,586	222,712	246,368	66.3
Taxes.....	36,117	51,243	86,795	130,673	141,465	156,813	175,936	193,642	52.1
Property.....	16,405	22,583	34,054	47,705	51,491	57,001	62,527	66,422	17.9
Sales and gross receipts.....	11,849	17,118	30,322	46,098	49,815	54,547	60,641	67,596	18.2
Individual income.....	2,463	4,090	10,812	19,491	21,454	24,575	29,246	33,176	8.9
Corporation income.....	1,180	1,929	3,738	6,015	6,642	7,273	9,174	10,738	2.9
Other.....	4,220	5,521	7,668	11,364	12,063	13,417	14,348	15,709	4.2
Charges and miscellaneous.....	7,414	11,729	22,103	35,177	39,668	43,774	46,776	52,726	14.2
Utility and liquor stores.....	4,877	6,355	8,614	11,747	13,335	15,128	17,541	20,011	5.4
Water supply system.....	1,529	2,004	2,687	3,712	4,142	4,463	4,995	5,512	1.5
Electric power system.....	1,307	1,833	2,385	3,763	4,689	5,819	7,142	8,675	2.3
Transit system.....	581	776	1,135	1,386	1,411	1,566	1,991	2,058	.6
Gas supply system.....	196	295	401	551	625	725	852	1,009	.3
Liquor stores.....	1,264	1,447	2,006	2,355	2,468	2,553	2,660	2,759	.7
Insurance trust revenue <sup>2</sup> .....	4,896	7,422	10,736	18,439	22,507	31,985	35,172	35,635	9.6
Employee retirement.....	2,099	3,423	6,493	10,800	12,354	14,533	17,166	19,025	5.1
Unemployment compensation.....	2,323	3,244	3,101	5,729	8,155	15,183	15,296	13,158	3.5
<b>Direct expenditure</b> .....	<b>60,999</b>	<b>86,686</b>	<b>148,052</b>	<b>225,691</b>	<b>268,241</b>	<b>303,049</b>	<b>323,168</b>	<b>345,313</b>	<b>100.0</b>
<b>By function:</b>									
Direct general expenditure <sup>3</sup> .....	51,876	74,678	131,332	198,618	229,747	255,550	272,829	295,510	85.5
Education <sup>4</sup> .....	18,719	28,593	52,718	75,833	87,595	97,216	102,780	110,758	32.1
Higher education <sup>5</sup> .....	3,202	5,893	12,924	18,884	21,702	24,304	25,972	28,391	8.2
Local schools.....	15,166	21,956	37,461	53,059	61,465	67,674	71,546	76,703	22.2
Highways.....	9,428	12,221	16,427	19,946	22,528	23,907	23,058	24,609	7.1
Public welfare.....	4,404	6,315	14,679	24,744	27,181	31,423	34,529	37,679	10.9
Health.....	559	835	1,806	5,452	4,414	4,960	5,497	6,303	1.8
Hospitals.....	3,295	4,525	7,863	12,493	14,432	15,725	17,542	18,648	5.4
Police protection.....	1,857	2,549	4,494	7,289	8,526	9,531	10,445	12,877	3.7
Fire protection.....	995	1,306	2,024	3,037	3,522	3,998	4,412	4,802	1.4
Natural resources.....	1,189	1,681	2,732	3,661	4,223	4,662	4,049	4,225	1.2
Sanitation and sewerage.....	1,727	2,360	3,413	5,895	7,438	8,239	9,426	9,869	2.9
Housing and urban renewal.....	858	1,250	2,138	3,461	3,462	3,151	3,387	7,142	2.1
Parks and recreation.....	770	1,104	1,888	2,951	3,462	3,864	4,916	5,270	1.5
Financial administration.....	2,113	1,287	2,030	3,165	3,584	3,960	4,489	5,292	1.5
General control.....		1,506	2,652	4,371	5,046	5,711	6,259	7,001	2.0
Interest on general debt <sup>4</sup> .....	1,670	2,499	4,374	7,666	8,782	10,269	11,234	11,983	3.5
Utility and liquor stores <sup>4</sup> .....	5,088	7,058	9,447	14,406	17,285	19,542	24,191	26,277	7.6
Water supply system.....	1,881	2,505	3,211	4,669	5,440	5,929	6,381	6,886	2.0
Electric power system.....	1,244	1,983	2,486	4,152	5,280	6,428	9,313	10,567	3.1
Transit system.....	750	1,127	1,753	3,161	3,977	4,432	5,598	5,573	1.6
Gas supply system.....	191	272	370	505	580	661	803	915	.3
Liquor stores.....	1,022	1,172	1,627	1,919	2,009	2,091	2,096	2,317	.7
Insurance trust expenditure <sup>2</sup> .....	4,031	4,950	7,273	12,667	21,209	27,954	26,149	23,526	6.8
Employee retirement.....	1,265	2,298	3,628	6,639	7,443	8,422	9,567	10,774	3.1
Unemployment compensation.....	2,364	2,006	2,723	4,703	12,311	17,903	14,697	10,740	3.1
<b>By character and object:</b>									
Current operation.....	36,318	54,062	97,915	154,810	180,976	204,387	225,650	249,222	72.2
Capital outlay.....	15,104	20,535	29,650	38,084	44,824	46,531	45,154	44,769	13.0
Construction.....	12,352	16,413	24,252	30,542	36,356	38,299	36,334	36,199	10.5
Land and existing structures <sup>5</sup> .....	1,560	2,471	2,631	3,350	3,367	2,857	8,820	8,569	2.5
Equipment <sup>5</sup> .....	1,192	1,652	2,768	4,192	5,101	5,375			
Assistance and subsidies.....	3,518	4,127	8,080	11,290	11,146	12,494	13,077	13,753	4.0
Interest on debt (gen. and util.).....	2,028	3,012	5,123	8,840	10,087	11,681	13,137	14,044	4.1
Insur. benefits and repayments.....	4,031	4,950	7,273	12,667	21,209	27,954	26,149	23,525	6.8
<b>Expenditure for salaries and wages</b> .....	<b>24,445</b>	<b>36,095</b>	<b>62,998</b>	<b>94,054</b>	<b>106,168</b>	<b>116,466</b>	<b>126,330</b>	<b>137,703</b>	<b>39.9</b>
<b>Debt outstanding, end of year</b> .....	<b>69,955</b>	<b>99,512</b>	<b>143,570</b>	<b>206,616</b>	<b>219,922</b>	<b>240,532</b>	<b>259,658</b>	<b>280,433</b>	<b>100.0</b>
Long-term.....	66,801	94,204	131,415	189,953	200,140	221,754	246,816	269,003	95.9
Short-term.....	3,154	5,309	12,155	16,663	19,786	18,777	12,842	11,430	4.1
Net change, end of year.....	5,845	7,290	10,022	18,131	14,608	19,134	15,542	21,311	(x)

X Not applicable. <sup>1</sup> Beginning 1974, based on estimates; prior years based on Federal expenditures. <sup>2</sup> Includes amounts not shown separately. <sup>3</sup> State institutions. <sup>4</sup> Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below. <sup>5</sup> See footnote 4, table 481.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

# **No. 493. STATE AND LOCAL GOVERNMENT RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1960 TO 1979**

[In billions of dollars. Includes trust accounts transactions. For national income explanation, see text, p. 435]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Receipts.....</b>	<b>49.9</b>	<b>75.1</b>	<b>134.9</b>	<b>193.5</b>	<b>210.4</b>	<b>236.9</b>	<b>268.0</b>	<b>298.8</b>	<b>331.0</b>	<b>354.6</b>
General, own source.....	39.9	59.0	101.5	140.8	152.6	165.9	187.2	207.7	226.6	243.7
Personal tax and nontax receipts <sup>1</sup> .....	6.7	10.9	23.1	36.1	39.2	43.4	49.9	56.8	64.1	69.9
Income taxes.....	2.5	4.4	11.1	19.1	20.6	22.8	26.7	30.9	35.6	37.6
Nontaxes.....	2.0	3.5	7.7	11.5	12.8	14.5	16.4	18.5	20.8	23.7
Corporate profits tax accruals.....	1.2	2.0	3.7	5.7	6.5	7.1	9.3	10.9	12.5	14.4
Indirect business tax and nontax accruals <sup>1</sup> .....	32.0	46.1	74.7	99.0	106.9	115.4	128.0	140.0	150.0	159.5
Sales taxes.....	12.2	18.2	31.5	44.0	48.0	51.5	57.8	63.9	71.3	78.1
Property taxes.....	16.2	23.2	36.5	46.0	48.7	52.8	57.9	62.4	63.2	63.9
Contributions for social insurance.....	3.4	5.0	9.0	12.1	13.9	16.4	19.7	23.6	27.1	30.5
Federal grants-in-aid.....	6.5	11.1	24.4	40.6	43.9	54.6	61.1	67.5	77.3	80.4
<b>Expenditures <sup>2</sup>.....</b>	<b>49.8</b>	<b>75.1</b>	<b>132.2</b>	<b>180.5</b>	<b>202.8</b>	<b>230.6</b>	<b>250.1</b>	<b>271.9</b>	<b>303.6</b>	<b>330.0</b>
Purchases of goods and services <sup>1</sup> .....	46.5	71.1	123.2	167.3	191.5	215.4	231.6	251.8	283.0	309.8
Compensation of employees.....	25.5	39.3	70.0	97.1	106.5	119.6	131.2	143.7	157.8	171.4
Structures.....	12.3	18.4	25.1	28.4	33.8	34.7	32.3	31.1	37.6	40.0
Medical vendor payments.....	.4	1.2	4.9	8.3	9.9	12.4	14.2	15.5	17.2	19.2
Transfer payments to persons <sup>1</sup> .....	5.4	7.3	14.6	20.3	20.5	24.5	27.4	30.2	33.3	36.2
Social insurance fund benefits.....	1.8	2.8	4.8	7.1	8.2	9.6	11.1	12.8	14.4	16.5
Direct relief.....	3.3	4.0	8.4	11.3	10.0	11.9	12.8	13.5	13.6	14.0
Net interest and subsidies <sup>3</sup> .....	-2.1	-3.3	-5.6	-7.3	-8.1	-9.3	-8.9	-10.0	-12.6	-16.2
<b>Surplus.....</b>	<b>.1</b>	<b>-</b>	<b>2.8</b>	<b>13.0</b>	<b>7.6</b>	<b>6.2</b>	<b>17.9</b>	<b>26.8</b>	<b>27.4</b>	<b>24.7</b>

- Represents zero. <sup>1</sup> Includes other items not shown separately. <sup>2</sup> Include wage accruals less disbursements of \$20 million in 1973, \$175 million in 1978, and -\$135 million in 1979, not shown separately.  
<sup>3</sup> 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 1979, and March 1980, and unpublished data.

## **No. 494. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUES AND DIRECT GENERAL EXPENDITURES: 1960 TO 1978**

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. See *Historical Statistics, Colonial Times to 1970*, series Y 652-709, for totals]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>General revenue (bil. dol.).....</b>	<b>50.5</b>	<b>74.0</b>	<b>130.8</b>	<b>167.5</b>	<b>190.2</b>	<b>207.7</b>	<b>228.2</b>	<b>256.2</b>	<b>285.2</b>	<b>316.0</b>
<b>Percent of total:</b>										
From Federal Government.....	13.8	14.9	16.7	18.7	20.6	20.1	20.6	21.7	21.9	22.0
Taxes.....	71.5	69.2	66.4	65.4	63.7	62.9	62.0	61.2	61.7	61.3
Property.....	32.5	30.5	26.0	25.3	23.8	23.0	22.6	22.3	21.9	21.0
Sales and gross receipts.....	23.5	23.1	23.2	22.5	22.1	22.2	21.8	21.3	21.3	21.4
Individual income.....	4.9	5.5	8.3	9.2	9.5	9.4	9.4	9.6	10.3	10.5
Other.....	10.7	10.1	8.3	8.4	8.3	8.4	8.2	8.1	8.2	8.4
Charges and miscellaneous.....	14.7	15.9	16.9	15.9	15.7	16.9	17.4	17.1	16.4	16.7
<b>Per capita, total <sup>1</sup> (dol.).....</b>	<b>281</b>	<b>382</b>	<b>643</b>	<b>805</b>	<b>956</b>	<b>983</b>	<b>1,071</b>	<b>1,193</b>	<b>1,318</b>	<b>1,449</b>
From Federal Government.....	39	57	108	151	167	198	221	259	289	319
Taxes.....	201	264	427	525	577	618	664	731	813	888
Property tax.....	91	117	168	206	216	226	242	266	289	305
Charges and miscellaneous.....	41	61	109	128	142	166	186	204	216	242
<b>Direct gen'l expenditure (bil. dol.).....</b>	<b>51.9</b>	<b>74.7</b>	<b>131.3</b>	<b>168.5</b>	<b>181.4</b>	<b>198.6</b>	<b>229.7</b>	<b>255.6</b>	<b>272.8</b>	<b>295.5</b>
<b>Percent of total:</b>										
Education.....	36.1	38.2	40.1	39.1	38.5	38.2	38.2	38.0	37.7	37.5
Highways.....	18.2	16.4	12.5	11.3	10.3	10.0	9.8	9.4	8.5	8.3
Public welfare.....	8.5	8.5	11.2	12.5	13.0	12.5	11.8	12.3	12.7	12.8
Health and hospitals.....	7.5	7.2	7.4	7.7	7.6	8.0	8.2	8.1	8.4	8.4
Police protection and correction.....	3.6	4.7	4.7	4.8	5.1	5.1	5.2	5.2	5.4	5.5
Natural resources.....	2.3	2.5	2.1	1.9	1.8	1.8	1.8	1.8	1.5	1.4
Sanitation and sewerage.....	3.3	3.2	2.6	2.8	2.9	3.0	3.2	3.2	3.3	3.3
Housing and urban renewal.....	1.7	1.7	1.6	1.7	1.7	1.7	1.5	1.2	1.2	1.3
Interest on general debt.....	3.2	3.3	3.3	3.6	3.7	3.9	3.8	4.0	4.1	4.1
<b>Per capita, total <sup>1</sup> (dol.).....</b>	<b>288</b>	<b>385</b>	<b>646</b>	<b>809</b>	<b>884</b>	<b>940</b>	<b>1,087</b>	<b>1,191</b>	<b>1,261</b>	<b>1,355</b>
Education.....	104	147	259	316	332	359	416	453	475	508
Highways.....	52	63	81	91	89	94	107	111	107	113
Public welfare.....	21	33	72	101	112	117	129	146	160	173
Health and hospitals.....	21	28	48	63	66	75	89	96	104	114
Police protection and correction.....	10	18	30	39	44	48	56	62	68	75
Natural resources.....	7	9	13	15	16	17	20	22	19	23
Sanitation and sewerage.....	10	12	17	23	25	28	35	38	41	45
Housing and urban renewal.....	5	6	11	13	15	16	16	15	16	17
Interest on general debt.....	9	13	22	29	32	36	42	48	52	55
All other <sup>2</sup> .....	45	56	94	119	133	148	177	199	219	232

<sup>1</sup> See footnote 4, table 480. <sup>2</sup> Fire protection, financial administration, general control and miscellaneous.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Government Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

**NO. 495. STATE AND LOCAL GOVERNMENTS—TOTAL GENERAL REVENUE, 1975 TO 1978, AND  
ORIGIN AND ALLOCATION, 1978, BY STATES**

\* millions of dollars. Local government amounts are estimates subject to sampling variation: see source and Appendix III

STATE	TOTAL GENERAL REVENUE			ORIGINATING LEVEL, 1978 <sup>1</sup>			FINAL RECIPIENT LEVEL, 1978 <sup>2</sup>		REVENUE FROM OWN SOURCES, 1978		Charges and miscel- laneous
	1975	1977	1978	Federal	State	Local	State	Local	Taxes		
									Total	Property	
U.S.....	<sup>a</sup> 228,195	285,157	315,960	69,592	135,638	110,730	124,439	191,521	193,642	66,422	52,726
Ala.....	2,989	3,856	4,225	1,156	1,982	1,087	2,152	2,073	2,118	258	951
Alaska.....	807	1,519	1,532	346	851	335	931	601	754	326	432
Ariz.....	2,276	2,927	3,328	659	1,533	1,136	1,250	2,078	2,134	802	535
Ark.....	1,607	1,991	2,333	708	1,067	558	1,204	1,130	1,209	258	416
Calif.....	27,870	36,324	41,560	8,312	17,091	16,157	13,997	27,563	27,365	11,011	5,883
Colo.....	2,814	3,640	4,021	860	1,585	1,577	1,542	2,479	2,354	842	808
Conn.....	3,130	4,013	4,324	853	1,899	1,573	2,062	2,263	2,916	1,352	556
Del.....	695	855	989	247	573	170	580	410	550	85	193
D.C.....	<sup>a</sup> 1,398	2,025	2,107	1,122	(x)	985	(x)	2,107	847	198	138
Fla.....	7,348	9,087	10,357	2,131	4,233	3,993	3,352	7,005	6,011	1,961	2,215
Ga.....	4,617	5,689	6,389	1,676	2,501	2,212	2,770	3,619	3,419	985	1,294
Hawaii.....	1,242	1,573	1,674	478	959	237	1,296	378	950	155	246
Idaho.....	768	980	1,122	289	509	323	555	566	615	189	217
Ill.....	12,002	14,353	15,299	2,905	6,611	5,783	6,090	9,209	10,310	3,658	2,084
Ind.....	4,831	5,474	6,096	1,136	3,023	1,937	2,476	3,620	3,798	1,315	1,161
Iowa.....	2,941	3,563	3,843	790	1,713	1,339	1,455	2,387	2,300	879	752
Kans.....	2,201	2,778	3,071	563	1,281	1,227	1,300	1,771	1,873	785	635
Ky.....	3,036	3,673	4,064	1,067	2,210	788	2,330	1,735	2,315	422	682
La.....	3,765	4,668	5,326	1,352	2,615	1,359	2,620	2,706	2,841	387	1,133
Maine.....	1,004	1,240	1,433	410	664	359	772	661	827	316	196
Md.....	4,694	5,867	6,691	1,454	3,021	2,216	2,710	3,981	4,080	1,164	1,157
Mass.....	6,828	8,666	9,681	2,311	3,866	3,503	4,430	5,251	6,340	3,014	1,029
Mich.....	10,339	13,036	14,482	3,131	6,557	4,794	5,902	8,580	8,811	3,199	2,540
Minn.....	4,870	5,958	6,593	1,304	3,283	2,006	2,489	4,104	4,014	1,206	1,276
Miss.....	2,009	2,493	2,861	849	1,317	695	1,366	1,495	1,415	308	597
Mo.....	3,996	4,861	5,330	1,325	2,050	1,954	2,163	3,166	3,174	948	830
Mont.....	842	1,076	1,224	366	439	419	541	682	641	309	217
Nebr.....	1,522	2,007	2,155	411	836	908	927	1,229	1,274	547	470
Nev.....	763	931	1,145	247	442	456	444	702	663	208	236
N.H.....	706	881	987	247	343	397	467	520	583	343	157
N.J.....	7,914	10,232	10,911	2,032	4,277	4,503	3,944	6,868	7,276	3,494	1,504
N. Mex.....	1,264	1,555	1,879	509	1,092	278	1,021	857	925	149	445
N.Y.....	27,892	33,638	35,174	7,086	12,683	15,408	8,517	26,658	23,219	8,365	4,869
N.C.....	4,600	5,745	6,153	1,603	3,046	1,504	2,563	3,590	3,584	637	966
N. Dak.....	751	924	986	246	486	254	540	446	470	156	269
Ohio.....	9,361	11,249	12,509	2,595	5,104	4,810	4,242	8,268	7,530	2,653	2,385
Okla.....	2,457	3,112	3,491	864	1,709	917	1,775	1,716	1,901	386	726
Oreg.....	2,722	3,516	4,013	1,054	1,587	1,372	1,660	2,353	2,131	886	829
Pa.....	11,528	13,978	15,625	3,439	7,109	5,078	6,961	8,664	10,126	2,616	2,061
R.I.....	961	1,250	1,347	359	623	365	745	602	793	337	195
S.C.....	2,321	2,828	3,302	851	1,617	634	1,765	1,537	1,795	406	656
S. Dak.....	689	817	905	251	343	312	474	432	471	222	183
Tenn.....	3,409	4,327	4,867	1,255	2,006	1,606	2,118	2,749	2,672	640	940
Texas.....	10,610	13,749	15,421	3,038	6,784	5,599	6,434	8,986	9,206	3,289	3,177
Utah.....	1,145	1,518	1,757	467	807	484	856	901	951	269	339
Vt.....	572	687	754	239	316	199	465	289	408	172	107
Va.....	4,615	5,696	6,501	1,500	3,016	1,985	3,176	3,325	3,895	1,092	1,106
Wash.....	4,139	5,248	5,919	1,186	2,863	1,870	2,634	3,285	3,505	1,081	1,227
W. Va.....	1,691	2,014	2,258	657	1,157	445	1,261	998	1,256	224	345
Wis.....	5,072	6,326	7,145	1,433	3,586	2,128	2,679	4,466	4,539	1,525	1,173
Wyo.....	519	763	904	226	377	302	440	464	490	198	188

X Not applicable. <sup>1</sup>Before intergovernmental transfers. <sup>2</sup>After intergovernmental transfers. <sup>3</sup>Changes made in figures for D.C. were not carried to total.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances, and Governmental Finances*, series GF No. 5, annual.

**NO. 496. STATE AND LOCAL GOVERNMENTS—PERCENT OF GENERAL REVENUE, BY ORIGIN, AND  
ALLOCATION AND GENERAL REVENUE PER CAPITA, BY STATES: 1978**

[Estimates subject to sampling variation; see source and Appendix III]

STATE	PERCENT GENERAL REVENUE					REVENUE PER CAPITA <sup>1</sup> (dollars)					Revenue per \$1,000 of personal income (dol.)
	Originating from—			Final recipient		Total	From Federal Govern- ment	From own sources			
	Federal	State	Local	State	Local			Taxes		Charges and miscella- neous	
								Total	Property		
U.S.	22.0	42.9	35.0	39.4	60.6	1,449	319	888	305	242	208
Ala.	27.4	46.9	25.7	50.9	49.1	1,129	309	566	69	254	204
Alaska	22.6	55.6	21.9	60.8	39.2	3,802	859	1,871	808	1,072	355
Ariz.	19.8	46.1	34.1	37.5	62.5	1,414	280	907	341	227	223
Ark.	30.4	45.7	23.9	51.6	48.4	1,067	324	553	118	190	196
Calif.	20.0	41.1	38.9	33.7	66.3	1,864	373	1,227	494	264	240
Colo.	21.4	39.4	39.2	38.4	61.6	1,506	322	882	315	302	214
Conn.	19.7	43.9	38.4	47.7	52.3	1,395	275	941	436	179	173
Del.	24.9	57.9	17.2	58.6	41.4	1,697	423	943	146	330	221
D.C.	53.3	(x)	46.7	(x)	100.0	3,099	1,651	1,245	291	203	339
Fla.	20.6	40.9	38.6	32.4	67.6	1,205	248	699	228	258	183
Ga.	26.2	39.1	34.6	43.4	56.6	1,256	330	672	194	255	210
Hawaii	28.6	57.3	14.1	77.4	22.6	1,866	533	1,059	173	274	247
Idaho	25.8	45.4	28.8	49.5	50.5	1,277	329	701	215	247	219
Ill.	19.0	43.2	37.8	39.8	60.2	1,361	258	917	325	185	175
Ind.	18.6	49.6	31.8	40.6	59.4	1,134	211	707	245	216	165
Iowa	20.6	44.6	34.9	37.9	62.1	1,327	273	794	303	260	194
Kans.	18.3	41.7	40.0	42.3	57.7	1,308	240	798	334	270	185
Ky.	26.2	54.4	19.4	57.3	42.7	1,162	305	662	121	195	198
La.	25.4	49.1	25.5	49.2	50.8	1,343	341	716	98	286	230
Maine	28.6	46.3	25.0	53.9	46.1	1,314	376	758	290	180	230
Md.	21.7	45.2	33.1	40.5	59.5	1,615	351	985	281	279	213
Mass.	23.9	39.9	36.2	45.8	54.2	1,677	400	1,098	522	178	231
Mich.	21.6	45.3	33.1	40.8	59.2	1,576	341	959	348	276	208
Minn.	19.8	49.8	30.4	37.7	62.3	1,645	325	1,001	301	318	233
Miss.	29.7	46.0	24.3	47.7	52.3	1,190	353	589	128	248	238
Mo.	24.9	38.5	36.7	40.6	59.4	1,097	273	653	195	171	167
Mont.	29.9	35.8	34.3	44.2	55.8	1,559	466	817	393	276	263
Neb.	19.1	38.8	42.2	43.0	57.0	1,377	263	814	350	300	205
Nev.	21.6	38.6	39.8	38.7	61.3	1,735	374	1,004	315	357	226
N.H.	25.0	34.8	40.2	47.3	52.7	1,133	283	669	394	180	178
N.J.	18.8	39.6	41.6	36.5	63.5	1,476	277	993	477	205	185
N. Mex.	27.1	58.1	14.8	54.4	45.6	1,550	420	763	123	367	270
N.Y.	20.1	36.1	43.8	24.2	75.8	1,982	399	1,308	471	274	260
N.C.	26.1	49.5	24.4	41.7	58.3	1,103	287	643	150	173	188
N. Dak.	25.0	49.3	25.7	54.7	45.3	1,512	378	721	240	413	244
Ohio	20.7	40.8	38.5	33.9	66.1	1,164	241	701	247	222	165
Okla.	24.8	49.0	26.3	50.8	49.2	1,212	300	660	134	252	196
Oreg.	26.3	39.5	34.2	41.4	58.6	1,642	431	872	362	339	241
Pa.	22.0	45.5	32.5	44.6	55.4	1,330	293	862	223	175	189
R.I.	26.6	46.3	27.1	55.3	44.7	1,441	384	848	361	209	213
S.C.	25.8	49.0	25.3	53.5	46.5	1,132	292	615	139	225	204
S. Dak.	27.7	37.9	34.4	52.3	47.7	1,312	363	683	322	266	221
Tenn.	25.8	41.2	33.0	43.5	56.5	1,117	288	613	147	216	196
Texas	19.7	44.0	36.3	41.7	58.3	1,185	233	707	253	242	177
Utah	26.6	45.9	27.5	48.7	51.3	1,344	357	728	206	259	234
Vt.	31.7	41.9	26.3	61.7	38.3	1,548	491	837	353	220	268
Va.	23.1	46.4	30.5	48.9	51.1	1,263	291	757	212	215	184
Wash.	20.0	48.4	31.6	44.5	55.5	1,568	314	929	286	325	215
W. Va.	29.1	51.2	19.7	55.8	44.2	1,214	353	675	120	186	203
Wis.	20.1	50.2	29.8	37.5	62.5	1,527	306	970	326	251	223
Wyo.	25.0	41.7	33.4	48.7	51.3	2,132	532	1,156	466	444	294

X Not applicable. <sup>1</sup> Based on estimated population as of July 1, 1978.

Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF78, No. 5.

## No. 497. STATE AND LOCAL GOVERNMENTS—DIRECT GENERAL EXPENDITURE, BY STATES: 1978

STATE	EXPENDITURE (mil. dol.)						EXPENDITURE PER CAPITA <sup>1</sup> (dollars)					
	Total	Educa- tion	High- ways	Public welfare	Health, hospitals	All other	Total	Edu- cation	High- ways	Public wel- fare	Health, hospitals	All other
<b>U.S.</b> .....	<b>295,510</b>	<b>110,758</b>	<b>24,609</b>	<b>37,679</b>	<b>24,951</b>	<b>97,513</b>	<b>1,355</b>	<b>508</b>	<b>113</b>	<b>173</b>	<b>114</b>	<b>447</b>
Ala.....	4,109	1,664	469	383	519	1,074	1,088	446	125	102	139	286
Alaska.....	1,488	452	191	73	50	722	3,693	1,120	475	180	125	1,793
Ariz.....	3,166	1,368	328	123	238	1,109	1,345	581	139	52	101	472
Ark.....	2,096	818	277	275	215	513	960	374	127	126	98	235
Calif.....	36,874	13,700	1,769	5,945	2,771	12,689	1,654	615	79	267	124	569
Colo.....	3,721	1,594	358	369	296	1,104	1,393	597	134	138	111	413
Conn.....	4,026	1,448	279	514	244	1,541	1,299	467	90	166	79	497
Del.....	863	358	63	82	41	319	1,480	614	108	141	71	546
D.C.....	1,623	325	56	285	139	818	2,387	477	82	419	204	1,205
Fla.....	10,043	3,765	795	529	1,172	3,782	1,169	438	92	62	136	441
Ga.....	5,760	1,975	640	567	892	1,686	1,133	388	126	112	176	331
Hawaii.....	1,667	485	104	210	112	776	1,881	541	116	235	124	865
Idaho.....	1,074	409	160	89	93	323	1,224	465	182	101	106	370
Ill.....	14,798	5,670	1,150	2,197	890	4,891	1,316	504	102	195	79	436
Ind.....	5,321	2,385	482	514	561	1,379	990	444	90	96	104	256
Iowa.....	3,828	1,572	565	408	342	941	1,322	543	195	141	118	325
Kans.....	3,022	1,214	355	300	328	825	1,287	517	151	128	140	351
Ky.....	3,842	1,420	568	471	253	1,130	1,098	406	162	135	72	323
La.....	5,018	1,755	635	483	515	1,630	1,265	442	160	122	130	411
Maine.....	1,331	475	169	205	66	416	1,220	435	155	168	61	361
Md.....	6,375	2,409	496	602	464	2,404	1,539	581	120	145	112	581
Mass.....	8,628	2,748	597	1,436	667	3,180	1,494	476	103	249	116	550
Mich.....	13,691	5,398	863	2,076	1,155	4,199	1,490	587	94	226	126	457
Minn.....	6,197	2,316	663	889	468	1,861	1,546	578	165	222	117	464
Miss.....	2,598	1,016	338	296	325	663	1,097	423	140	123	135	276
Mo.....	4,830	1,694	526	499	512	1,399	894	390	108	103	105	288
Mont.....	1,189	504	167	89	79	336	1,515	641	236	114	93	429
Nebr.....	1,971	788	278	166	173	564	1,259	504	178	108	110	359
Nev.....	1,083	322	135	63	132	431	1,641	488	204	96	200	653
N.H.....	979	347	150	119	61	302	1,125	398	172	137	69	349
N.J.....	10,274	3,696	579	1,329	569	4,101	1,402	504	79	181	78	560
N. Mex.....	1,589	715	188	114	112	460	1,311	590	155	94	92	380
N.Y.....	32,737	10,132	1,681	5,256	3,006	12,662	1,845	571	95	296	169	714
N.C.....	6,005	2,592	622	478	594	1,719	1,077	465	112	86	106	308
N. Dak.....	909	361	142	68	35	303	1,394	554	218	103	53	466
Ohio.....	12,731	4,892	1,013	1,595	1,193	4,038	1,184	455	94	148	111	376
Okla.....	3,119	1,250	325	403	267	874	1,083	434	113	140	93	303
Oreg.....	3,926	1,507	317	433	247	1,422	1,606	617	130	177	101	581
Pa.....	14,747	5,088	1,122	2,851	941	4,745	1,255	433	95	243	80	404
R.I.....	1,312	453	65	232	110	452	1,403	484	69	248	118	484
S.C.....	3,062	1,298	208	283	448	825	1,049	445	71	97	153	283
S. Dak.....	877	327	146	81	58	265	1,271	474	211	117	83	386
Tenn.....	4,744	1,762	517	485	527	1,453	1,089	404	119	111	121	334
Texas.....	14,477	6,482	1,399	1,198	1,353	4,045	1,112	498	107	92	104	311
Utah.....	1,694	812	156	157	103	466	1,296	621	119	120	79	357
Vt.....	682	259	87	84	40	212	1,401	533	178	172	81	437
Va.....	6,035	2,377	760	584	525	1,789	1,172	462	148	113	102	347
Wash.....	5,716	2,348	515	562	298	1,993	1,514	622	136	149	79	528
W. Va.....	2,287	849	393	205	166	674	1,230	457	211	110	89	363
Wis.....	6,563	2,663	609	996	523	1,772	1,403	569	130	213	112	379
Wyo.....	753	306	120	30	71	226	1,776	720	284	70	166	536

<sup>1</sup> Based on estimated resident population as of July 1, 1978.Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF78, No. 5.

## No. 498. NEW ISSUES OF STATE AND LOCAL GOVERNMENT SECURITIES: 1970 TO 1979

(In billions of dollars)

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979
All issues, new capital and refunding.....	<sup>1</sup> 18.2	<sup>1</sup> 23.7	<sup>1</sup> 24.0	<sup>1</sup> 24.3	<sup>2</sup> 30.6	<sup>3</sup> 35.3	<sup>2</sup> 46.8	<sup>2</sup> 48.6	<sup>2</sup> 43.5
General obligations.....	11.9	13.3	12.3	13.6	16.0	18.0	18.0	17.9	12.1
Revenue.....	6.1	9.3	10.6	10.2	14.5	17.1	28.7	30.7	31.3
Type of issuer: State.....	4.2	5.0	4.2	4.8	7.4	7.1	6.4	6.6	4.4
Special district and statutory authority.....	5.6	9.5	9.5	8.6	12.4	15.3	21.7	24.2	23.4
Municipalities, counties, townships <sup>3</sup> .....	8.4	9.2	10.2	10.8	10.7	12.6	16.6	17.7	15.6
Issues for new capital, total.....	18.1	22.1	22.4	23.5	29.5	32.1	36.2	37.6	41.5

<sup>1</sup> Includes U.S. bonds and U.S. Govt. loans.<sup>2</sup> Includes U.S. Govt. loans.<sup>3</sup> Includes school districts.Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*, and *Federal Reserve Bulletin*, monthly.

# No. 499. STATE AND LOCAL GOVERNMENTS—INDEBTEDNESS AND DEBT TRANSACTIONS: 1970 TO 1978

[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	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita <sup>1</sup> (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities <sup>2</sup>	All other				
1970: Total.....	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State.....	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local.....	101.6	498	28.6	19.6	44.4	9.1	67.3	8.8	5.1
1975: Total.....	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State.....	72.1	358	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local.....	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1976: Total.....	240.5	1,121	41.1	30.8	149.9	18.8	195.7	31.7	11.3
State.....	84.8	395	4.0	(NA)	74.8	6.0	62.9	13.9	3.0
Local.....	155.7	725	37.0	30.8	75.1	12.8	132.8	17.8	8.4
1977: Total.....	259.7	1,200	38.0	40.2	168.5	12.8	214.9	34.4	13.6
State.....	90.2	417	4.0	3.3	79.9	3.0	67.6	12.4	4.0
Local.....	169.5	783	33.9	36.8	88.7	9.8	147.3	22.0	9.5
1978: Total.....	280.4	1,286	33.0	42.4	193.6	11.4	225.2	40.0	16.7
State.....	102.6	472	4.1	3.7	91.9	2.9	72.1	17.0	5.9
Local.....	177.9	814	28.9	38.7	101.7	8.5	153.1	23.0	10.8

NA Not available. <sup>1</sup> Based on estimated resident population as of July 1. <sup>2</sup> Beginning 1977, data for State governments classified as "utility," rather than in "All other."

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

## No. 500. STATE AND LOCAL GOVERNMENTS—DEBT OUTSTANDING, BY STATES: 1970 TO 1978

[As of end of fiscal year]

STATE	TOTAL DEBT (mil. dol.)			PER CAPITA <sup>1</sup> (dol.)			STATE	TOTAL DEBT (mil. dol.)			PER CAPITA <sup>1</sup> (dol.)		
	1970	1975	1978	1970	1975	1978		1970	1975	1978	1970	1975	1978
U.S.....	<sup>2</sup> 143,570	219,926	280,433	704	1,032	1,286	Mo.....	2,269	2,818	3,262	485	592	671
Ala.....	2,529	2,844	3,714	734	787	993	Mont.....	237	394	619	342	527	789
Alaska.....	422	1,230	3,194	1,395	3,493	7,925	Nebr.....	1,347	2,322	3,746	908	1,502	2,394
Ariz.....	944	2,054	3,469	533	923	1,474	Nev.....	362	596	890	740	1,007	1,348
Ark.....	1,005	1,089	1,301	523	514	595	N.H.....	358	608	795	485	743	913
Calif.....	15,850	20,079	20,585	794	948	923	N.J.....	5,016	8,840	9,939	700	1,208	1,356
Colo.....	1,178	1,943	2,541	533	767	952	N. Mex.....	424	649	1,294	417	566	1,068
Conn.....	3,427	4,848	5,196	1,130	1,566	1,677	N.Y.....	23,805	39,111	48,600	1,305	2,158	2,738
Del.....	727	973	1,165	1,326	1,680	1,998	N.C.....	1,741	2,327	2,737	342	427	491
D.C.....	597	2,316	2,578	789	3,235	3,791	N. Dak.....	224	283	661	362	445	1,013
Fla.....	3,743	6,553	9,293	551	784	1,081	Ohio.....	5,852	8,119	9,323	549	755	867
Ga.....	2,600	3,762	5,236	567	764	1,030	Okla.....	1,621	2,282	2,583	633	842	897
Hawaii.....	783	1,452	2,090	1,017	1,678	2,330	Oreg.....	1,343	2,899	4,639	642	1,267	1,960
Idaho.....	200	252	357	281	307	406	Pa.....	9,065	14,644	16,219	769	1,238	1,380
Ill.....	6,706	8,961	12,849	603	804	1,143	R.I.....	758	921	1,371	796	994	1,467
Ind.....	<sup>2</sup> 2,077	2,663	3,087	400	501	574	S.C.....	861	1,889	3,160	333	670	1,083
Iowa.....	1,047	1,306	1,532	371	455	529	S. Dak.....	136	195	647	203	285	938
Kans.....	1,162	1,828	2,919	517	806	1,243	Tenn.....	2,589	3,780	5,273	660	902	1,210
Ky.....	2,630	3,855	5,294	817	1,135	1,513	Texas.....	7,025	11,213	15,364	627	916	1,181
La.....	3,087	3,995	5,239	847	1,054	1,321	Utah.....	597	549	913	564	455	699
Maine.....	443	786	1,221	446	742	1,119	Vt.....	312	628	643	701	1,334	1,320
Md.....	3,321	5,076	7,354	847	1,239	1,775	Va.....	2,239	3,659	4,464	482	737	867
Mass.....	4,158	7,700	8,894	731	1,321	1,540	Wash.....	4,321	6,355	9,808	1,268	1,793	2,599
Mich.....	5,163	8,480	9,346	582	926	1,017	W. Va.....	851	1,572	2,016	488	872	1,084
Minn.....	2,618	4,182	5,520	688	1,065	1,377	Wis.....	2,365	3,152	4,349	535	684	929
Miss.....	1,234	1,517	2,337	557	647	972	Wyo.....	229	382	608	688	1,022	1,434

<sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1, excluding Armed Forces abroad.

<sup>2</sup> Indiana figure includes adjustments not carried to U.S. total; therefore, breakdown will not add to total.

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



## No. 501. STATE GOVERNMENTS—REVENUE,

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

STATE	Total rev- enue <sup>1</sup>	GENERAL REVENUE								DEBT OUT- STAND- ING
		Total		Per capita <sup>2</sup>		Intergovernmental revenue		Taxes <sup>3</sup>	Charges and miscel- laneous	
		Amount	Rank	Total (dol.)	Rank	From Fed- eral Gov- ern- ment	From local gov- ern- ments			Total
U.S.....	247,004	207,993	(x)	948	(x)	54,548	2,539	124,908	25,998	111,740
Ala.....	3,771	3,293	22	874	36	1,072	22	1,747	451	1,053
Alaska.....	1,699	1,508	36	3,715	1	283	1	817	408	1,363
Ariz.....	2,871	2,274	30	928	25	479	10	1,516	269	96
Ark.....	1,968	1,798	34	825	41	638	7	995	159	244
Calif.....	31,058	25,068	1	1,105	13	6,100	125	16,352	2,490	7,676
Colo.....	3,050	2,554	29	922	27	667	9	1,441	438	426
Conn.....	3,173	2,828	24	908	30	721	4	1,718	384	3,591
Del.....	869	807	44	1,386	4	171	2	492	141	855
Fla.....	7,286	6,298	9	711	48	1,414	36	4,291	557	2,671
Ga.....	4,605	4,101	18	801	43	1,265	26	2,448	361	1,371
Hawaii.....	1,670	1,447	37	1,581	2	332	2	876	237	1,697
Idaho.....	995	831	42	918	28	246	2	466	117	221
Ill.....	11,202	9,656	6	860	38	2,333	104	6,323	896	5,718
Ind.....	4,612	4,230	17	783	44	917	14	2,669	631	580
Iowa.....	3,056	2,576	28	888	33	614	35	1,569	357	373
Kans.....	2,178	1,961	33	828	40	477	16	1,188	280	459
Ky.....	3,842	3,466	20	983	22	963	6	2,076	421	2,810
La.....	4,589	4,063	19	1,011	21	1,110	5	2,240	708	2,637
Maine.....	1,234	1,071	40	977	23	359	10	554	148	696
Md.....	4,977	4,419	16	1,065	15	979	12	2,647	781	3,690
Mass.....	6,824	6,166	10	1,069	14	1,726	186	3,616	639	5,414
Mich.....	11,449	9,747	5	1,059	17	2,380	65	6,018	1,284	2,505
Minn.....	5,316	4,803	13	1,183	6	1,048	46	3,134	575	1,874
Miss.....	2,598	2,217	31	913	29	753	20	1,196	248	843
Mo.....	3,821	3,293	21	677	50	945	1	2,013	334	712
Mont.....	1,006	811	43	1,032	20	294	6	401	110	147
Nebr.....	1,334	1,264	39	803	42	319	28	743	175	53
Nev.....	1,059	727	46	1,035	19	179	9	463	75	374
N.H.....	840	614	48	692	49	205	16	264	129	739
N.J.....	7,881	6,377	8	870	37	1,610	93	3,729	944	5,382
N. Mex.....	1,847	1,678	35	1,352	5	425	13	845	395	514
N.Y.....	25,181	20,426	2	1,157	7	6,004	1,074	11,634	1,714	22,983
N.C.....	5,537	4,812	12	858	39	1,345	69	2,915	482	1,107
N. Dak.....	823	742	45	1,129	10	198	15	325	204	131
Ohio.....	11,435	7,880	7	734	47	2,083	78	4,620	1,099	3,745
Okla.....	2,966	2,675	26	925	26	680	16	1,516	463	1,511
Oreg.....	3,499	2,683	25	1,062	16	759	19	1,364	521	3,809
Pa.....	12,757	10,446	3	890	32	2,612	68	6,762	984	6,448
R.I.....	1,211	1,038	41	1,117	11	303	4	538	193	1,178
S.C.....	3,169	2,644	27	902	31	786	25	1,523	311	1,590
S. Dak.....	656	604	49	876	35	219	6	246	133	580
Tenn.....	3,615	3,226	23	736	46	1,004	25	1,844	352	1,389
Texas.....	11,049	10,101	4	755	45	2,496	25	5,738	1,841	2,317
Utah.....	1,605	1,314	38	961	24	393	9	695	217	393
Vt.....	640	557	50	1,130	9	181	3	267	95	511
Va.....	5,136	4,573	14	880	34	1,189	49	2,564	771	1,663
Wash.....	5,680	4,445	15	1,132	8	1,111	82	2,718	534	1,515
W. Va.....	2,395	1,982	32	1,055	18	612	1	1,150	218	1,637
Wis.....	6,255	5,232	11	1,109	12	1,329	38	3,260	605	2,234
Wyo.....	789	670	47	1,490	3	208	3	343	117	216

X Not applicable. <sup>1</sup>Includes liquor stores and insurance trust activities, not shown separately. <sup>2</sup>Based on estimated resident population as of July 1. <sup>3</sup>For details, see table 503.

## Debt, and Expenditure by States: 1979

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

DEBT OUT- STANDING— Con.		Total expendi- ture <sup>4</sup>	GENERAL EXPENDITURES								STATE
			Total <sup>4</sup>			Selected functions					
			Amount	Rank	Per capita <sup>2</sup> (dol.)	Educa- tion	High- ways	Public welfare	Health and hospi- tals	Natural re- sources	
Per capita <sup>2</sup>											
Total (dol.)	Rank										
509	(x)	224,657	200,524	(x)	914	77,722	21,228	38,884	15,529	3,808	U.S.
279	35	3,558	3,216	21	853	1,537	414	434	288	68	Ala.
3,356	1	1,486	1,348	37	3,319	455	143	102	45	84	Alaska.
39	49	2,288	2,133	31	871	1,056	300	118	139	35	Ariz.
112	47	1,697	1,773	34	814	681	300	308	123	53	Ark.
338	30	28,319	25,279	1	1,114	9,706	1,182	6,946	1,297	541	Calif.
154	44	2,518	2,320	29	837	1,157	272	348	175	55	Colo.
1,153	7	2,963	2,621	25	841	739	210	569	236	23	Conn.
1,468	4	762	703	45	1,209	310	62	85	46	10	Del.
301	33	6,462	6,133	9	692	2,785	774	621	546	183	Fla.
268	37	4,347	4,074	17	796	1,708	573	606	378	107	Ga.
1,854	2	1,524	1,407	36	1,538	501	91	223	122	39	Hawaii
244	38	891	787	42	869	299	135	95	46	46	Idaho
509	22	10,418	9,340	5	832	3,423	1,044	2,306	584	111	Ill.
107	48	4,089	3,840	18	711	1,712	536	478	288	76	Ind.
128	46	3,011	2,737	24	943	1,176	477	408	200	69	Iowa
193	41	2,012	1,900	33	802	817	292	311	184	55	Kans.
797	14	3,880	3,611	20	1,024	1,419	745	519	185	82	Ky.
656	16	4,123	3,773	19	939	1,479	461	542	359	92	La.
634	17	1,183	1,020	40	930	351	133	225	52	38	Maine.
890	10	4,678	4,264	15	1,028	1,391	529	647	390	43	Md.
939	9	6,377	5,832	10	1,011	1,644	370	1,677	523	34	Mass.
272	36	10,507	9,356	4	1,016	3,426	859	2,382	766	122	Mich.
462	25	4,779	4,483	13	1,104	1,896	471	752	272	120	Minn.
347	29	2,367	2,171	30	893	912	296	352	158	66	Miss.
146	45	3,337	3,086	23	634	1,204	492	552	296	82	Mo.
187	42	901	769	43	979	278	131	86	51	39	Mont.
33	50	1,250	1,215	39	772	385	224	180	105	50	Nebr.
533	20	862	649	46	925	265	113	59	39	16	Nev.
833	13	784	631	47	712	161	114	103	58	12	N.H.
734	15	7,718	6,540	8	892	2,118	397	1,317	474	102	N.J.
414	26	1,578	1,510	35	1,216	700	218	140	109	37	N. Mex.
1,302	5	22,708	19,255	2	1,091	6,028	1,035	4,508	1,799	89	N.Y.
198	40	5,249	4,962	12	885	2,292	603	644	450	119	N.C.
199	39	777	727	44	1,107	264	129	81	44	30	N. Dak.
349	28	9,762	7,937	7	740	3,343	915	1,345	772	101	Ohio.
522	21	2,733	2,435	28	842	1,076	325	490	158	42	Okla.
1,507	3	2,906	2,518	27	996	894	319	452	182	91	Oreg.
550	18	11,575	9,610	3	819	3,468	787	2,576	870	136	Pa.
1,268	6	1,171	1,014	41	1,091	313	43	254	114	9	R.I.
542	19	3,007	2,518	26	859	1,133	253	302	277	60	S.C.
842	12	642	618	48	897	203	104	86	38	24	S. Dak.
317	32	3,351	3,107	22	709	1,263	501	530	229	60	Tenn.
173	43	9,665	9,100	6	680	4,541	1,246	1,372	750	147	Texas.
286	34	1,464	1,332	38	974	661	156	183	105	37	Utah.
1,036	8	612	552	50	1,119	189	61	91	38	20	Vt.
320	31	4,876	4,463	14	859	1,696	828	585	500	61	Va.
386	27	4,860	4,176	16	1,064	1,988	558	576	227	147	Wash.
872	11	2,424	2,079	32	1,107	815	474	218	108	38	W. Va.
473	24	5,381	5,032	11	1,066	1,692	409	1,070	308	85	Wis.
480	23	633	568	49	1,262	169	125	35	26	21	Wyo.

<sup>4</sup> Includes amounts not shown separately.Source: U.S. Bureau of the Census, *State Government Finances in 1979*, series GF79, No. 3.

## NO. 502. STATE GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)							PER CAPITA <sup>1</sup>	
	1960	1965	1970	1975	1977	1978	1979	1970	1979
<b>Borrowing and revenue.....</b>	<b>35,149</b>	<b>51,784</b>	<b>93,463</b>	<b>166,696</b>	<b>215,527</b>	<b>238,475</b>	<b>262,648</b>	<b>\$461</b>	<b>\$1,197</b>
Borrowing.....	2,312	2,957	4,524	9,663	11,101	13,484	15,644	22	71
Revenue.....	32,838	48,827	88,939	157,033	204,426	225,011	247,004	439	1,126
General revenue.....	27,363	40,930	77,755	134,611	169,126	189,099	207,993	384	948
Taxes.....	18,036	26,126	47,962	80,155	101,085	113,281	124,908	237	569
Sales and gross receipts.....	10,510	15,059	27,254	43,346	52,362	58,270	63,668	135	290
General.....	4,302	6,711	14,177	24,780	30,896	35,280	39,505	70	180
Motor fuels.....	3,335	4,300	6,283	8,255	9,088	9,501	9,980	31	45
Alcoholic beverages.....	650	917	1,420	1,963	2,120	2,286	2,400	7	11
Tobacco products.....	923	1,284	2,308	3,286	3,500	3,654	3,640	11	17
Other.....	1,300	1,847	3,065	5,061	6,758	7,549	8,142	15	37
Licenses.....	2,495	3,218	4,615	6,289	7,149	7,654	8,215	23	37
Motor vehicles.....	1,468	1,869	2,728	3,655	4,243	4,473	4,779	13	22
Corporations in general.....	426	528	764	1,041	1,138	1,262	1,4	6	6
Other.....	602	819	1,123	1,592	1,866	2,043	2,173	6	10
Individual income.....	2,209	3,657	9,183	18,819	25,493	29,105	32,622	45	149
Corporation net income.....	1,180	1,929	3,738	6,642	9,174	10,738	12,128	18	55
Property.....	607	766	1,092	1,451	2,260	2,364	2,490	5	11
Other.....	1,034	1,496	2,081	3,607	4,647	5,129	5,784	10	26
Charges and miscellaneous.....	2,583	4,483	9,545	16,629	19,414	22,377	25,998	47	118
Intergovernmental revenue.....	6,745	10,320	20,248	37,827	48,627	53,481	57,087	100	260
From Federal Government.....	6,382	9,874	19,252	36,148	45,890	50,200	54,548	95	249
Public welfare.....	2,046	3,133	7,618	14,247	18,723	20,027	22,313	39	102
Education.....	727	1,393	4,554	7,879	9,035	9,819	10,710	23	49
Highways.....	2,983	3,987	4,431	5,260	6,363	6,301	7,015	22	32
Other.....	725	1,359	2,450	8,761	11,769	14,072	14,510	12	36
From local governments.....	363	447	995	1,680	2,737	3,261	2,539	5	12
Liquor stores revenue.....	1,128	1,270	1,748	2,129	2,244	2,388	2,504	9	11
Insurance trust revenue.....	4,347	6,627	9,437	20,293	32,365	32,562	35,370	47	161
Utility revenue <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	692	962	1,137	(NA)	5
<b>Debt outstanding, yearend.....</b>	<b>18,543</b>	<b>27,034</b>	<b>42,008</b>	<b>72,127</b>	<b>90,200</b>	<b>102,569</b>	<b>111,740</b>	<b>208</b>	<b>509</b>
Long-term.....	18,128	26,235	38,903	67,548	87,184	99,671	109,449	192	499
Full faith and credit.....	8,912	11,819	17,736	33,736	42,913	46,316	48,286	88	220
Nonguaranteed.....	9,216	14,415	21,167	33,812	44,271	53,356	61,163	105	279
Short-term.....	415	800	3,104	4,579	3,016	2,897	2,291	15	10
Net long-term.....	15,595	22,504	34,478	58,388	87,584	72,088	81,338	170	371
Full faith and credit only.....	6,711	9,094	14,832	29,503	37,347	39,147	40,401	73	184
<b>Expenditure and debt redemption.....</b>	<b>32,496</b>	<b>46,769</b>	<b>87,151</b>	<b>161,804</b>	<b>198,100</b>	<b>208,533</b>	<b>230,154</b>	<b>430</b>	<b>1,049</b>
Debt redemption.....	900	1,130	2,096	2,922	6,875	4,701	5,497	10	25
Expenditure.....	31,596	45,639	85,055	158,882	191,225	203,832	224,657	420	1,024
General expenditure <sup>3</sup> .....	27,228	40,446	77,642	138,303	164,351	179,802	200,524	384	914
Public welfare.....	3,704	5,434	13,206	25,559	32,779	35,776	38,884	65	177
Education.....	8,857	14,532	30,865	54,012	64,037	69,702	77,722	152	354
Highways.....	7,317	9,844	13,483	17,483	17,484	18,479	21,228	67	97
Health and hospitals.....	2,072	2,943	5,355	10,158	12,608	13,884	15,529	26	71
State hospitals.....	1,618	2,254	3,941	6,891	8,364	8,979	9,922	19	45
Other hospitals and health.....	454	689	1,415	3,267	4,243	4,905	5,607	7	26
Housing and urban renewal.....	33	80	120	632	353	337	424	1	2
Natural resources.....	862	1,381	2,223	3,554	3,209	3,411	3,808	11	17
Correction.....	433	652	1,104	2,203	2,882	3,275	3,770	5	17
Police protection.....	251	352	741	1,423	1,690	1,826	2,034	4	9
Employment security.....	313	457	767	1,509	1,698	1,757	1,799	4	8
Financial administration.....	447	609	1,032	1,792	2,241	2,482	2,723	5	12
General control.....	216	350	717	1,496	1,858	2,331	2,812	4	13
Misc. and unallocable.....	2,722	3,810	8,029	18,483	23,513	26,542	29,791	40	135
Liquor stores expenditure.....	907	1,022	1,404	1,719	1,817	1,991	2,068	7	9
Insurance trust expenditure.....	3,461	4,170	6,010	18,860	23,426	20,495	20,107	30	92
Utility expenditure <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	1,631	1,544	1,957	(NA)	9
<b>By character and object:</b>									
Intergovernmental expenditure.....	9,433	14,174	28,892	51,978	62,460	67,287	75,966	143	346
Direct expenditure.....	22,162	31,465	56,163	106,905	128,765	136,545	148,691	277	678
Current operation.....	9,534	14,930	30,971	60,793	75,683	86,153	94,533	153	431
Capital outlay <sup>3</sup> .....	6,607	9,307	13,295	17,307	16,964	16,064	19,124	66	87
Construction.....	5,509	7,600	11,185	14,443	13,620	13,260	15,930	55	73
Land and existing structures.....	802	1,176	1,240	1,475	1,867	1,171	1,229	6	6
Equipment.....	296	531	870	1,389	1,477	1,633	1,965	4	9
Assistance and subsidies.....	2,015	2,236	4,387	6,673	7,556	8,341	8,878	22	40
Interest on debt.....	536	822	1,499	3,272	5,136	5,493	6,048	7	28
Insurance benefits and repayments.....	3,461	4,170	6,010	18,860	23,426	20,495	20,107	30	92

NA Not available. <sup>1</sup>Based on estimated resident population as of July 1. <sup>2</sup>For 1977 and subsequent fiscal years, utility revenue and expenditure have been compiled separately and not included with general revenue and expenditure. <sup>3</sup>Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *State Government Finances*, series GF No. 3, annual.

# No. 503. STATE GOVERNMENT TAX COLLECTIONS AND EXCISE TAXES, BY TYPE OF TAX—STATES: 1979

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

STATE	STATE TAX COLLECTIONS <sup>1</sup> (mil. dol.)								EXCISE TAXES		
	Total <sup>2</sup>	Sales and gross receipts				Individual income	Corporate net income	Motor vehicle and operators' licenses	General sales and gross receipts (per cent) <sup>3</sup>	Cigarettes (cents per pack-age)	Gasoline (cents per gal.)
		Total <sup>2</sup>	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products						
U.S. <sup>4</sup>	124,908	63,668	39,505	9,980	6,040	32,622	12,127	5,155	(x)	(x)	(x)
Ala.	1,747	1,096	547	173	132	363	101	43	<sup>5</sup> 4	12	7
Alaska	817	75	(x)	22	12	116	257	7	(x)	8	8
Ariz.	1,516	945	704	126	59	270	89	53	<sup>5</sup> 4	13	8
Ark.	995	586	346	129	69	229	84	59	<sup>5</sup> 3	17.75	9.5
Calif.	16,352	7,557	5,659	898	402	4,758	2,375	417	<sup>5</sup> 4.75-E	10	7
Colo.	1,441	733	515	115	58	457	112	48	<sup>5</sup> 3-C	10	7
Conn.	1,718	1,235	736	164	101	85	231	88	<sup>5</sup> 7-E	21	11
D.C. <sup>4</sup>	876	308	172	21	19	239	69	19	<sup>5</sup> 5-E	13	10
Del.	492	74	(x)	32	17	216	50	24	(x)	14	9
Fla.	4,291	3,207	1,947	430	509	(x)	314	245	<sup>5</sup> 4-E	21	8
Ga.	2,448	1,390	894	266	168	729	226	52	<sup>5</sup> 3	12	7.5
Hawaii	876	551	431	35	32	265	40	8	<sup>5</sup> 4	( <sup>5</sup> )	<sup>5</sup> 6.5
Idaho	466	221	130	59	15	143	39	38	<sup>5</sup> 3-C	9.1	9.5
Ill.	6,323	3,509	2,195	424	257	1,743	489	363	<sup>5</sup> 10.4	12	7.5
Ind.	2,669	1,759	1,310	277	118	594	127	102	<sup>5</sup> 4-E	10.5	8
Iowa	1,589	672	406	162	63	559	130	135	<sup>5</sup> 3-E	13	10
Kans.	1,188	616	399	128	56	298	141	71	<sup>5</sup> 3-E	11	8
Ky.	2,076	1,026	599	199	37	456	163	55	<sup>5</sup> 5-E	3	9
La.	2,240	1,107	677	194	109	241	214	49	<sup>5</sup> 3-E	11	8
Maine	554	334	198	57	49	113	41	26	<sup>5</sup> 5-E	16	9
Md.	2,647	1,257	899	200	82	1,006	146	89	<sup>5</sup> 5-E	10	9
Mass.	3,616	1,320	718	224	222	1,631	483	67	<sup>5</sup> 5-E	21	8.5
Mich.	6,018	2,571	1,703	507	225	1,944	992	260	<sup>5</sup> 4-E	11	11
Minn.	3,134	1,198	608	217	139	1,256	357	129	<sup>5</sup> 4-E	18	9
Miss.	1,196	828	603	127	64	193	58	28	<sup>5</sup> 5	11	9
Mo.	2,013	1,150	763	222	85	535	130	113	<sup>5</sup> 3.125	9	7
Mont.	401	102	(x)	48	26	142	36	21	(x)	12	8
Nebr.	743	416	253	101	34	209	50	40	<sup>5</sup> 43-C	13	10.5
Nev.	463	368	176	35	24	(x)	(x)	23	<sup>5</sup> 11.3-E	10	6
N.H.	264	134	(x)	47	31	9	64	24	(x)	12	11
N.J.	3,729	1,813	1,098	304	225	868	430	252	<sup>5</sup> 5-E	19	8
N. Mex.	845	507	370	72	22	69	41	33	<sup>5</sup> 12.3.75	12	7
N.Y.	11,634	4,331	2,559	506	478	5,058	1,223	324	<sup>5</sup> 4-E	15	8
N.C.	2,915	1,352	648	313	117	996	255	131	<sup>5</sup> 3	2	9
N. Dak.	325	176	109	35	15	49	29	28	<sup>5</sup> 3-E	12	8
Ohio	4,820	2,630	1,427	422	278	868	505	285	<sup>5</sup> 4-E	15	7
Okl.	1,516	610	280	138	87	334	95	125	<sup>5</sup> 2	18	6.58
Oreg.	1,384	178	(x)	100	40	807	166	105	(x)	9	7
Pa.	6,782	3,313	1,895	526	368	1,552	854	331	<sup>5</sup> 6-E	18	11
R.I.	538	284	158	43	32	153	56	19	<sup>5</sup> 6-E	18	10
S.C.	1,523	878	526	171	111	416	140	37	<sup>5</sup> 4	7	10
S. Dak.	246	212	131	39	17	(x)	3	16	<sup>5</sup> 13.4	14	9
Tenn.	1,844	1,388	943	228	121	26	166	102	<sup>5</sup> 4.5	13	7
Tex.	5,738	3,957	2,185	489	491	(x)	(x)	273	<sup>5</sup> 4-E	18.5	5
Utah	695	395	290	74	14	226	33	19	<sup>5</sup> 4	10	9
Vt.	267	127	38	25	22	83	24	21	<sup>5</sup> 3-E	12	9
Va.	2,564	1,165	535	293	91	967	196	112	<sup>5</sup> 3	25	9
Wash.	2,718	2,049	1,525	249	143	(x)	(x)	86	<sup>5</sup> 4.5-E	16	12
W. Va.	1,150	824	562	110	43	217	26	51	<sup>5</sup> 14.3	17	10.5
Wis.	3,280	1,248	820	184	125	1,375	327	103	<sup>5</sup> 4-E	16	7
Wyo.	343	193	141	39	7	(x)	(x)	30	<sup>5</sup> 16.3	8	8

X Not applicable. <sup>1</sup>Preliminary. <sup>2</sup>Includes amounts for types of taxes not shown separately. <sup>3</sup>C = income tax credit provided; E = food exempt from sales tax. Source of exemption detail: Advisory Comm. on Intergov't Relations, Wash., D.C. *Significant Features of Fiscal Federalism*, annual. <sup>4</sup>D.C. excluded from U.S. total. <sup>5</sup>Excludes State-collected supplemental local sales taxes imposed by local governments under State enabling legislation, as well as locally administered taxes. <sup>6</sup>Food is exempt, effective Jan. 1, 1980. Credit in effect until then. <sup>7</sup>Effective Jan. 1, 1974, a general excise tax credit replaced the consumer, educational, drug and medical, and rental tax credits. <sup>8</sup>40% of wholesale price. <sup>9</sup>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. <sup>10</sup>Food is taxed at a reduced rate, 3 rather than 4%, beginning Jan. 1, 1980. <sup>11</sup>Includes a mandatory State-imposed 1% county sales tax. <sup>12</sup>An income tax credit is provided for all State-local taxes paid plus a food tax credit equal to 40% for each exemption allowed for Federal income tax purposes. <sup>13</sup>A sales tax credit based on Federal adjusted gross income is provided for elderly and disabled persons. <sup>14</sup>The sales tax on food is reduced from 3 to 2% on July 1, 1979, and to 1% on July 1, 1980. Sales of food made after June 30, 1981 are exempt from tax. <sup>15</sup>A sales and use tax refund is provided for low-income elderly and disabled persons.

Source: Except as noted, U.S. Bureau of the Census, *State Government Tax Collections in 1979*, series GF79, No. 1 and *State Government Finances in 1979*, series GF79, No. 3.

## NO. 504. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1978

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 <sup>1</sup>			SIZE OF STANDARD DEDUCTIONS			Federal income tax deductible
		Lowest: amount under—	Highest: amount over—	Single	Married—joint return	Dependents	Per cent	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	8,000	1,000	2,000	600	10	500	1,000	Yes
Ark.....	1.0-7.0	3,000	25,000	<sup>2</sup> 17.50	<sup>2</sup> 35	<sup>2</sup> 8	10	1,000	1,000	No
Calif.....	1.0-11.0	2,000	15,500	<sup>2</sup> 100	<sup>2</sup> 200	<sup>2</sup> 8	(x)	1,000	2,000	No
Colo.....	<sup>3</sup> 3.0-8.0	1,000	10,000	850	1,700	850	10	1,000	1,000	Yes
Conn.....	<sup>4</sup> 1.0-9.0	( <sup>5</sup> )	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	<sup>6</sup> 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	( <sup>7</sup> )	500	(x)	(x)	(x)	No
Iowa.....	.5-13.0	1,000	75,000	<sup>2</sup> 15	<sup>2</sup> 30	<sup>2</sup> 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	<sup>8</sup> Yes
Ky.....	2.0-6.0	3,000	8,000	<sup>2</sup> 20	<sup>2</sup> 40	<sup>2</sup> 20	(x)	650	650	<sup>8</sup> Yes
La.....	2.0-6.0	10,000	50,000	<sup>8</sup> 2,500	<sup>8</sup> 5,000	<sup>8</sup> 400	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	Yes
Maine.....	1.0-10.0	2,000	25,000	<sup>9</sup> 1,000	2,000	1,000	16	2,400	2,800	No
Md.....	2.0-3.0	1,000	3,000	800	1,600	800	10	500	<sup>10</sup> 1,000	No
Mass.....	<sup>11</sup> 1.0	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.....	<sup>12</sup> 1.6-17.0	500	40,000	<sup>2</sup> 40	<sup>2</sup> 80	<sup>2</sup> 40	10	1,000	1,000	Yes
Miss.....	3.0-4.0	5,000	5,000	4,500	6,500	750	15	750	<sup>13</sup> 1,500	No
Mo.....	1.5-6.0	1,000	9,000	1,200	2,400	400	(x)	2,200	3,200	Yes
Mont.....	<sup>14</sup> 2.0-11.0	1,000	35,000	650	1,300	650	10	500	1,000	Yes
Nebr.....	( <sup>15</sup> )	Flat rate		( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	( <sup>15</sup> )	No
N.H.....	<sup>16</sup> 0.5	Flat rate		600	( <sup>17</sup> )	(x)	(x)	(x)	(x)	No
N.J.....	2.0-2.5	20,000	40,000	1,000	2,000	1,000	(x)	(x)	(x)	No
N. Mex.....	8-9.0	1,000	100,000	750	1,500	750	(x)	2,200	3,200	No
N.Y.....	<sup>18</sup> 2.0-15.0	1,000	30,000	650	1,300	650	16	2,400	2,400	No
N.C.....	3.0-7.0	2,000	10,000	1,000	( <sup>20</sup> )	600	10	500	( <sup>20</sup> )	No
N. Dak.....	<sup>21</sup> 1.0-10.0	1,000	8,000	750	1,500	750	16	2,400	2,800	Yes
Ohio.....	.5-3.5	5,000	40,000	650	1,300	650	(x)	(x)	(x)	No
Okl.....	.5-6.0	1,000	7,500	750	1,500	750	15	2,000	2,000	<sup>22</sup> Yes
Oreg.....	4.0-10.0	500	5,000	750	1,500	750	13	1,500	1,500	<sup>23</sup> Yes
Pa.....	<sup>24</sup> 2.2	Flat rate		(x)	(x)	(x)	(x)	(x)	(x)	No
R.I.....	( <sup>25</sup> )	Flat rate		( <sup>25</sup> )	( <sup>25</sup> )	( <sup>25</sup> )	( <sup>25</sup> )	( <sup>25</sup> )	( <sup>25</sup> )	No
S.C.....	2.0-7.0	2,000	10,000	800	1,600	800	10	500	1,000	<sup>26</sup> Yes
Tenn.....	<sup>27</sup> 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
Vi.....	( <sup>28</sup> )	Flat rate		( <sup>28</sup> )	( <sup>28</sup> )	( <sup>28</sup> )	( <sup>28</sup> )	( <sup>28</sup> )	( <sup>28</sup> )	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	<sup>29</sup> 20	<sup>29</sup> 40	<sup>29</sup> 20	15	2,000	2,000	No

X Not applicable. <sup>1</sup> 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. <sup>2</sup> Tax credit.

<sup>3</sup> Effective minimum rate is 2.5% due to application of a tax reduction credit. <sup>4</sup> Tax on capital gains and dividends applicable to taxpayers (individual or joint) with a Federal adjusted gross income in excess of \$20,000. <sup>5</sup> \$20,000 to \$21,999. <sup>6</sup> Subject to specified limitations. <sup>7</sup> Minimum exemption is \$1,000; maximum exemption is \$2,000. <sup>8</sup> All exemptions and deductions are incorporated into tax tables which must be used when filing State tax returns. <sup>9</sup> If

revenues exceed a specified amount, not yet determined, the personal exemption will be \$1,200. <sup>10</sup> 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. <sup>11</sup> 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. <sup>12</sup> No tax is due at specified minimum levels of income because an allowance is made for a tax credit equal to tax liability. <sup>13</sup> 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. <sup>14</sup> 10% surtax on tax liability is additional. <sup>15</sup> 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—\$1,500, dependents—\$750; standard deduction, percent-zero, single—\$2,200, married filing joint return—\$3,200. <sup>16</sup> Tax on interest and dividends. <sup>17</sup> Each spouse having taxable income is eligible for \$800 deduction; maximum exemption is, therefore, \$1,200. <sup>18</sup> Data apply to recently adopted personal income tax applicable July 1, 1976. Provisions vary for New York, Pennsylvania, and Delaware commuter taxes. <sup>19</sup> No tax is due if adjusted gross income is below \$2,500 for single taxpayers and \$5,000 for married taxpayers filing jointly. <sup>20</sup> Joint returns are inapplicable; however, a husband and wife may elect to file separate returns on a combined form. <sup>21</sup> 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. <sup>22</sup> Refunds or forgiveness of tax due are based on specified poverty income levels.

## No. 505. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1978 TO 1980

[In millions of dollars. Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity]

STATE	GENERAL FUND RESOURCES <sup>1</sup>			EXPENDITURES			STATE	GENERAL FUND RESOURCES <sup>1</sup>			EXPENDITURES		
	1978	1979	1980, proj. <sup>2</sup>	1978	1979	1980, proj. <sup>2</sup>		1978	1979	1980, proj. <sup>2</sup>	1978	1979	1980, proj. <sup>2</sup>
U.S. ....	113,008	124,525	136,358	104,076	114,538	128,854	Mo. ....	1,557	1,859	2,160	1,423	1,542	1,932
Ala. ....	1,355	1,469	1,538	1,269	1,448	1,538	Mont. ....	252	268	298	218	239	238
Alaska ..	1,767	1,767	2,827	1,116	1,098	1,260	Nevr. ....	512	586	650	492	524	611
Ariz. ....	1,063	1,185	1,357	1,031	1,068	1,170	Nev. ....	(NA)	420	407	(NA)	332	352
Ark. ....	690	777	823	690	777	823	N.H. ....	236	245	267	212	217	249
Calif. ....	15,561	18,880	20,410	11,875	16,200	18,576	N.J. ....	4,129	4,653	4,806	3,859	4,435	4,662
Colo. ....	1,106	1,279	1,450	1,002	1,111	1,246	N. Mex. ....	687	755	790	608	709	780
Conn. ....	2,012	2,223	2,388	1,918	2,222	2,388	N.Y. ....	11,182	11,942	12,864	11,177	11,931	12,853
Del. ....	521	594	644	496	546	610	N.C. ....	2,347	2,672	2,873	2,163	2,484	2,845
Fla. ....	2,970	3,355	3,806	2,850	3,123	3,687	N. Dak. ....	(NA)	447	412	(NA)	299	309
Ga. ....	2,400	2,867	2,895	2,263	2,759	2,815	Ohio ....	4,367	4,237	4,772	4,233	3,880	4,561
Hawaii ..	865	957	1,106	863	890	994	Okla. ....	747	834	970	675	736	856
Idaho. ....	291	326	378	291	316	358	Oreg. ....	1,251	1,214	1,461	1,036	1,076	1,460
Ill. ....	6,395	7,142	8,540	6,309	6,752	8,140	Pa. ....	5,330	5,892	6,367	5,368	5,861	6,323
Ind. ....	1,769	2,109	2,215	1,551	1,777	2,014	R.I. ....	587	648	691	566	606	662
Iowa. ....	1,484	1,656	1,820	1,381	1,565	1,749	S.C. ....	1,282	1,415	1,544	1,230	1,402	1,539
Kans. ....	996	1,163	1,292	841	967	1,135	S. Dak. ....	190	205	230	180	194	224
Ky. ....	1,584	1,805	1,890	1,496	1,725	1,867	Tenn. ....	2,180	2,338	2,686	2,179	2,330	2,677
La. ....	3,729	3,099	3,572	3,668	2,692	3,317	Tex. ....	4,020	4,092	4,248	3,344	3,472	4,067
Maine ....	451	511	540	416	485	524	Utah. ....	567	643	750	546	628	750
Md. ....	2,194	2,828	2,828	2,009	2,309	2,633	Vt. ....	204	228	229	199	228	227
Mass. ....	4,194	3,737	3,923	3,975	3,540	3,903	Va. ....	2,102	2,546	2,684	2,062	2,408	2,469
Mich. ....	3,894	4,378	4,697	3,872	4,348	4,697	Wash. ....	2,753	3,249	3,661	2,488	2,829	3,462
Minn. ....	2,867	3,584	3,914	2,841	3,325	3,767	W. Va. ....	949	1,000	1,056	896	953	1,043
Miss. ....	866	959	996	762	888	983	Wis. ....	4,358	4,411	3,376	3,998	3,130	3,281
							Wyo. ....	197	275	316	152	162	230

NA Not available.

<sup>1</sup> Includes funds budgeted and balances from previous year. <sup>2</sup> Projections based on budgets enacted by State legislatures in late spring/early summer 1979.

Source: National Governor's Association and National Association of State Budget Officers, Washington, D.C., *Fiscal Survey of the States*, annual.

## No. 506. GROSS REVENUE OF STATES FROM LOTTERIES AND PARIMUTUEL TAXES, 1975 TO 1979, AND BY STATE, 1979

STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE			STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE		
			Total (mil. dol.)	Percent					Total (mil. dol.)	Percent	
				Prize money	Administration <sup>1</sup>					Prize money	Administration <sup>1</sup>
1975 .....	1,553.0	776.4	776.6	38.0	10.2	Md. ....	352.8	20.5	332.3	49.8	6.0
1976 .....	1,694.8	719.3	975.5	40.5	10.0	Mass. ....	194.9	28.6	166.3	49.2	5.0
1977 .....	1,912.8	721.2	1,191.6	45.3	10.3	Mich. ....	442.0	26.4	415.6	49.0	2.4
1978 .....	2,304.1	689.5	1,614.6	43.3	8.0	Nebr. ....	7.2	7.2	(x)	(x)	(x)
1979 .....	2,522.0	717.4	1,804.5	43.5	7.7	Nev. ....	.3	.3	(x)	(x)	(x)
Ariz. ....	8.6	8.6	(x)	(x)	(x)	N.H. ....	22.1	14.4	7.7	40.0	23.8
Ark. ....	14.7	14.7	(x)	(x)	(x)	N.J. ....	302.5	18.5	284.0	52.2	6.6
Calif. ....	116.3	116.3	(x)	(x)	(x)	N. Mex. ....	2.5	2.5	(x)	(x)	(x)
Colo. ....	8.4	8.4	(x)	(x)	(x)	N.Y. ....	294.9	105.0	189.9	38.9	16.1
Conn. ....	112.1	46.0	66.2	28.0	9.8	Ohio ....	71.9	26.5	45.4	35.1	23.2
Del. ....	15.3	3.2	12.0	48.8	11.5	Oreg. ....	5.2	5.2	(x)	(x)	(x)
Fla. ....	97.6	97.6	(x)	(x)	(x)	Pa. ....	210.8	27.1	183.7	12.6	10.6
Idaho. ....	.4	.4	(x)	(x)	(x)	R.I. ....	37.2	6.6	30.6	45.5	6.1
Ill. ....	141.1	76.9	64.2	44.4	12.2	S. Dak. ....	2.4	2.4	(x)	(x)	(x)
Ky. ....	13.5	13.5	(x)	(x)	(x)	Vt. ....	1.1	1.1	(x)	(x)	(x)
La. ....	17.7	17.7	(x)	(x)	(x)	Wash. ....	7.0	7.0	(x)	(x)	(x)
Maine ....	7.9	1.3	6.6	44.7	34.1	W. Va. ....	13.6	13.6	(x)	(x)	(x)

X Not applicable.

<sup>1</sup> Includes other expenses. Excludes funds available for other purposes.

Source: U.S. Bureau of the Census, *State Government Finances in 1979*, series GF 79, No. 3.

## NO. 507. STATE PAYMENTS TO LOCAL GOVERNMENTS, BY STATE: 1967 TO 1977

[Intergovernmental expenditure is defined as the actual payment of money to local governments, including grants-in-aid and State-collected, locally shared taxes, as well as State reimbursements to local governments for services rendered (e.g. care of prisoners, construction of public improvements, etc.) It excludes transactions or activities which benefit localities without involving flow of funds. For details, see source]

STATE	TOTAL PAYMENTS (mil. dol.)			PERCENT OF STATE GENERAL EXPENDITURES			PER CAPITA PAYMENTS <sup>1</sup> (dol.)				
	1967	1972	1977	1967	1972	1977	1967	1972	1977		
									Total	Educa- tion	Public welfare
U.S.....	19,056	36,759	61,074	35.7	37.2	36.8	97	177	283	171	41
Ala.....	293	450	732	31.7	30.0	28.2	83	128	198	152	-
Alaska.....	29	102	234	10.8	17.8	22.8	105	314	576	395	-
Ariz.....	169	358	731	30.7	37.8	43.1	104	184	318	219	(z)
Ark.....	140	220	439	28.6	29.4	31.6	71	111	205	141	1
Calif.....	2,775	5,321	8,248	41.0	48.1	43.4	145	260	377	192	91
Colo.....	205	376	690	33.7	33.2	35.2	104	160	263	174	51
Conn.....	137	442	532	19.5	28.4	24.9	47	144	171	112	6
Del.....	71	117	145	29.5	28.4	23.4	135	207	250	218	-
Fla.....	423	1,025	2,017	32.4	37.6	41.1	71	141	239	188	-
Ga.....	411	599	994	37.3	30.7	31.9	91	127	197	157	2
Hawaii.....	21	20	35	5.4	2.6	2.6	28	24	39	-	-
Idaho.....	52	88	220	25.9	25.1	32.1	75	116	256	173	-
Ill.....	703	1,628	2,824	33.6	31.9	33.1	65	145	251	176	9
Ind.....	430	644	1,335	36.8	34.2	41.9	86	122	250	128	23
Iowa.....	201	462	895	27.2	36.2	39.0	73	160	311	205	6
Kans.....	200	352	447	36.6	39.5	28.1	88	156	192	154	-
Ky.....	206	349	591	22.5	22.2	22.9	65	106	171	141	-
La.....	394	660	983	30.1	33.7	30.0	107	178	251	178	-
Maine.....	40	103	220	16.2	21.1	27.4	41	100	203	165	2
Md.....	401	892	1,441	43.1	41.9	40.5	109	218	348	180	60
Mass.....	636	608	1,247	45.6	20.6	26.2	117	105	216	145	-
Mich.....	979	1,619	2,794	38.7	35.7	36.5	114	178	306	174	18
Minn.....	440	1,118	1,797	42.1	51.5	47.0	123	287	452	274	57
Miss.....	191	368	602	34.2	34.8	34.6	81	163	252	181	-
Mo.....	250	476	726	25.8	28.3	29.4	54	100	151	125	1
Mont.....	38	68	169	17.6	18.4	25.3	54	95	222	175	1
Nebr.....	78	134	318	25.3	23.9	31.8	55	88	204	76	9
Nev.....	45	99	153	26.8	34.0	30.0	101	187	242	194	(z)
N.H.....	14	58	95	9.7	18.5	17.3	21	75	112	47	-
N.J.....	425	1,160	2,010	35.9	38.7	36.9	61	157	274	151	65
N. Mex.....	136	225	398	32.4	35.4	37.5	136	211	335	259	-
N.Y.....	3,265	7,097	9,993	54.1	57.5	54.3	178	386	558	216	227
N.C.....	538	951	1,620	43.6	43.4	45.9	107	182	329	227	49
N. Dak.....	42	86	162	18.0	26.2	25.8	65	136	248	169	8
Ohio.....	643	1,102	2,466	32.8	31.3	38.5	61	102	230	141	13
Okla.....	191	321	565	23.5	25.6	28.8	77	122	201	153	1
Oreg.....	193	289	504	29.0	26.7	26.5	97	133	212	138	1
Pa.....	787	1,791	2,714	29.4	31.3	30.3	68	150	230	165	13
R.I.....	47	107	157	16.2	21.9	19.6	52	110	168	118	15
S.C.....	199	341	584	33.7	31.8	27.2	77	128	203	147	-
S. Dak.....	25	48	75	12.9	15.9	14.8	36	71	108	76	(z)
Tenn.....	303	427	719	32.8	29.5	28.2	78	106	167	114	1
Tex.....	662	1,227	2,216	29.5	29.6	30.2	61	105	173	167	-
Utah.....	99	164	304	27.1	26.7	28.8	96	146	239	205	-
Vt.....	26	54	83	15.4	16.6	17.9	62	117	171	117	-
Va.....	334	682	1,082	31.4	35.5	30.2	74	143	207	141	43
Wash.....	385	573	1,059	33.1	30.0	31.6	125	166	289	212	2
W. Va.....	119	205	430	22.0	21.0	27.6	66	115	231	215	-
Wis.....	631	1,107	1,979	46.3	46.8	48.4	151	245	426	155	68
Wyo.....	35	58	119	22.4	24.7	29.5	112	168	293	169	-

- Represents zero. Z Less than \$.50. <sup>1</sup> Based on estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 3, *State Payments to Local Governments*.

**NO. 508. 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									Public school systems <sup>2</sup>
	All types of local governments			All types of local governments		Local governments other than school districts					School districts		
	Total	With property taxing power	Excluding school districts	Total	With property taxing power	Total	Counties <sup>1</sup>	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	18	165	
Del.....	158	82	133	210	85	185	3	55	-	127	25	26	
D.C.....	3	1	3	2	1	2	-	1	-	1	2	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	48	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	265	330	23	90	-	217	55	55	

- Represents zero.

<sup>1</sup>Excluding areas corresponding to counties but having no organized county government.

<sup>2</sup>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: 1972 and 1977*, vol. 1, No. 1, *Governmental Organization*.



### No. 509. 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)	Per cent		Number (1,000)	Per cent		Number (1,000)	Per cent
<b>Total</b> .....	<b>3,042</b>	<b>189,691</b>	<b>100.0</b>	<b>18,862</b>	<b>136,761</b>	<b>100.0</b>	<b>16,822</b>	<b>46,344</b>	<b>100.0</b>
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 .....				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 .....	291	897	.4	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. 510. COUNTY GOVERNMENTS—SUMMARY OF FINANCES, 1974 TO 1978, AND PER CAPITA, BY POPULATION-SIZE GROUP: 1978

[Per capita based on population estimates as of July 1, 1977. Covers fiscal years ending between July 1 of preceding year and June 30 of year stated]

ITEM	ALL COUNTIES (mil. dol.)					PER CAPITA (dollars), 1978					
	1974	1975	1976	1977	1978	All counties		Counties with 1977 population (in 1,000) of—			
						Total (3,042)	Per cent distribution	Less than 100 (2,688) <sup>1</sup>	100-199.9 (169) <sup>1</sup>	200-299.9 (71) <sup>1</sup>	300 or more (114) <sup>1</sup>
<b>General revenue</b> .....	<b>30,246</b>	<b>32,893</b>	<b>36,942</b>	<b>41,441</b>	<b>46,048</b>	<b>238.12</b>	<b>100.0</b>	<b>209.83</b>	<b>203.71</b>	<b>221.12</b>	<b>271.84</b>
Intergovernmental revenue <sup>2</sup> .....	13,799	14,755	16,677	18,787	20,879	107.97	45.3	98.19	90.07	106.91	120.24
From State govt.....	11,023	11,842	13,156	14,315	15,388	79.57	33.4	72.52	62.92	78.90	89.39
From Federal govt.....	2,320	2,385	2,911	3,741	4,825	24.95	10.5	23.77	24.18	24.84	26.06
Gen. revenue sharing.....	1,722	1,595	1,612	1,671	1,721	8.90	3.7	10.55	7.49	7.59	8.29
Tax revenue.....	11,662	12,660	14,130	15,865	17,435	90.16	37.9	68.18	75.73	75.51	113.40
Property.....	9,573	10,316	11,582	12,888	14,017	72.48	30.4	55.35	59.35	61.59	100.00
Charges and misc.....	4,784	5,478	6,135	6,789	7,735	40.00	16.8	43.46	37.91	38.70	38.20
<b>General expenditure</b> .....	<b>28,879</b>	<b>32,744</b>	<b>37,478</b>	<b>41,282</b>	<b>44,762</b>	<b>231.47</b>	<b>100.0</b>	<b>200.70</b>	<b>197.74</b>	<b>214.33</b>	<b>266.89</b>
Capital outlay.....	3,862	4,850	5,236	5,063	5,078	26.26	11.3	25.28	24.62	20.36	28.60
Other.....	25,017	27,894	32,241	36,219	39,684	205.21	88.7	175.43	173.08	193.97	238.29
Public welfare.....	6,342	6,169	7,079	7,842	8,212	42.47	18.4	20.65	30.20	46.64	61.27
Education.....	4,757	5,643	5,996	6,634	6,963	36.01	15.6	45.90	35.86	30.71	29.66
Highways.....	3,118	3,458	3,733	3,849	4,035	20.87	9.0	33.72	19.39	15.35	12.68
Hospitals.....	2,899	3,337	3,860	4,346	4,754	24.59	10.6	24.94	14.16	18.40	28.28
General control.....	1,706	1,986	2,282	2,560	2,895	14.97	6.5	11.37	13.25	15.01	18.13
Police protection.....	1,210	1,450	1,721	1,916	2,150	11.17	4.8	8.95	10.63	9.38	13.23
Financial administration.....	765	883	980	1,092	1,235	6.38	2.8	6.35	6.06	6.27	6.93
General public buildings.....	650	824	980	933	970	5.02	2.2	4.92	5.53	5.87	4.79
Health.....	1,128	1,428	1,684	1,957	2,227	11.52	5.0	7.43	10.85	13.74	14.32
Correction.....	818	980	1,110	1,244	1,433	7.41	3.2	3.12	5.10	6.90	11.35
Natural resources.....	429	510	664	558	574	2.97	1.3	2.51	1.61	2.07	3.85
Parks and recreation.....	609	741	820	887	941	4.86	2.1	2.02	3.27	3.39	7.72
Interest on general debt.....	695	795	896	992	1,122	5.80	2.5	4.37	5.53	5.81	6.95
Other and unallocable.....	3,752	4,541	5,692	6,479	7,251	37.44	16.2	24.43	36.47	34.79	48.15
<b>Debt outstanding, end of year</b> .....	<b>17,486</b>	<b>18,935</b>	<b>20,372</b>	<b>22,590</b>	<b>24,938</b>	<b>128.96</b>	<b>100.0</b>	<b>96.19</b>	<b>131.33</b>	<b>134.68</b>	<b>151.84</b>
Long-term.....	16,353	17,617	19,028	21,367	23,876	123.46	95.7	(NA)	(NA)	(NA)	(NA)
Short-term.....	1,133	1,318	1,343	1,223	1,063	5.49	4.3	(NA)	(NA)	(NA)	(NA)

NA Not available.

<sup>1</sup>Figures in parentheses represent number of counties in each size group.

<sup>2</sup>Includes other intergovernmental revenue not shown separately.

Source: U.S. Bureau of the Census, *County Government Finances* series GF, No. 8, annual.

# NO. 511. GROSS ASSESSED VALUE OF PROPERTY AND GOVERNMENT REVENUE FROM PROPERTY TAXES: 1966 TO 1979

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

ITEM	1966	1971	1973	1975	1976	1978	1979
<b>Gross assessed property</b> .....	<b>499.0</b>	<b>717.8</b>	<b>872.6</b>	<b>1,096.3</b>	<b>1,229.1</b>	<b>1,509.7</b>	<b>1,678.8</b>
State assessed.....	41.6	53.5	59.4	74.8	84.8	108.4	113.5
Locally assessed.....	457.4	664.2	813.2	1,021.5	1,144.3	1,401.3	1,565.3
Real property.....	393.2	573.9	704.6	881.6	992.5	1,212.6	1,358.5
Percent of locally assessed.....	86.0	86.4	86.6	86.3	86.4	86.4	86.8
Net assessed value of locally taxable property <sup>2</sup> .....	484.1	694.6	845.0	1,062.9	1,189.4	1,443.2	1,607.3
Percent of gross assessed.....	97.0	96.8	96.8	97.0	96.8	95.6	95.7
<b>REVENUE FROM PROPERTY TAXES</b>							
<b>Total revenue, State and local</b> .....	<b>24.7</b>	<b>37.9</b>	<b>45.3</b>	<b>51.5</b>	<b>57.0</b>	<b>66.4</b>	<b>64.9</b>
Percent of general revenue.....	29.7	26.1	23.8	22.6	22.3	21.0	18.9
Percent of tax revenue.....	43.6	39.9	37.4	36.4	36.3	34.3	31.6
Revenue, State governments.....	.8	1.1	1.3	1.5	2.1	2.4	2.5
Percent of all revenue.....	1.5	1.1	1.0	.9	1.1	1.1	1.0
Percent of tax revenue.....	2.8	2.2	1.9	1.8	2.4	2.1	2.0
Revenue, local governments.....	23.8	36.7	44.0	50.0	54.9	64.1	62.5
Annual average percent change from prior year shown.....	<sup>3</sup> 9.3	9.0	7.6	6.6	9.7	8.1	-2.6
Percent of all revenue.....	40.2	36.4	34.1	32.2	30.8	29.9	25.6
Percent of tax revenue.....	87.1	84.6	82.9	81.6	81.2	80.0	77.5

<sup>1</sup>Includes 1978 data for 11 States. See footnote 3, table 512. <sup>2</sup>Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. <sup>3</sup>Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967 and 1977*, vol. 2, *Property Values Subject to Local General Property Taxation in the United States: 1973, 1975, 1978, and 1979*, series GSS Nos. 80, 92, and 98; and *Governmental Finances*, series GF, No. 5, annual.

## NO. 512. GROSS ASSESSED VALUE OF PROPERTY SUBJECT TO LOCAL GENERAL PROPERTY TAXATION, 1979, AND REVENUE FROM PROPERTY TAX, 1978—STATES

[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 \$1,607 billion in 1979. 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	GROSS VALUE OF PROPERTY, 1979		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX, 1978			STATE	GROSS VALUE OF PROPERTY, 1979		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX, 1978		
	Total as-sessed	Locally as-sessed	Total	Percent of—			Total as-sessed	Locally as-sessed	Total	Percent of—	
				General revenue	Tax revenue					General revenue	Tax revenue
U.S.....	1,678.8	1,565.3	66.4	21.0	34.3	Mo.....	17.3	15.2	.9	17.8	29.9
Ala.....	8.5	6.9	.3	6.1	12.2	Mont <sup>1,2</sup> .....	<sup>3</sup> 1.6	<sup>3</sup> 1.2	.3	25.2	48.1
Alaska.....	18.6	11.0	.3	21.2	43.2	Nebr.....	11.8	11.6	.5	25.4	42.9
Ariz.....	7.2	4.9	.8	24.1	37.6	Nev.....	<sup>3</sup> 6.6	<sup>3</sup> 6.0	.2	18.2	31.4
Ark.....	4.6	3.7	.3	11.0	21.3	N.H.....	10.7	10.7	.3	34.8	58.8
Calif.....	132.9	125.4	11.0	26.5	40.2	N.J.....	<sup>3</sup> 97.1	<sup>3</sup> 97.0	3.5	32.3	48.0
Colo.....	12.4	11.2	.8	20.9	35.7	N. Mex.....	5.5	3.0	.1	7.9	16.1
Conn.....	37.1	37.1	1.4	31.3	46.4	N.Y.....	<sup>3</sup> 89.7	<sup>3</sup> 85.0	8.4	23.8	36.0
Del.....	3.9	3.9	.1	8.6	15.5	N.C.....	<sup>3</sup> 79.0	<sup>3</sup> 71.1	.8	13.6	23.3
D.C.....	13.1	13.1	.2	9.4	23.4	N.Dak. <sup>2</sup> .....	.8	.8	.2	15.9	33.3
Fla.....	158.2	157.7	2.0	18.9	32.6	Ohio.....	69.4	51.6	2.7	21.2	35.2
Ga.....	36.9	33.4	1.0	15.4	28.8	Okl.....	6.8	5.4	.4	11.0	20.3
Hawaii <sup>1</sup> .....	15.1	15.1	.2	9.3	16.4	Oreg.....	64.1	59.7	.9	22.1	41.6
Idaho.....	2.9	2.5	.2	16.8	30.6	Pa.....	<sup>3</sup> 27.6	<sup>3</sup> 27.6	2.6	16.7	25.8
Ill. <sup>2</sup> .....	<sup>3</sup> 67.2	<sup>3</sup> 65.8	3.7	23.9	35.5	R.I.....	8.1	8.1	.3	25.0	42.5
Ind.....	<sup>3</sup> 17.0	<sup>3</sup> 15.3	1.3	21.6	34.6	S.C.....	2.6	2.1	.4	12.3	22.6
Iowa.....	58.6	53.8	.9	22.9	38.2	S.Dak.....	4.4	4.2	.2	24.6	47.2
Kans.....	10.0	8.4	.8	25.6	41.9	Tenn.....	13.6	12.3	.6	13.1	23.9
Ky.....	47.6	43.0	.4	10.4	18.2	Tex.....	64.6	64.4	3.3	21.3	35.7
La.....	<sup>3</sup> 8.1	<sup>3</sup> 6.7	.4	7.3	13.6	Utah.....	5.2	4.2	.3	15.3	28.2
Maine.....	15.7	15.7	.3	22.0	38.2	Vt.....	6.2	6.2	.2	22.8	42.2
Mid. <sup>1</sup> .....	37.3	31.1	1.2	17.4	28.5	Va.....	85.5	79.5	1.1	18.8	28.0
Mass.....	43.9	43.2	3.0	31.1	47.5	Wash.....	78.7	75.0	1.1	18.3	30.8
Mich. <sup>4</sup> .....	72.5	72.5	3.2	22.1	36.3	W. Va.....	<sup>3</sup> 12.4	<sup>3</sup> 10.4	.2	9.9	17.8
Minn.....	<sup>3</sup> 15.9	<sup>3</sup> 15.8	1.2	18.3	30.0	Wis.....	55.0	51.1	1.5	21.3	33.6
Miss.....	<sup>3</sup> 4.3	<sup>3</sup> 3.4	.3	10.8	21.7	Wyo.....	3.8	1.2	.2	21.9	40.3

<sup>1</sup>All assessment is performed by a State agency but assessed values are shown here as "locally assessed" for comparability with other States. <sup>2</sup>Two sets of values are locally recorded for taxable property. For comparability with data for other States, assessed values shown here pertain to final values against which tax rates are applied, rather than to preliminary "full and true," "true and full," and "market," or (in Illinois) local unadjusted values. <sup>3</sup>1978 values. <sup>4</sup>State-evaluated values, which are the legal values for levy of authorized tax rates within State.

Source: U.S. Bureau of the Census, *Property Values Subject to Local General Property Taxation in the United States: 1979*, series GSS No. 98 and *Governmental Finances in 1977-78*, series GF 78, No. 5.

## No. 513. CITY GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1978

[In millions of dollars, except percent. Represents all municipalities (see table 508) and their dependent agencies; excludes other local governments overlying city areas. See text, p. 286. 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. See Appendix III]

ITEM	1960	1965	1970	1975	1976	1977	1978	PERCENT OF TOTAL	
								1970	1978
<b>Revenue</b> .....	<b>14,915</b>	<b>20,318</b>	<b>32,704</b>	<b>59,744</b>	<b>66,856</b>	<b>73,797</b>	<b>80,125</b>	<b>100.0</b>	<b>100.0</b>
General revenue.....	11,647	15,881	26,621	49,853	55,341	60,921	65,486	81.4	81.7
Intergovernmental revenue.....	2,321	3,534	7,906	19,648	22,234	24,176	25,833	24.2	32.2
From State governments only.....	1,868	2,745	6,173	13,053	13,772	14,236	14,482	18.9	18.1
Taxes.....	7,109	9,289	13,647	21,135	23,336	26,067	27,830	41.7	34.7
Property.....	5,197	6,537	9,127	13,046	14,165	15,657	16,293	27.9	20.3
Percent of total taxes.....	73.1	70.4	66.9	61.7	60.1	60.1	58.5	(x)	(x)
Sales and gross receipts.....	1,217	1,795	2,422	4,555	5,109	5,805	6,508	7.4	8.1
General.....	797	1,184	1,479	2,769	3,083	3,511	3,996	4.5	4.9
Selective.....	420	611	943	1,786	2,026	2,294	2,512	2.9	3.1
Licenses and other.....	695	957	2,098	3,534	4,063	4,604	5,029	6.4	6.7
Charges and miscellaneous.....	2,217	3,061	5,068	9,071	9,771	10,678	11,824	15.5	14.8
Current charges only.....	1,342	1,951	3,113	5,443	6,161	6,872	7,685	9.5	9.6
Utility and liquor store revenue.....	2,861	3,852	5,169	8,409	9,708	10,905	12,501	15.8	15.6
Water system.....	1,253	1,651	2,201	3,266	3,454	3,833	4,293	6.7	5.4
Electric power system.....	1,006	1,441	1,893	3,682	4,598	5,268	6,283	5.8	7.8
Gas supply system.....	162	215	292	448	522	628	741	.9	.9
Transit system.....	370	453	671	821	929	944	970	2.1	1.2
Liquor stores.....	71	92	121	192	204	212	214	.4	.1
Insurance trust revenue.....	407	582	915	1,492	1,807	1,971	2,136	2.8	2.7
<b>Expenditure</b> .....	<b>15,251</b>	<b>20,680</b>	<b>34,173</b>	<b>60,703</b>	<b>67,460</b>	<b>70,599</b>	<b>77,283</b>	<b>100.0</b>	<b>100.0</b>
General expenditure <sup>1</sup> .....	11,818	16,012	27,682	48,935	54,425	56,145	60,964	81.0	78.9
Police protection.....	1,275	1,739	2,994	5,420	6,015	6,445	6,991	8.8	9.0
Fire protection.....	885	1,146	1,762	2,968	3,257	3,496	3,855	5.2	5.0
Highways.....	1,573	1,807	2,499	3,861	4,245	4,273	4,740	7.3	6.1
Sewerage and other sanitation.....	1,332	1,774	2,553	5,229	5,557	5,753	6,251	7.5	8.1
Public welfare.....	608	927	2,215	3,846	4,544	4,624	4,357	6.5	5.6
Education.....	1,801	2,489	4,548	7,164	7,610	7,633	7,973	13.3	10.3
Libraries.....	185	267	407	632	684	668	732	1.2	1.0
Health and hospitals.....	799	1,115	1,944	3,641	3,462	3,290	3,618	5.7	4.7
Parks and recreation.....	551	775	1,306	2,274	2,558	2,496	2,788	3.8	3.6
Housing and urban renewal.....	464	686	1,154	1,752	1,525	1,747	2,084	3.4	2.7
Airports.....	189	182	435	615	671	589	772	1.3	1.0
Financial administration.....	598	291	457	819	912	1,004	1,399	1.3	1.6
General control.....	598	468	776	1,440	1,611	1,755	1,738	2.3	2.2
General public buildings.....	182	329	430	845	934	838	914	1.3	1.2
Interest on general debt.....	431	603	1,098	2,294	2,683	2,644	2,869	3.2	3.7
Other and unallocable.....	946	1,414	3,104	6,135	8,157	8,868	9,873	9.1	12.8
Utility and liquor store expenditure.....	2,975	4,044	5,489	8,986	11,036	12,278	13,912	16.1	18.0
Water system.....	1,424	1,820	2,337	3,776	3,958	4,467	4,921	6.8	6.4
Electric power system.....	859	1,291	1,811	3,779	4,560	5,275	6,402	5.3	8.3
Gas supply system.....	143	193	260	407	463	541	653	.8	.8
Transit system.....	489	662	974	1,765	1,875	1,806	1,746	2.9	2.3
Liquor stores.....	60	78	107	169	179	188	190	.3	.2
Insurance trust expenditure.....	458	624	1,002	1,872	2,000	2,177	2,408	2.9	3.1
By character and object:									
Direct expenditure.....	15,093	20,425	33,792	59,989	65,890	69,030	75,353	98.9	97.5
Current operation.....	9,874	13,564	22,895	41,451	46,705	50,287	55,371	67.0	71.6
Capital outlay.....	3,891	4,750	7,103	12,054	11,923	11,273	12,145	20.8	15.7
Construction and equip. <sup>2</sup> .....	3,256	4,197	6,371	11,216	11,204	10,690	9,944	18.6	12.9
Land and existing structures <sup>2</sup> .....	436	553	733	898	718	583	2,201	2.1	2.8
Assistance payments.....	386	530	1,245	1,594	1,787	1,794	1,584	3.6	2.0
Interest on debt.....	684	957	1,547	3,018	3,475	3,500	3,846	4.5	5.0
Insurance benefits, repayments.....	458	624	1,002	1,872	2,000	2,177	2,408	2.9	3.1
Intergovernmental expenditure.....	158	255	381	714	1,570	1,569	1,930	1.1	2.5
Total personal services <sup>3</sup> .....	6,772	9,075	14,784	24,635	26,367	27,599	29,606	43.4	38.3
Debt outstanding, year end.....	23,178	31,862	43,773	65,239	68,797	71,497	78,167	100.0	100.0
Long-term.....	21,904	29,280	38,870	55,789	62,119	66,929	74,983	88.8	95.9
Full faith and credit.....	14,473	18,477	22,005	31,886	36,839	38,646	40,828	50.3	52.2
Nonguaranteed.....	7,430	10,803	16,863	23,903	25,280	28,283	34,155	38.5	43.7
Short-term.....	1,274	2,582	4,903	9,450	6,677	4,568	3,184	11.2	4.1
Net long-term debt outstanding.....	20,103	26,774	36,087	51,437	57,322	61,046	67,023	82.4	85.7
Long-term debt issued.....	2,420	3,347	3,810	5,754	9,684	9,874	11,302	(x)	(x)
Long-term debt retired.....	1,318	1,776	2,310	3,656	3,868	4,477	4,865	(x)	(x)

X Not applicable. <sup>1</sup>Includes intergovernmental expenditure. <sup>2</sup>Beginning 1977, equipment included with land and existing structures. <sup>3</sup>Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

## NO. 514. CITY GOVERNMENTS—FINANCES, BY POPULATION-SIZE GROUPS: 1978

ITEM	All cities	CITIES HAVING A 1977 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, 1977.....	18,915	18,508	246	96	17	24	18	6
Population, 1977 (mil.).....	138.6	65.2	17.0	13.3	4.3	9.1	12.0	17.7
FINANCES (mil. dol.)								
General revenue <sup>1</sup> .....	65,486	17,161	6,669	6,207	2,193	4,950	8,423	19,884
Intergovernmental.....	25,833	5,959	2,278	2,496	847	1,973	3,674	8,606
From State governments.....	14,482	3,340	1,200	1,168	441	756	1,425	6,152
From Federal government.....	10,234	2,179	991	1,152	377	1,090	2,104	2,341
Revenue sharing.....	2,487	784	263	244	89	199	277	631
Taxes <sup>1</sup> .....	27,830	7,057	3,048	2,580	934	1,951	3,485	8,775
Property.....	16,293	4,485	2,153	1,787	549	984	1,905	4,420
Percent of total taxes.....	58.5	63.7	70.8	69.3	58.8	50.4	54.7	50.4
Sales and gross receipts.....	6,508	1,666	610	529	263	604	836	2,000
Current charges.....	7,685	2,550	903	749	240	654	836	1,753
Water supply and other utility.....	12,287	5,334	1,130	1,331	302	787	1,344	2,059
General expenditure <sup>1</sup> .....	60,964	16,192	6,479	5,895	2,274	4,796	7,997	17,331
Education.....	7,973	1,309	904	999	398	443	1,077	2,843
Highways.....	4,740	2,172	590	477	165	328	520	488
Public welfare.....	4,357	63	42	86	49	97	501	3,519
Health and hospitals.....	3,618	1,374	635	288	122	234	257	728
Police and fire protection.....	10,846	3,347	1,315	1,111	373	920	1,334	2,446
Sewerage and sanitation.....	6,251	2,328	732	633	241	568	752	997
Housing and urban renewal.....	2,084	497	274	237	75	137	236	628
Interest on general debt.....	2,669	702	241	231	119	244	353	979
Water supply and other utility.....	13,722	5,709	1,191	1,390	354	908	1,502	2,668
Gross debt outstanding.....	78,167	23,369	6,946	6,866	3,580	6,953	8,924	21,529
Long-term.....	74,983	22,462	6,535	6,615	3,373	6,717	8,438	20,843
Short-term.....	3,184	907	411	251	207	236	486	686
PERCENT DISTRIBUTION								
General revenue <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Intergovernmental.....	39.4	34.7	34.2	40.2	36.6	39.9	43.6	43.3
Taxes <sup>1</sup> .....	42.5	41.1	45.7	41.6	42.6	39.4	41.4	44.1
Property.....	24.9	26.2	32.3	28.8	25.0	19.9	22.6	22.2
Sales and gross receipts.....	9.9	9.7	9.1	8.5	12.0	12.2	9.9	10.1
Current charges.....	11.7	14.9	13.5	12.1	10.9	13.2	9.8	8.8
General expenditure <sup>1</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Education.....	13.1	8.1	14.0	16.9	17.5	9.2	13.5	16.4
Highways.....	7.8	13.4	9.1	8.1	7.3	6.8	6.5	2.8
Public welfare.....	7.1	.4	.6	1.5	2.2	2.0	6.3	20.3
Health and hospitals.....	6.0	8.5	9.8	4.5	5.4	4.9	3.2	4.2
Police and fire protection.....	17.8	20.7	20.3	18.8	16.4	19.2	16.7	14.1
Sewerage and sanitation.....	10.2	14.4	11.3	10.7	10.6	11.8	9.4	5.8
Housing and urban renewal.....	3.4	3.1	4.2	4.0	3.3	2.9	3.0	5.6
Interest on general debt.....	4.7	4.3	3.7	3.9	5.2	5.1	4.4	15.4
PER CAPITA <sup>2</sup> (dollars)								
General revenue <sup>1</sup> .....	473	263	393	466	513	547	703	1,121
Intergovernmental.....	186	91	134	187	198	218	307	485
From State governments.....	105	51	71	88	103	83	119	347
From Federal government.....	74	33	58	86	88	120	176	132
Revenue sharing.....	18	12	15	18	21	22	23	36
Taxes <sup>1</sup> .....	201	108	179	194	218	215	291	495
Property.....	118	69	127	134	128	109	159	249
Sales and gross receipts.....	47	26	36	40	61	67	70	113
Current charges.....	55	39	53	56	56	72	70	99
Water supply and other utility.....	89	82	67	100	71	87	112	116
General expenditure <sup>1</sup> .....	440	248	381	443	531	530	668	977
Education.....	58	20	53	75	83	49	90	160
Highways.....	34	33	35	36	39	36	43	28
Public welfare.....	31	1	2	6	11	11	42	198
Health and hospitals.....	26	11	15	18	29	30	53	77
Police and fire protection.....	78	51	77	83	87	102	111	138
Sewerage and sanitation.....	45	36	43	48	56	63	63	56
Housing and urban renewal.....	15	8	16	18	18	15	20	35
Interest on general debt.....	21	11	14	17	28	27	29	55
Water supply and other utility.....	99	88	70	104	83	100	125	150
Gross debt outstanding.....	564	358	409	515	837	768	745	1,213
Long-term.....	541	345	385	497	788	742	704	1,175
Short-term.....	23	14	24	19	48	26	41	39

<sup>1</sup>Includes items not shown separately.<sup>2</sup>Based on population as of July 1, 1977.Source: U.S. Bureau of the Census, *City Government Finances in 1977-78*, series GF78, No. 4.

## NO. 515. CITY GOVERNMENTS—FINANCES,

[In millions of dollars. For fiscal year closed]

CITIES RANKED BY POPULATION SIZE, 1977	REVENUE								Gross debt out- stand- ing
	Total <sup>1</sup>	General revenue						Utility revenue	
		Total <sup>1</sup>	Intergovernmental revenue		Taxes				
			From State and local govts.	From Federal Government	Total <sup>1</sup>	Property	Sales and gross receipts		
New York, N.Y.	15,971	14,323	5,516.0	1,110.5	6,143.2	3,272.5	1,361.0	952.9	14,343
Chicago, Ill.	1,661	1,401	187.8	384.4	668.9	305.4	275.2	111.0	1,310
Los Angeles, Calif.	2,345	1,421	144.2	304.3	661.2	331.4	225.3	780.1	2,718
Philadelphia, Pa.	1,425	1,313	177.0	259.9	692.8	183.5	3.8	39.3	1,555
Houston, Tex.	577	482	11.9	62.5	272.2	163.1	101.6	79.8	918
Detroit, Mich.	1,113	944	228.1	218.9	336.5	183.9	33.0	95.6	685
Dallas, Tex.	372	302	4.6	34.9	185.7	118.8	65.6	49.9	486
Baltimore, Md.	1,136	1,062	453.6	212.6	311.2	209.8	29.1	24.5	493
San Diego, Calif.	346	288	46.3	65.0	107.3	47.2	50.6	41.1	140
San Antonio, Tex.	507	170	5.8	54.2	65.3	39.3	24.1	332.1	715
Honolulu, Hawaii <sup>2</sup>	354	320	14.0	123.7	149.9	120.7	14.2	33.1	276
Indianapolis, Ind.	350	343	80.1	81.5	110.8	107.2	1.4	5.6	284
Washington, D.C.	1,791	1,684	29.9	696.3	847.7	197.8	314.4	18.7	1,581
Phoenix, Ariz.	321	281	58.0	76.0	93.9	35.6	53.5	31.9	545
Memphis, Tenn.	755	421	187.2	66.3	93.2	67.6	13.9	311.6	733
San Francisco, Calif.	1,059	905	206.0	156.1	379.0	252.2	69.4	92.5	657
Milwaukee, Wis.	351	293	92.6	51.6	101.7	93.4	.9	21.1	285
Boston, Mass.	852	794	174.2	106.7	430.4	426.1	-	23.5	599
Cleveland, Ohio.	378	309	35.4	100.5	101.0	40.1	1.1	69.2	478
San Jose, Calif.	227	214	45.1	25.7	93.4	39.4	38.4	1.3	146
New Orleans, La.	317	293	34.7	89.0	104.7	33.7	63.2	16.4	372
Columbus, Ohio	227	195	20.8	49.4	76.4	8.5	.9	31.9	340
Jacksonville, Fla. <sup>2</sup>	463	230	49.4	38.8	69.6	44.8	20.4	226.8	644
St. Louis, Mo.	365	331	33.0	75.8	171.7	33.4	74.8	12.3	152
Seattle, Wash.	385	254	33.4	49.4	98.8	35.8	41.5	114.4	516
Denver, Colo.	437	390	64.8	67.4	151.5	58.4	76.1	36.4	442
Kansas City, Mo.	307	276	11.2	68.8	140.6	24.8	58.2	18.0	307
Pittsburgh, Pa.	187	167	30.2	40.0	83.5	43.4	7.1	13.1	138
Nashville-Davidson, Tenn. <sup>2</sup>	559	340	64.6	57.1	153.0	96.8	44.4	209.2	552
Atlanta, Ga.	290	246	42.8	39.4	85.2	59.1	26.0	26.0	911
Cincinnati, Ohio.	301	265	43.7	63.6	105.9	27.6	1.6	18.8	204
El Paso, Tex.	110	96	2.6	29.8	37.3	22.4	13.4	49.9	59
Buffalo, N.Y.	405	393	162.1	100.9	98.9	94.4	2.9	11.5	318
Portland, Oreg.	181	166	13.3	51.9	67.4	50.0	8.0	13.1	109
Oklahoma City, Okla.	192	168	3.9	48.0	75.1	25.2	48.1	16.1	409
Fort Worth, Tex.	160	132	6.2	36.6	54.7	33.7	19.1	16.9	196
Omaha, Nebr.	136	132	17.3	43.9	55.0	32.4	19.0	-	116
Minneapolis, Minn.	232	204	51.5	43.3	76.2	65.8	6.5	10.5	308
Toledo, Ohio	141	130	12.2	34.9	49.9	8.0	.3	10.3	154
Miami, Fla.	128	114	22.1	15.0	66.7	42.9	19.9	-	134
Long Beach, Calif.	246	193	19.7	30.1	70.5	38.0	25.0	53.0	85
Tulsa, Okla.	158	139	3.9	34.8	54.6	11.2	41.8	14.1	328
Oakland, Calif.	212	203	18.4	61.7	74.3	40.4	26.2	-	157
Newark, N.J.	386	374	183.6	44.4	131.6	95.6	23.4	10.8	169
Austin, Tex.	260	115	4.6	18.9	48.5	32.7	14.5	137.3	533
Louisville, Ky.	234	206	33.3	68.5	59.4	17.9	2.8	24.4	340
Baton Rouge, La.	137	132	12.9	27.5	61.9	17.6	40.0	1.5	280
Tucson, Ariz.	137	115	24.3	20.5	50.1	10.2	37.7	20.8	178
Charlotte, N.C.	136	124	21.5	38.8	45.4	43.2	-	10.4	166
Albuquerque, N. Mex.	137	123	37.3	27.4	32.4	19.4	9.0	14.0	126
Birmingham, Ala.	168	137	9.2	31.0	60.1	11.3	18.8	22.1	402
Norfolk, Va.	228	210	58.9	40.9	85.1	43.0	32.6	14.4	213
Wichita, Kans.	120	108	11.0	20.8	36.6	29.9	5.2	10.2	396
St. Paul, Minn.	159	144	40.5	30.8	41.3	29.1	10.3	12.0	347
Tampa, Fla.	134	112	13.3	26.0	41.1	21.9	16.3	11.7	148
Sacramento, Calif.	132	116	13.4	21.8	50.2	25.4	21.0	7.1	85
Rochester, N.Y.	228	216	61.7	12.7	125.2	97.0	16.8	11.6	299
Akron, Ohio	100	88	8.0	19.7	39.0	8.9	.1	11.2	118
St. Petersburg, Fla.	88	75	10.7	14.5	26.2	12.8	11.7	10.1	208
Virginia Beach, Va.	150	142	48.2	14.3	66.4	37.7	20.8	8.1	146
Jersey City, N.J.	184	175	64.3	17.1	86.1	68.8	16.7	7.7	125
Richmond, Va.	276	229	55.0	29.9	113.2	66.5	30.1	46.2	311
Corpus Christi, Tex.	81	54	.9	16.6	26.2	17.1	8.8	26.8	79

- Represents zero or rounds to zero. Z Less than \$50,000.

<sup>2</sup> Represents city and county consolidated government.<sup>1</sup> Includes categories not shown separately.

## LARGEST CITIES: 1978

in the 12 months ending June 30, 1978<sup>1</sup>

EXPENDITURE										CITIES RANKED BY POPULATION SIZE, 1977
Total <sup>1</sup>	General expenditure									
	Total <sup>1</sup>	Educa- tion	High- ways	Public welfare	Health and hospitals	Police protec- tion	Fire protec- tion	Hous- ing and urban renewal		
14,762	12,365	2,743.5	194.5	3,414.6	1,120.7	726.9	324.5	486.3	New York, N.Y.	
1,440	1,246	18.7	82.1	28.1	85.2	334.4	107.6	14.0	Chicago, Ill.	
2,116	1,036	26.9	76.9	-	5.1	241.7	101.9	25.0	Los Angeles, Calif.	
1,508	1,377	38.0	72.2	75.6	86.2	189.1	60.5	51.9	Philadelphia, Pa.	
514	416	.3	26.6	-	18.0	77.4	52.7	-	Houston, Tex.	
1,124	891	14.8	36.3	.7	43.2	174.5	54.5	50.8	Detroit, Mich.	
332	268	-	29.2	-	5.2	50.1	27.2	.3	Dallas, Tex.	
1,083	1,023	322.6	125.8	5.1	77.1	76.6	36.9	37.9	Baltimore, Md.	
306	241	10.5	17.5	-	.1	33.4	18.9	11.4	San Diego, Calif.	
610	190	.6	15.4	.9	11.1	29.4	14.8	7.1	San Antonio, Tex.	
345	282	-	23.5	-	3.9	37.1	18.5	7.0	Honolulu, Hawaii. <sup>2</sup>	
347	324	1.5	27.1	41.6	61.8	34.9	15.0	4.1	Indianapolis, Ind.	
1,783	1,658	324.7	55.8	285.1	138.8	140.3	54.9	36.9	Washington, D.C.	
326	288	5.4	33.2	.3	.8	50.8	21.7	9.6	Phoenix, Ariz.	
704	387	160.8	20.6	.8	5.7	35.1	29.8	.1	Memphis, Tenn.	
993	776	4.4	26.3	146.9	108.3	48.7	36.6	23.1	San Francisco, Calif.	
283	244	.8	24.6	-	8.3	48.4	21.9	15.0	Milwaukee, Wis.	
865	801	237.6	21.1	3.9	87.3	71.6	48.2	32.4	Boston, Mass.	
423	345	1.8	19.0	1.8	10.3	58.5	27.6	10.9	Cleveland, Ohio.	
179	172	-	17.5	-	-	30.0	16.2	2.0	San Jose, Calif.	
293	266	1.1	21.9	4.0	8.0	31.2	14.8	19.5	New Orleans, La.	
240	201	-	15.4	-	6.8	30.6	19.9	.3	Columbus, Ohio.	
454	226	-	12.8	4.3	34.0	24.0	14.4	9.3	Jacksonville, Fla. <sup>2</sup>	
330	306	4.9	13.7	4.1	66.6	48.6	11.3	8.5	St. Louis, Mo.	
379	231	1.8	18.7	-	8.8	34.2	23.2	10.0	Seattle, Wash.	
435	380	-	13.1	55.4	53.4	37.8	21.7	1.2	Denver, Colo.	
275	248	13.2	20.9	.8	16.4	38.0	22.2	7.9	Kansas City, Mo.	
195	171	-	24.4	-	-	27.7	24.9	4.7	Pittsburgh, Pa.	
580	353	127.4	26.1	3.9	39.7	21.2	15.3	.1	Nashville-Davidson, Tenn. <sup>2</sup>	
304	261	4.7	14.2	2.9	.2	27.7	14.0	6	Atlanta, Ga.	
289	248	-	12.0	-	15.9	27.7	19.9	13.6	Cincinnati, Ohio.	
92	75	-	5.2	-	2.1	13.6	7.3	.3	El Paso, Tex.	
374	367	40.2	8.2	-	1.2	25.0	22.0	22.3	Buffalo, N.Y.	
216	187	1.3	11.4	-	36.8	25.5	17.4	6.9	Portland, Oreg.	
173	142	.3	16.1	-	-	14.6	14.2	6.2	Oklahoma City, Okla.	
142	119	-	13.3	-	2.3	15.0	10.5	-	Fort Worth, Tex.	
138	135	-	16.5	-	2.0	13.2	11.0	5.7	Omaha, Nebr.	
226	188	-	24.5	-	6.0	18.5	12.3	8.0	Minneapolis, Minn.	
150	137	-	13.5	-	6.2	19.4	14.2	11.8	Toledo, Ohio	
125	117	-	9.7	-	.1	23.3	16.3	-	Miami, Fla.	
246	201	2.1	5.8	-	3.7	31.1	18.4	4.1	Long Beach, Calif.	
146	126	.5	12.2	-	6.6	10.7	10.0	6.3	Tulsa, Okla.	
191	173	.6	15.9	-	-	24.1	16.8	8.8	Oakland, Calif.	
365	350	150.8	4.9	33.6	3.5	34.5	24.4	1.4	Newark, N.J.	
331	125	.1	12.0	.3	30.1	11.4	7.5	2.1	Austin, Tex.	
212	173	-	4.8	-	6.5	20.0	11.0	11.3	Louisville, Ky.	
165	160	-	11.4	.1	26.8	15.9	7.6	-	Baton Rouge, La.	
148	122	-	13.7	-	-	18.1	11.4	3.9	Tucson, Ariz.	
129	115	-	11.8	-	-	12.0	9.6	2.7	Charlotte, N.C.	
138	116	-	7.0	-	1.3	14.9	10.8	1.7	Albuquerque, N. Mex.	
156	128	6.7	8.5	-	1.7	15.7	12.5	1.5	Birmingham, Ala.	
191	165	63.8	7.8	12.9	9.9	12.1	8.7	-	Norfolk, Va.	
226	207	-	15.2	-	86.2	7.7	6.4	1.0	Wichita, Kans.	
171	156	-	18.3	.5	3.5	15.0	10.5	15.9	St. Paul, Minn.	
157	130	-	6.6	-	-	18.3	14.2	.8	Tampa, Fla.	
120	107	-	4.1	-	.3	19.5	13.3	5.9	Sacramento, Calif.	
290	281	115.3	23.7	-	-	16.2	14.5	3.2	Rochester, N.Y.	
94	83	-	15.9	-	5.2	9.7	7.2	10.7	Akron, Ohio.	
89	72	-	6.3	.2	-	13.4	6.0	3.0	St. Petersburg, Fla.	
156	141	71.0	9.9	3.3	2.1	7.9	3.3	-	Virginia Beach, Va.	
178	158	72.8	2.1	2.4	2.5	16.3	12.7	6.3	Jersey City, N.J.	
265	220	68.0	11.2	29.5	5.8	11.4	8.8	4.3	Richmond, Va.	
73	45	-	5.8	(2)	2.6	6.3	4.4	.2	Corpus Christi, Tex.	

Source: U.S. Bureau of the Census, *City Government Finances in 1977-78*, series GF78, No. 4.

# NO. 516. CITY GOVERNMENTS—PER CAPITA AMOUNTS FOR SELECTED FINANCIAL ITEMS FOR LARGEST CITIES: 1970 TO 1978

[Cities ranked by size of population estimated as of July 1, 1977, except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems where applicable. Inter-city comparisons should be made with caution due to variations in responsibilities among urban areas; for details, see text, p. 266, and source. 1970 data based on resident population enumerated as of April 1, 1970; 1975 and 1978 data based on resident population estimated as of July 1, 1976, and July 1, 1977, respectively]

CITIES RANKED BY POPULATION SIZE, 1977	Popula- tion, 1977 (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1978	1970	1975	1978	1970	1975	1978
New York, N.Y.	7,298	\$638	\$1,522	\$1,694	\$383	\$635	\$842	\$1,101	\$1,935	\$1,965
Chicago, Ill.	3,063	205	310	407	113	188	218	326	411	428
Los Angeles, Calif.	2,761	169	306	375	110	175	239	483	837	984
Philadelphia, Pa.	1,778	299	499	774	183	242	390	556	701	874
Houston, Tex.	1,555	112	224	267	82	137	175	365	495	590
Detroit, Mich.	1,289	234	449	690	148	208	261	438	550	531
Dallas, Tex.	845	159	301	318	106	176	223	348	587	575
Baltimore, Md.	804	639	1,045	1,272	222	303	387	649	644	613
San Diego, Calif.	800	137	233	302	63	100	134	176	188	175
San Antonio, Tex.	793	88	167	239	50	67	82	290	485	901
Honolulu, Hawaii <sup>1</sup>	718	204	322	393	134	178	209	367	304	384
Indianapolis, Ind.	715	127	325	460	67	121	157	205	368	403
Washington, D.C.	685	1,011	1,960	2,422	517	741	1,238	621	1,571	2,309
Phoenix, Ariz.	685	130	312	420	72	106	137	295	497	797
Memphis, Tenn.	668	294	483	579	75	110	139	588	829	1,098
San Francisco, Calif.	655	603	853	1,184	300	388	579	575	732	1,003
Milwaukee, Wis.	653	219	289	373	93	116	156	344	364	437
Boston, Mass.	618	554	1,088	1,295	349	532	696	465	846	968
Cleveland, Ohio	609	198	362	566	127	134	166	454	597	785
San Jose, Calif.	583	156	229	295	66	105	160	235	269	250
New Orleans, La.	561	182	344	473	102	145	187	387	456	662
Columbus, Ohio	532	192	261	378	58	116	143	451	549	639
Jacksonville, Fla. <sup>1</sup>	535	135	381	427	74	99	132	456	1,027	1,219
St. Louis, Mo.	518	225	382	591	162	251	332	254	304	293
Seattle, Wash.	489	209	390	472	75	155	202	537	943	1,056
Denver, Colo.	475	306	581	801	136	230	319	532	720	930
Kansas City, Mo.	459	245	396	541	111	210	307	570	695	670
Pittsburgh, Pa.	442	192	251	386	119	132	189	278	287	311
Nashville-Davidson, Tenn. <sup>1</sup>	429	360	606	835	171	290	357	718	940	1,288
Atlanta, Ga.	417	236	422	626	92	162	204	538	1,237	2,187
Cincinnati, Ohio	403	502	856	617	114	208	283	606	647	505
El Paso, Tex.	395	92	144	189	59	82	94	218	197	150
Buffalo, N.Y.	390	367	726	941	143	224	253	519	711	816
Portland, Oreg.	384	196	292	488	95	124	176	162	120	285
Oklahoma City, Okla.	372	232	364	520	122	164	224	251	438	474
Fort Worth, Tex.	368	123	212	325	72	116	149	296	492	532
Omaha, Neb.	366	116	359	370	65	119	150	145	310	317
Minneapolis, Minn.	360	178	407	521	92	144	212	183	424	854
Toledo, Ohio	358	171	291	382	77	104	139	193	305	429
Miami, Fla.	347	135	231	336	105	143	192	268	300	386
Long Beach, Calif.	337	260	412	596	81	142	209	82	357	253
Tulsa, Okla.	334	125	309	384	54	118	163	453	784	981
Oakland, Calif.	332	232	364	520	122	164	224	251	438	474
Newark, N.J.	324	451	854	1,079	281	314	406	317	422	520
Austin, Tex.	323	169	324	385	61	97	150	661	899	1,647
Louisville, Ky.	323	331	429	536	95	139	184	667	932	1,053
Baton Rouge, La.	308	146	264	519	87	148	201	413	833	940
Tucson, Ariz.	301	149	329	405	66	115	186	271	647	592
Charlotte, N.C.	296	158	318	390	78	133	154	336	546	560
Albuquerque, N. Mex.	291	181	287	400	85	64	111	399	371	431
Birmingham, Ala.	282	136	336	452	69	150	213	397	871	1,422
Norfolk, Va.	282	411	672	584	140	252	302	537	739	754
Wichita, Kans.	268	222	377	772	71	93	137	679	833	1,477
St. Paul, Minn.	266	214	345	586	83	127	155	449	718	1,305
Tampa, Fla.	265	139	313	490	91	114	155	341	438	559
Sacramento, Calif.	265	208	272	405	101	132	190	379	401	323
Rochester, N.Y.	256	531	688	1,095	169	292	489	425	964	1,165
Akron, Ohio	244	200	267	340	77	130	160	280	552	484
St. Petersburg, Fla.	237	120	224	302	86	85	110	235	233	877
Virginia Beach, Va.	236	284	566	599	123	223	281	321	405	619
Jersey City, N.J.	232	339	602	682	182	270	371	325	505	537
Richmond, Va.	223	530	897	984	210	393	507	787	1,303	1,395
Corpus Christi, Tex.	215	91	156	211	63	88	122	201	309	365

<sup>1</sup> Represents city and county consolidated government.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual, and unpublished data.

# NO. 517. ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF FOUR IN SELECTED LARGE CITIES, BY INCOME LEVEL: 1978

(Preliminary. 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	\$7,500 INCOME		\$15,000 INCOME		\$22,500 INCOME		\$30,000 INCOME		\$40,000 INCOME		\$50,000 INCOME	
	Total tax paid	Per-cent of income	Total tax paid	Per-cent of income	Total tax paid	Per-cent of income	Total tax paid	Per-cent of income	Total tax paid	Per-cent of income	Total tax paid	Per-cent of income
Atlanta.....	619	8.3	1,394	9.2	2,138	9.5	2,991	10.0	3,884	9.7	4,767	9.5
Baltimore.....	911	12.2	1,945	13.0	2,899	12.8	3,907	13.0	5,036	12.6	5,873	11.8
Boston.....	1,563	20.8	3,180	21.2	4,543	20.2	6,223	20.7	7,886	19.7	9,616	19.2
Chicago.....	890	9.2	1,288	8.6	1,832	8.1	2,382	7.9	3,071	7.7	3,509	7.0
Cleveland.....	610	8.1	1,152	7.7	1,727	7.7	2,357	7.9	3,081	7.7	3,655	7.3
Columbus.....	493	6.6	946	6.3	1,456	6.5	1,999	6.7	2,655	6.6	3,196	6.5
Dallas.....	465	6.5	1,074	7.2	1,546	6.9	2,177	7.3	3,093	7.7	3,954	7.9
Denver.....	496	6.6	1,085	7.2	1,719	7.6	2,370	7.9	3,022	7.6	3,655	7.3
Detroit.....	681	9.1	1,489	9.9	2,332	10.4	3,153	10.5	4,229	10.6	5,138	10.3
Honolulu.....	328	4.4	1,121	7.5	1,832	8.6	2,715	9.1	3,766	9.4	4,646	9.3
Houston.....	522	7.0	1,113	7.4	1,590	7.1	2,207	7.4	3,061	7.7	3,876	7.8
Indianapolis.....	787	10.5	1,452	9.7	2,052	9.1	2,706	9.0	3,423	8.6	4,150	8.3
Jacksonville.....	330	4.4	618	4.1	888	3.9	1,153	3.8	1,468	3.7	1,609	3.2
Kansas City, Mo.....	518	6.9	1,085	7.2	1,622	7.2	2,196	7.3	2,888	7.2	3,553	7.1
Los Angeles.....	330	4.4	689	4.6	1,257	5.6	1,957	6.5	3,009	7.5	4,161	8.3
Memphis.....	627	8.4	1,035	6.9	1,387	6.2	1,739	5.6	2,142	5.4	2,353	4.7
Milwaukee.....	778	10.4	1,909	12.7	2,913	12.9	4,086	13.6	5,473	13.7	6,857	13.3
Nashville.....	167	6.2	743	5.0	988	4.4	1,207	4.0	1,503	3.8	1,644	3.3
New Orleans.....	189	2.4	522	3.5	840	3.7	1,132	3.8	1,579	3.9	1,878	3.8
New York City.....	822	11.0	1,879	12.5	3,025	13.4	4,457	14.9	6,422	16.1	8,170	16.3
Philadelphia.....	1,218	16.3	2,236	14.9	3,185	14.2	4,147	13.8	5,208	13.0	6,023	12.0
Phoenix.....	632	8.4	1,227	8.2	1,849	8.2	2,589	8.6	3,373	8.4	4,122	8.2
Pittsburgh.....	1,095	14.6	1,990	13.3	2,805	12.5	3,662	12.2	4,591	11.5	5,280	10.6
San Antonio.....	442	5.9	946	6.3	1,355	6.0	1,882	6.3	2,650	6.6	3,346	6.7
San Diego.....	371	5.0	758	5.1	1,347	6.0	2,074	6.9	3,148	7.9	4,314	8.6
San Francisco.....	382	5.1	781	5.2	1,380	6.1	2,116	7.1	3,200	8.0	4,372	8.7
San Jose.....	314	4.2	651	4.3	1,201	5.3	1,875	6.3	2,910	7.3	4,048	8.1
Seattle.....	541	7.2	916	5.1	1,245	5.5	1,580	5.3	1,976	4.9	2,320	4.6
St. Louis.....	682	9.1	1,362	9.2	2,026	9.0	2,727	9.1	3,530	8.8	4,223	8.4
Washington, D.C.....	621	8.3	1,421	9.5	2,334	10.4	3,318	11.1	4,636	11.6	5,662	11.3
30-city average..	618	8.3	1,267	8.5	1,914	8.5	2,636	8.8	3,530	8.9	4,328	8.7

## NO. 518. RESIDENTIAL PROPERTY TAX RATES IN SELECTED LARGE CITIES: 1978

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		
Boston.....	1	7.46	29.5	25.29	Chicago.....	16	1.82	20.1	9.04
Indianapolis.....	2	4.28	33.3	12.84	Phoenix.....	17	1.68	12.8	12.19
Pittsburgh.....	3	3.72	44.6	8.34	Washington, D.C.....	18	1.66	98.1	1.69
Detroit.....	4	3.66	46.7	7.51	Jacksonville.....	19	1.57	87.3	1.80
Milwaukee.....	5	3.47	75.5	4.59	Seattle.....	20	1.53	89.2	1.71
Philadelphia.....	6	3.09	50.0	6.18	Columbus, Ohio.....	21	1.31	35.0	4.17
Baltimore.....	7	2.65	43.0	6.17	Kansas City, Mo.....	22	1.25	16.3	7.88
Dallas.....	8	2.47	(*)	4.86	Los Angeles.....	23	1.25	(*)	1.25
Atlanta.....	9	2.38	40.0	5.98	San Francisco.....	24	1.21	*23.9	5.06
Houston.....	10	2.16	(*)	5.51	Nashville.....	25	1.13	18.8	8.00
Cleveland.....	11	2.14	35.0	6.18	San Jose.....	26	1.12	*21.9	5.10
St. Louis.....	12	2.14	33.3	5.43	San Diego.....	27	1.11	*24.6	4.52
San Antonio.....	13	1.95	(*)	5.43	Denver.....	28	.91	11.1	8.24
Memphis.....	14	1.94	25.0	7.74	New Orleans.....	29	.84	10.0	6.44
New York City.....	15	1.84	21.0	8.75	Honolulu.....	30	.82	54.0	1.52

\*Assessment levels: city 75%; State and county 35%; school district 49.27%. \*Assessment levels: city 53%; State, county, hospital, and junior college districts 32%; school districts 37.02%. \*Assessment levels: city 45%; State, county, and road districts 20%; hospital districts 42%; school districts 36.27%. \*Data for California cities reflect impact of proposition 13. Assessment levels for all cities refer to 1977. Los Angeles data based on 100% assessment level in 1977.

Source of tables 517 and 518: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in the Nation's Thirty Largest Cities, 1978*.



## NO. 519. GOVERNMENTAL EMPLOYMENT AND PAYROLL: 1950 TO 1979

[For October, 1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See table 721 for related data. See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307]

LEVEL OF GOVERNMENT	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>EMPLOYEES (1,000)</b>											
<b>Total</b>	<b>6,402</b>	<b>7,432</b>	<b>8,808</b>	<b>10,589</b>	<b>13,028</b>	<b>14,628</b>	<b>14,973</b>	<b>15,012</b>	<b>15,613</b>	<b>15,628</b>	<b>15,971</b>
Federal (civilian)	2,117	2,378	2,421	2,588	2,881	2,874	2,890	2,843	2,848	2,885	2,869
State and local	4,285	5,054	6,387	8,001	10,147	11,754	12,084	12,169	12,765	12,743	13,102
Percent of total	66.9	68.0	72.5	75.6	77.9	80.4	80.7	81.1	81.8	81.5	82.0
State	1,057	1,250	1,527	2,028	2,755	3,155	3,271	3,343	3,491	3,539	3,699
Local	3,228	3,804	4,860	5,973	7,392	8,599	8,813	8,826	9,274	9,204	9,403
<b>PAYROLL, OCTOBER (mil. dol.)</b>											
<b>Total</b>	<b>1,528</b>	<b>2,265</b>	<b>3,333</b>	<b>4,884</b>	<b>8,334</b>	<b>12,086</b>	<b>13,224</b>	<b>13,924</b>	<b>15,338</b>	<b>16,483</b>	<b>18,077</b>
Federal (civilian)	613	846	1,118	1,484	2,428	3,294	3,584	3,565	3,918	4,344	4,728
State and local	915	1,419	2,215	3,400	5,906	8,792	9,640	10,359	11,420	12,139	13,349
Percent of total	59.9	62.6	66.5	69.6	70.9	72.7	72.9	74.4	74.5	73.7	73.8
State	218	340	524	849	1,612	2,410	2,653	2,894	3,195	3,483	3,869
Local	696	1,078	1,691	2,551	4,294	6,382	6,987	7,465	8,225	8,656	9,480
<b>AVERAGE ANNUAL PERCENT CHANGE<sup>1</sup></b>											
<b>Employees, total</b>	<b>-.5</b>	<b>3.0</b>	<b>3.5</b>	<b>3.8</b>	<b>4.2</b>	<b>2.9</b>	<b>2.4</b>	<b>.3</b>	<b>4.0</b>	<b>.1</b>	<b>2.2</b>
Federal	-8.9	2.4	.4	1.3	2.2	-1	.6	-1.6	.2	1.3	-5
State and local	6.1	3.4	4.8	4.6	4.9	3.7	2.9	.7	4.9	-2	2.8
<b>Payroll, total</b>	<b>6.6</b>	<b>8.2</b>	<b>8.0</b>	<b>7.9</b>	<b>11.3</b>	<b>9.7</b>	<b>9.6</b>	<b>5.3</b>	<b>10.2</b>	<b>7.5</b>	<b>9.7</b>
Federal	-9	6.7	5.7	5.8	10.3	7.9	8.8	-5	9.9	10.9	8.7
State and local	14.3	9.2	9.3	8.9	11.7	10.5	9.9	7.6	10.2	6.3	10.0

<sup>1</sup> Represents average for period of interval shown; for 1950, change from 1945. For explanation, see Guide to Tabular Presentation. Minus sign (-) denotes decrease.

## NO. 520. GOVERNMENTAL EMPLOYMENT AND PAYROLL, BY LEVEL OF GOVERNMENT AND BY FUNCTION: 1978 AND 1979

[For October. Covers both full-time and part-time employees]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLL (mil. dol.)				
	Total	Federal (civilian) <sup>1</sup>	State and local			Total	Federal (civilian) <sup>1</sup>	State and local		
			Total	State	Local			Total	State	Local
<b>1978, total</b>	<b>15,628</b>	<b>2,885</b>	<b>12,743</b>	<b>3,539</b>	<b>9,204</b>	<b>16,483</b>	<b>4,344</b>	<b>12,139</b>	<b>3,483</b>	<b>8,656</b>
National defense <sup>2</sup>	987	987	(x)	(x)	(x)	1,464	1,464	(x)	(x)	(x)
Postal service	650	650	(x)	(x)	(x)	957	957	(x)	(x)	(x)
Education	6,585	24	6,559	1,508	5,051	6,216	30	6,186	1,333	4,853
Teachers	3,675	(x)	3,675	444	3,231	4,388	(x)	4,388	626	3,762
Highways	588	5	583	263	320	590	10	580	298	282
Health and hospitals	1,579	260	1,319	658	661	1,545	359	1,186	625	561
Public welfare	383	(x)	383	172	211	350	(x)	350	174	175
Police protection	689	58	631	72	559	821	99	722	96	626
Fire protection	287	(x)	287	(x)	287	298	(x)	298	(x)	298
Sanitation and sewerage	222	(x)	222	(x)	222	217	(x)	217	(x)	217
Parks and recreation	221	(x)	221	(x)	221	153	(x)	153	(x)	153
Natural resources	514	297	217	183	34	672	462	210	182	28
Financial administration	424	108	316	124	192	451	158	293	135	159
All other	2,501	496	2,005	559	1,446	2,749	805	1,944	640	1,304
<b>1979, total</b>	<b>15,971</b>	<b>2,869</b>	<b>13,102</b>	<b>3,699</b>	<b>9,403</b>	<b>18,077</b>	<b>4,728</b>	<b>13,349</b>	<b>3,869</b>	<b>9,480</b>
National defense <sup>2</sup>	959	959	(x)	(x)	(x)	1,563	1,563	(x)	(x)	(x)
Postal service	657	657	(x)	(x)	(x)	1,103	1,103	(x)	(x)	(x)
Education	6,756	24	6,732	1,577	5,155	6,791	34	6,757	1,451	5,306
Teachers	3,762	(x)	3,762	460	3,303	4,778	(x)	4,778	671	4,107
Highways	570	5	566	260	305	622	10	612	314	298
Health and hospitals	1,625	259	1,366	680	686	1,713	391	1,322	692	630
Public welfare	388	(x)	388	175	213	390	(x)	380	190	190
Police protection	711	57	654	74	580	923	109	814	106	708
Fire protection	309	(x)	309	(x)	309	332	(x)	332	(x)	332
Sanitation and sewerage	132	(x)	132	(x)	132	121	(x)	121	(x)	121
Parks and recreation	226	(x)	226	(x)	226	165	(x)	165	(x)	165
Natural resources	509	285	224	188	36	683	451	232	200	32
Financial administration	426	108	318	125	193	477	160	317	146	172
All other	2,703	516	2,187	620	1,567	3,205	909	2,296	769	1,526

X Not applicable. <sup>1</sup> Includes employees outside United States. <sup>2</sup> Includes international relations.

Source of tables 519 and 520: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

**No. 521. STATE AND LOCAL GOVERNMENT EMPLOYMENT, PAYROLL, AND MONTHLY EARNINGS, BY  
LEVEL OF GOVERNMENT: 1960 TO 1979**

[See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

LEVEL OF GOVERNMENT AND FUNCTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
EMPLOYEES, OCTOBER (1,000)										
Total .....	6,387	8,001	10,147	11,353	11,754	12,084	12,169	12,765	12,743	13,102
Full-time .....	5,320	6,595	8,024	8,838	9,177	9,397	9,514	9,861	9,946	10,193
Part-time .....	1,067	1,406	2,123	2,515	2,577	2,687	2,655	2,903	2,797	2,909
FULL-TIME EQUIVALENT										
State and local .....	5,570	6,937	8,528	9,578	9,852	10,098	10,206	10,591	10,724	10,944
Education .....	2,525	3,337	4,258	4,751	4,901	4,952	5,003	5,134	5,202	5,291
Health and hospitals .....	654	789	950	1,088	1,115	1,133	1,149	1,239	1,256	1,279
Police protection .....	304	349	450	516	532	544	546	567	566	589
Public welfare .....	114	170	250	301	316	339	342	356	363	366
Other .....	1,973	2,292	2,621	2,922	2,887	3,130	3,167	3,296	3,337	3,419
State, total <sup>1</sup> .....	1,411	1,751	2,302	2,547	2,653	2,744	2,799	2,903	2,966	3,072
Education .....	390	508	603	687	929	952	973	1,005	1,018	1,046
Health and hospitals .....	331	392	482	534	553	570	589	614	635	653
Highways .....	240	284	297	284	277	271	259	258	260	257
Local, total <sup>1</sup> .....	4,159	5,186	6,226	7,031	7,198	7,354	7,407	7,688	7,758	7,871
Education .....	2,136	2,829	3,455	3,863	3,973	4,000	4,030	4,129	4,187	4,245
Health and hospitals .....	324	397	469	555	562	562	559	625	621	626
Police protection .....	272	308	394	450	463	476	477	497	495	515
Highways .....	259	266	271	282	284	298	292	290	295	285
Counties <sup>1</sup> .....	672	893	1,098	1,318	1,343	1,408	1,448	1,582	1,606	1,621
Education .....	(NA)	(NA)	228	285	282	279	294	319	331	341
Health and hospitals .....	(NA)	(NA)	227	266	277	281	282	325	327	323
Public welfare .....	(NA)	(NA)	111	130	128	139	142	149	150	153
Municipalities <sup>1</sup> .....	1,447	1,638	1,922	2,109	2,127	2,142	2,107	2,168	2,163	2,190
Education .....	(NA)	(NA)	359	402	405	376	360	358	361	366
Health and hospitals .....	(NA)	(NA)	158	173	169	165	158	172	170	165
Police protection .....	(NA)	(NA)	299	337	344	349	347	356	355	366
Fire protection .....	(NA)	(NA)	169	184	183	184	183	182	182	203
School districts .....	1,727	2,287	2,786	3,074	3,183	3,243	3,272	3,351	3,393	3,435
Townships .....	302	177	192	232	233	237	245	241	245	250
Special districts .....	191	228	296	296	312	324	335	346	351	374
PAYROLL, OCTOBER (mil. dol.)										
Total .....	2,215	3,400	5,906	8,015	8,792	9,640	10,359	11,420	12,139	13,349
Full-time .....	(NA)	3,251	5,598	7,498	8,244	9,018	9,709	10,672	11,335	12,506
Part-time .....	(NA)	150	309	517	546	622	650	748	804	843
Education .....	1,095	1,778	3,170	4,185	4,580	4,960	5,310	5,845	6,186	6,757
Health and hospitals .....	198	292	529	758	832	907	981	1,113	1,186	1,322
Police protection .....	129	184	339	480	531	585	628	699	722	814
Public welfare .....	39	72	150	210	240	272	298	329	350	380
Other .....	755	1,075	1,719	2,383	2,609	2,916	3,141	3,433	3,695	4,076
State, total <sup>1</sup> .....	545	849	1,612	2,158	2,410	2,653	2,894	3,195	3,483	3,869
Education .....	172	290	630	822	933	1,022	1,112	1,234	1,333	1,451
Health and hospitals .....	104	150	283	391	432	472	517	577	625	692
Highways .....	90	129	193	232	238	251	256	269	298	314
Local, total <sup>1</sup> .....	1,670	2,551	4,294	5,857	6,382	6,987	7,474	8,225	8,656	9,480
Education .....	923	1,488	2,539	3,363	3,647	3,939	4,208	4,611	4,853	5,306
Health and hospitals .....	93	141	246	367	400	437	464	536	561	630
Police protection .....	116	163	296	416	461	510	546	611	626	708
Highways .....	88	110	149	200	212	238	249	261	282	298
Counties <sup>1</sup> .....	229	377	639	952	1,057	1,183	1,295	1,489	1,564	1,726
Education .....	(NA)	89	149	233	241	252	285	332	357	391
Health and hospitals .....	(NA)	66	117	174	199	217	233	278	289	320
Public welfare .....	(NA)	30	61	85	92	106	114	128	131	147
Municipalities <sup>1</sup> .....	583	818	1,361	1,655	1,985	2,129	2,235	2,412	2,534	2,729
Education .....	(NA)	170	299	415	425	425	431	456	478	514
Health and hospitals .....	(NA)	56	90	127	132	143	145	160	170	178
Police protection .....	(NA)	130	231	323	349	384	407	453	465	515
Fire protection .....	(NA)	84	137	184	196	217	226	243	252	281
School districts .....	735	1,189	2,032	2,623	2,882	3,160	3,380	3,707	3,897	4,272
Townships .....	118	80	122	192	200	215	237	250	269	291
Special districts .....	87	140	234	258	300	326	367	392	463	
AVERAGE OCTOBER EARNINGS (dol.)										
Full-time employees:										
State and local .....	399	493	697	847	899	961	1,020	1,082	1,139	1,227
Education .....	437	538	756	904	949	1,013	1,073	1,146	1,201	1,285
Other .....	368	452	642	796	853	912	972	1,021	1,085	1,175

NA Not available. <sup>1</sup> Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

**NO. 522. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1978**

[As of June 30. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975 and 1976, 47 in 1977, and 45 in 1978) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonselected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation]

SEX AND RACE/ETHNIC GROUP	EMPLOYED							MEDIAN ANNUAL SALARY (\$1,000)				
	Number (1,000)					Percent distribution		1973	1975	1976	1977	1978
	1973	1975	1976	1977	1978	1973	1978					
<b>Total</b> .....	<b>3,809</b>	<b>3,899</b>	<b>4,369</b>	<b>4,415</b>	<b>4,447</b>	<b>100.0</b>	<b>100.0</b>	<b>8.6</b>	<b>9.8</b>	<b>10.4</b>	<b>10.9</b>	<b>11.7</b>
Male .....	2,486	2,436	2,724	2,737	2,711	65.3	61.0	9.6	11.3	11.8	12.4	13.3
Female .....	1,322	1,464	1,645	1,678	1,736	34.7	39.0	7.0	8.2	8.6	9.1	9.7
White .....	3,115	3,102	3,490	3,480	3,481	81.8	78.3	8.8	10.2	10.7	11.3	12.0
Minority group, total <sup>1</sup> .....	693	797	880	935	966	18.2	21.7	7.5	8.8	9.2	9.7	10.4
Black .....	523	602	664	705	723	13.7	16.3	7.4	8.6	9.1	9.5	10.1
Hispanic <sup>2</sup> .....	125	147	165	175	181	3.3	4.1	7.4	8.9	9.4	9.9	10.7

<sup>1</sup>Includes other minority groups, not shown separately.

<sup>2</sup>Prior to 1976, this ethnic group was classified as "Spanish-urnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, annual.

**NO. 523. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY OCCUPATION, SEX, AND RACE/ETHNIC GROUP: 1978**

[As of June 30. See headnote, table 522]

SEX AND RACE/ETHNIC GROUP	Total	Officials/ admin- istrators	Profes- sionals	Techni- cians	Protect- ive service	Para- profes- sionals	Office/ clerical	Skilled craft	Service/ mainte- nance
NUMBER EMPLOYED (1,000)									
<b>Total</b> .....	<b>4,447</b>	<b>225</b>	<b>828</b>	<b>431</b>	<b>592</b>	<b>361</b>	<b>843</b>	<b>369</b>	<b>778</b>
Male .....	2,711	177	477	282	560	118	110	355	633
Female .....	1,736	48	351	149	32	263	733	14	145
White .....	3,481	204	708	360	510	251	662	305	480
Minority group, total <sup>1</sup> .....	966	21	120	71	82	130	181	64	298
Black .....	723	14	76	51	61	110	129	43	240
Hispanic .....	181	4	21	13	18	16	39	17	51
PERCENT DISTRIBUTION									
<b>Total</b> .....	<b>100.0</b>	<b>5.1</b>	<b>18.6</b>	<b>9.7</b>	<b>13.3</b>	<b>8.6</b>	<b>19.0</b>	<b>8.3</b>	<b>17.5</b>
Male .....	100.0	6.5	17.6	10.4	20.7	4.4	4.1	13.1	23.3
Female .....	100.0	2.8	20.2	8.6	1.8	15.1	42.2	.8	8.4
White .....	100.0	5.9	20.3	10.3	14.7	7.2	19.0	8.8	13.8
Minority group, total <sup>1</sup> .....	100.0	2.2	12.4	7.3	8.5	13.5	18.7	6.6	30.8
Black .....	100.0	1.9	10.5	7.1	8.4	15.2	17.8	5.9	33.2
Hispanic .....	100.0	2.2	11.6	7.2	9.9	8.8	21.5	9.4	28.2
MEDIAN ANNUAL SALARY (\$1,000)									
<b>Total</b> .....	<b>11.7</b>	<b>18.9</b>	<b>15.1</b>	<b>12.3</b>	<b>14.4</b>	<b>8.8</b>	<b>9.2</b>	<b>12.4</b>	<b>9.7</b>
Male .....	13.3	20.0	17.1	13.8	14.5	9.7	10.4	12.5	10.3
Female .....	9.7	15.0	13.5	10.0	11.1	8.5	9.0	8.1	7.9
White .....	12.0	18.9	15.2	12.5	14.4	8.9	9.2	12.4	9.9
Minority group, total <sup>1</sup> .....	10.4	18.2	14.6	11.1	13.7	8.7	9.2	12.0	9.4
Black .....	10.1	17.7	14.0	10.7	13.5	8.7	9.2	11.8	9.3
Hispanic .....	10.7	17.9	14.8	11.8	14.3	8.9	9.0	12.2	9.6

<sup>1</sup>Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, 1978.

NO. 524. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT) AND PAYROLL,  
BY SELECTED FUNCTION FOR THE U.S., 1970 TO 1979, AND BY STATES, 1979

[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				
1970.....	4,257.5	3,350.8	950.9	568.2	639.5	249.6	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975.....	4,951.8	3,822.9	1,134.2	569.6	758.7	339.4	4,960.3	3,727.8	909.0	488.9	835.4	272.3
1976.....	5,002.7	3,861.6	1,148.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977.....	5,133.9	3,950.5	1,238.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978.....	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	580.4	1,020.1	349.5
1979.....	5,291.3	4,064.9	1,278.7	542.2	826.3	366.0	6,757.0	5,035.0	1,322.0	612.0	1,145.9	379.9
Ala.....	90.7	65.5	30.7	12.2	12.1	4.6	96.5	62.0	26.5	10.8	13.4	4.5
Alaska.....	13.5	10.1	1.4	1.8	1.5	.6	26.7	20.2	2.4	3.1	3.7	.8
Ariz.....	72.7	50.6	9.8	5.9	9.7	2.8	96.3	64.1	10.4	7.3	14.5	3.2
Ark.....	53.9	40.7	13.3	8.0	5.9	2.5	53.1	37.1	10.4	7.1	6.5	2.1
Calif.....	502.2	368.8	120.5	34.2	89.8	37.5	799.9	574.9	149.5	52.0	162.8	45.9
Colo.....	75.9	55.3	15.3	7.5	10.4	4.0	97.1	66.4	17.7	9.7	14.5	4.5
Conn.....	70.9	59.1	12.5	6.6	12.2	2.9	91.6	74.4	13.4	7.4	16.7	3.0
Del.....	14.5	10.4	2.8	1.6	1.9	1.2	19.0	13.2	2.5	1.9	2.6	1.1
D.C.....	13.4	11.6	6.3	1.1	6.2	2.4	21.4	18.1	10.3	1.8	13.0	3.9
Fla.....	195.3	155.2	60.5	17.5	36.4	9.0	229.2	171.8	58.6	17.7	47.4	8.2
Ga.....	134.2	107.2	61.6	14.6	19.1	6.8	128.9	98.4	53.1	13.2	20.3	6.3
Hawaii.....	20.3	14.5	4.9	1.9	3.8	.8	27.8	19.1	5.1	2.2	5.4	.8
Idaho.....	23.6	17.2	4.3	2.7	2.6	1.0	25.0	17.4	4.3	3.1	3.0	1.2
Ill.....	250.9	193.4	44.2	20.3	48.8	15.2	353.9	270.7	50.6	27.4	72.9	16.1
Ind.....	135.0	99.2	29.4	11.9	16.4	6.9	160.3	113.5	27.6	10.8	18.6	5.9
Iowa.....	78.8	57.7	15.6	9.5	7.6	5.4	96.7	65.8	15.5	11.5	9.3	5.2
Kans.....	66.8	48.0	13.4	8.7	7.8	3.5	73.3	48.8	12.5	8.5	8.4	4.1
Ky.....	82.8	61.0	16.1	11.0	9.8	6.4	90.7	64.1	13.3	10.4	10.7	6.2
La.....	103.7	82.3	33.8	13.7	14.0	4.8	110.1	83.8	30.6	13.6	13.8	3.1
Maine.....	30.9	22.9	3.1	4.7	3.4	1.0	30.9	22.2	3.2	4.8	3.5	.9
Md.....	113.4	83.2	24.3	10.1	21.3	6.0	151.9	114.1	25.8	11.3	25.3	6.6
Mass.....	132.4	115.3	33.6	12.7	30.8	8.4	174.9	151.9	32.9	14.1	44.4	8.2
Mich.....	232.2	173.9	49.9	16.0	41.7	17.3	353.0	261.4	64.4	22.9	64.7	23.2
Minn.....	103.9	79.8	23.3	11.7	9.8	8.8	136.5	99.1	25.1	16.2	15.2	9.8
Miss.....	64.1	46.2	20.3	9.2	6.9	3.1	58.5	39.5	15.6	6.9	6.7	2.5
Mo.....	110.9	89.1	33.6	11.9	18.7	5.6	118.0	89.8	31.6	12.4	22.5	5.5
Mont.....	22.4	17.0	3.2	3.5	2.4	1.6	26.4	19.4	3.1	4.3	2.8	1.4
Nebr.....	45.5	31.6	8.6	5.6	4.5	3.1	47.9	32.9	7.1	5.6	5.7	2.7
Nev.....	17.1	13.3	4.8	2.0	4.1	.8	21.5	15.8	5.6	2.7	6.0	1.2
N.H.....	19.9	15.3	3.0	3.4	3.2	3.1	20.9	15.6	2.7	4.9	3.5	2.4
N.J.....	173.5	146.3	34.4	19.1	36.4	13.7	249.6	209.2	36.7	22.6	50.1	14.1
N.Mex.....	38.4	27.4	6.3	4.1	4.6	1.9	42.5	29.3	5.8	4.4	5.3	1.8
N.Y.....	352.1	291.9	149.4	45.4	79.7	48.9	554.6	467.3	167.8	50.6	122.8	48.3
N.C.....	153.3	114.9	36.9	15.6	17.6	8.3	164.8	115.7	35.7	14.4	18.9	7.4
N.Dak.....	18.1	12.7	2.3	2.4	1.5	1.2	23.0	15.9	2.1	2.7	1.8	1.1
Ohio.....	235.0	185.2	49.3	21.5	34.1	18.7	292.0	224.2	52.0	24.8	45.6	17.8
Okl.....	78.2	57.5	18.0	8.5	10.0	6.6	81.6	56.5	15.4	7.5	11.0	6.4
Oreg.....	68.1	49.5	11.0	7.0	9.0	4.4	87.9	60.9	12.3	9.3	13.7	5.0
Pa.....	217.9	188.1	39.5	29.1	36.7	30.0	290.3	245.3	45.2	33.0	52.9	30.7
R.I.....	20.5	15.2	5.7	2.1	4.6	1.8	28.9	22.1	6.8	2.2	6.2	2.1
S.C.....	86.3	62.1	25.1	7.0	8.6	5.0	87.4	56.3	23.7	5.3	8.6	4.7
S.Dak.....	18.7	14.3	2.3	2.8	1.8	.8	19.0	13.4	2.0	3.0	2.0	.8
Tenn.....	94.6	73.0	32.4	12.7	17.9	6.9	102.2	76.5	27.8	10.4	19.3	5.8
Tex.....	369.2	287.2	74.8	29.6	44.5	14.7	405.3	298.7	69.0	33.0	56.6	15.7
Utah.....	38.3	25.5	4.4	3.1	4.2	1.5	42.9	27.6	4.4	4.2	5.4	1.9
Vt.....	13.7	10.1	1.6	1.9	1.3	.7	14.1	9.9	1.5	1.9	1.5	.7
Va.....	146.0	110.9	27.0	15.5	16.5	6.4	163.3	113.3	26.3	15.2	19.7	6.3
Wash.....	96.3	68.0	16.0	10.4	12.6	5.2	139.5	93.3	18.4	16.3	19.7	6.3
W. Va.....	50.8	39.8	12.2	8.9	4.3	3.4	56.9	43.2	10.1	7.7	4.5	3.0
Wis.....	117.2	79.7	22.2	11.9	15.7	8.4	158.0	102.9	24.2	14.9	21.5	8.9
Wyo.....	13.7	10.1	3.6	2.3	1.7	.5	15.6	10.3	3.5	2.9	2.1	.6

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment, and Public Employment*, series GE, No. 1, annual.

## No. 525. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL—STATES: 1970 TO 1979

[For October]

STATE	ALL EMPLOYEES (1,000)						OCTOBER PAYROLL <sup>2</sup> (mil. dol.)					
	State			Local <sup>1</sup>			State			Local <sup>1</sup>		
	1970	1975	1979	1970	1975	1979	1970	1975	1979	1970	1975	1979
U.S.....	2,755	3,268	3,699	7,392	8,828	9,403	1,612	2,653	3,069	4,294	6,987	9,480
Ala.....	49	62	72	107	125	146	24	46	72	46	77	119
Alaska.....	10	14	18	8	14	17	9	20	30	7	19	30
Ariz.....	28	39	43	64	98	116	16	32	48	40	81	127
Ark.....	29	36	42	57	70	81	13	25	38	21	37	58
Calif.....	239	273	308	837	1,036	1,099	170	265	389	614	1,001	1,295
Colo.....	44	54	58	87	116	128	25	45	60	44	85	125
Conn.....	43	46	50	85	107	110	30	37	53	57	91	115
Del.....	13	16	16	16	19	17	7	11	17	10	15	19
D.C.....	(x)	(x)	(x)	54	54	52	(x)	(x)	(x)	37	65	85
Fla.....	79	105	119	250	349	383	43	86	123	143	266	371
Ga.....	61	82	92	162	209	240	32	59	85	74	131	195
Hawaii.....	33	39	44	10	13	15	22	35	44	8	11	15
Idaho.....	14	19	19	28	34	41	7	14	18	11	19	30
Ill.....	132	141	147	403	473	479	78	126	157	258	414	523
Ind.....	70	78	90	176	212	214	36	52	88	90	137	185
Iowa.....	42	47	54	114	128	130	23	40	59	53	85	110
Kans.....	41	46	52	94	103	113	20	32	48	41	62	85
Ky.....	46	64	74	90	104	112	23	45	70	42	64	95
La.....	65	78	93	119	144	154	32	52	87	56	91	132
Maine.....	17	18	30	33	40	44	9	13	22	14	23	32
Md.....	50	73	83	124	154	177	33	65	94	83	141	198
Mass.....	67	75	86	194	239	251	44	62	87	118	199	271
Mich.....	121	143	158	330	376	399	74	124	185	217	332	477
Minn.....	56	65	72	155	181	193	34	55	78	86	137	182
Miss.....	34	39	44	77	91	103	15	25	37	27	48	74
Mo.....	64	72	75	153	176	194	32	54	73	79	122	166
Mont.....	17	19	22	25	32	35	8	14	19	12	21	30
Nebr.....	28	30	33	65	77	82	13	21	29	30	48	68
Nev.....	8	12	14	22	26	32	5	10	17	13	22	35
N.H.....	12	16	18	26	32	37	7	11	17	10	17	26
N.J.....	65	76	96	243	307	328	44	71	107	156	270	363
N.Mex.....	23	30	39	36	44	48	12	22	35	17	29	44
N.Y.....	201	202	230	879	895	863	144	196	282	610	884	1,008
N.C.....	71	92	103	145	188	232	39	68	102	73	123	199
N. Dak.....	14	15	17	29	37	33	6	10	15	10	14	24
Ohio.....	107	119	147	372	426	434	61	91	139	195	309	417
Okla.....	49	55	64	82	103	113	22	37	57	37	59	94
Oreg.....	43	50	55	79	104	112	24	40	57	43	79	115
Pa.....	132	152	149	349	405	415	79	132	167	203	325	426
R.I.....	17	21	26	25	27	28	10	17	25	15	24	33
S.C.....	38	58	72	84	102	114	19	40	71	34	56	87
S.Dak.....	13	16	16	32	33	32	6	10	14	11	15	20
Tenn.....	55	63	75	124	159	177	26	42	66	58	104	153
Tex.....	133	172	198	381	493	557	71	138	199	194	346	522
Utah.....	23	29	31	39	46	53	12	20	31	18	28	45
Vt.....	11	12	12	14	19	18	6	9	12	6	10	13
Va.....	74	97	114	137	185	198	42	74	112	73	133	180
Wash.....	66	82	91	126	141	152	42	67	101	78	120	181
W. Va.....	35	43	46	50	55	64	16	27	39	22	36	59
Wis.....	64	75	80	184	210	217	41	60	81	94	148	202
Wyo.....	8	9	11	16	19	23	4	7	11	7	13	20

X Not applicable. <sup>1</sup> Subject to sampling variation. <sup>2</sup> For all employees.Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

**NO. 526. FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS—STATES:  
1970 TO 1979**

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION					
	State			Local			State			Local		
	1970	1975	1979	1970	1975	1979	1970	1975	1979	1970	1975	1979
<b>U.S.</b>	<b>2,302</b>	<b>2,744</b>	<b>3,072</b>	<b>6,226</b>	<b>7,354</b>	<b>7,871</b>	<b>113</b>	<b>129</b>	<b>140</b>	<b>306</b>	<b>345</b>	<b>358</b>
Alabama	42	52	60	94	110	132	122	145	160	272	305	349
Alaska	8	13	17	7	12	15	280	379	409	234	343	366
Arizona	22	32	37	55	82	97	124	143	151	312	367	397
Arkansas	24	32	36	49	58	68	127	150	164	254	274	312
California	195	218	248	697	833	860	98	103	109	349	393	379
Colorado	36	41	41	71	95	105	151	162	148	322	376	380
Connecticut	38	40	43	74	89	94	126	128	137	245	289	302
Delaware	12	14	14	14	17	16	217	244	249	254	288	270
District of Columbia	(x)	(x)	(x)	49	52	49	(x)	(x)	(x)	643	726	748
Florida	72	94	104	223	311	337	106	113	117	329	372	381
Georgia	53	72	82	145	185	217	115	147	160	317	376	424
Hawaii	28	31	35	10	12	12	365	355	385	131	134	135
Idaho	11	15	15	22	27	30	151	182	163	304	326	329
Illinois	106	120	119	334	377	387	96	107	106	300	338	344
Indiana	54	58	70	145	173	181	103	110	131	280	325	335
Iowa	34	38	45	88	100	100	122	134	154	311	349	344
Kansas	31	36	40	75	80	87	139	157	168	332	354	366
Kentucky	39	56	64	76	87	96	121	164	183	235	269	272
Louisiana	53	66	80	107	130	142	146	174	200	293	343	352
Maine	16	17	21	25	31	34	157	157	188	255	289	306
Maryland	47	68	78	114	137	156	119	165	189	292	331	375
Massachusetts	60	68	75	188	199	212	105	116	131	298	341	367
Michigan	91	110	123	267	299	325	103	120	133	301	350	353
Minnesota	43	50	55	119	138	146	113	128	134	312	353	360
Mississippi	28	33	39	65	77	89	127	140	162	295	328	366
Missouri	53	62	64	130	149	164	114	131	131	278	312	337
Montana	13	15	16	21	26	28	183	204	205	296	352	358
Nebraska	23	26	28	51	61	64	154	170	177	344	393	408
Nevada	7	10	12	19	23	29	134	162	166	385	393	410
New Hampshire	10	13	14	17	23	27	133	153	158	228	279	299
New Jersey	58	70	82	210	262	282	81	95	112	293	363	385
New Mexico	19	26	31	31	39	43	186	224	250	300	340	345
New York	185	188	216	749	766	736	102	104	122	412	423	417
North Carolina	62	80	88	127	161	203	122	147	158	250	296	363
North Dakota	10	11	12	18	19	20	165	168	188	285	299	312
Ohio	85	95	113	304	346	356	80	88	105	286	321	332
Oklahoma	37	45	53	70	85	99	145	166	184	274	314	343
Oregon	32	39	43	64	83	91	155	169	168	308	353	358
Pennsylvania	118	134	128	296	340	344	100	113	109	251	288	293
Rhode Island	14	18	20	22	24	25	149	194	216	230	262	270
South Carolina	34	51	63	69	82	99	130	162	216	267	291	337
South Dakota	10	12	12	22	21	22	153	169	174	330	312	323
Tennessee	49	55	64	114	144	156	124	131	148	290	343	356
Texas	112	148	168	342	435	499	100	121	125	306	355	373
Utah	17	25	25	31	35	41	158	207	164	291	290	298
Vermont	9	10	11	10	13	14	203	214	218	221	272	274
Virginia	64	80	95	120	162	174	137	162	183	259	325	336
Washington	55	62	68	105	116	130	160	174	174	308	328	330
West Virginia	30	36	38	42	50	58	174	201	204	238	277	311
Wisconsin	46	53	57	137	161	164	105	115	122	309	348	347
Wyoming	7	8	8	13	16	19	204	208	188	398	420	432

X Not applicable.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

## No. 527. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS: 1950 TO 1979

[For October, 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 <sup>2</sup>		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES	
	Total	Excl. education	Total <sup>1</sup>	Excl. education <sup>1</sup>	All employees	Monthly payroll	Total <sup>1</sup>	Edu-cation	Other	Edu-cation	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
1970.....	2,244	1,815	1,361	1,062	3.6	10.7	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	1,767	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.....	2,511	2,084	2,415	1,959	2.8	8.0	2,170	358	1,812	1,280	1,087
1978.....	2,511	2,086	2,537	2,059	(z)	5.1	2,165	361	1,804	1,341	1,148
1979.....	2,551	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231

NA Not available. Z Less than .05 percent. <sup>1</sup>Includes only those school systems operated as part of the general city government. <sup>2</sup>Represents average for period of intervals shown; for 1950, change from 1946. For explanation of average annual percent change, see Guide to Tabular Presentation.

## No. 528. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS—ALL CITIES AND CITIES WITH 50,000 POPULATION OR MORE: 1975 TO 1979

[As of October]

TYPE OF EMPLOYMENT	EMPLOYEES (1,000)						OCTOBER PAYROLL (mil. dol.)					
	All cities			Cities with 50,000 population or more <sup>1</sup>			All cities			Cities with 50,000 population or more <sup>1</sup>		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Total.....	2,506	2,511	2,553	1,630	1,629	1,652	2,130	2,537	2,729	1,612	1,890	2,046
Full-time.....	2,038	2,059	2,074	1,450	1,444	1,458	2,031	2,428	2,618	1,551	1,823	1,978
Part-time.....	468	452	479	180	185	194	98	109	111	60	66	68
Full-time equivalent.....	2,143	2,165	2,189	1,508	1,500	1,514	(x)	(x)	(x)	(x)	(x)	(x)
Education <sup>2</sup> .....	376	361	364	312	295	305	425	478	513	363	410	447
Percent of total.....	18	17	17	21	20	20	20	19	19	23	22	22
Instructional staff.....	277	266	267	226	216	223	346	392	421	295	335	367
Others.....	99	95	97	86	79	82	78	86	92	68	75	80
Highways.....	129	128	124	65	63	63	109	129	136	62	71	77
Public welfare.....	42	43	40	41	39	37	36	42	42	34	40	40
Hospitals.....	128	134	131	94	88	88	108	129	139	87	95	101
Health.....	38	37	34	35	33	33	35	41	41	33	38	41
Police protection.....	349	355	366	224	225	228	384	465	515	272	323	355
Fire protection.....	184	182	203	126	126	130	217	255	281	162	189	207
Sewerage.....	55	57	58	28	30	31	46	59	66	27	34	38
Sanitation.....	108	107	105	66	65	67	88	107	103	62	75	80
Parks and recreation.....	104	112	111	73	80	78	84	103	113	61	76	82
Housing, urban renewal.....	35	42	43	31	38	39	35	48	53	32	44	48
Correction.....	16	18	18	15	17	17	18	23	26	17	21	25
Libraries.....	38	35	35	28	24	25	30	33	35	23	24	27
Financ <sup>1</sup> adminis <sup>1</sup> tr'n.....	61	67	67	34	37	37	54	71	76	33	42	46
General control.....	105	104	106	62	63	61	101	118	130	66	75	84
Local utilities <sup>3</sup> .....	200	199	206	136	130	138	206	242	266	155	177	195
Water supply.....	92	95	92	51	52	52	81	101	107	50	62	67
Electric power.....	46	44	45	27	24	25	49	55	64	32	34	40
Transit.....	56	52	61	54	50	58	71	79	87	70	77	84
All other functions.....	175	184	178	139	147	133	155	194	197	125	155	152

X Not applicable. <sup>1</sup>1979 based on population estimates in 1977; 1978 and 1975 based on population estimates in 1975 and 1970, respectively. <sup>2</sup>City-operated schools and colleges only. <sup>3</sup>Includes gas supply, not shown below.

Source of tables 527 and 528: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

**No. 529. CITY GOVERNMENT EMPLOYMENT AND PAYROLL—SELECTED LARGE CITIES: 1970 TO 1979**

[For October, See text, p. 286]

CITIES RANKED BY POPULATION-SIZE, 1977	FULL-TIME EQUIVALENT EMPLOYMENT						OCTOBER PAYROLL (mil. dol.)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dol.)	
	Total (1,000)			Per 10,000 population							
	1970	1975	1979	1970 <sup>1</sup>	1975 <sup>2</sup>	1979 <sup>3</sup>	1970	1975	1979	1970	1979
New York, N.Y.* <sup>5</sup>	375	348	325	476	464	446	326	435	473	869	1,454
Chicago, Ill.	44	49	48	131	157	155	40	20	67	902	1,408
Los Angeles, Calif.	42	47	40	150	172	146	42	64	73	990	1,814
Philadelphia, Pa.	34	38	35	177	209	198	30	45	55	866	1,577
Houston, Tex.	10	14	16	81	107	101	7	13	21	679	1,332
Detroit, Mich.	26	21	25	172	153	193	21	26	63	802	2,532
Dallas, Tex.	11	13	14	134	163	163	8	13	18	693	1,327
Baltimore, Md.* <sup>5</sup>	37	41	42	412	475	521	26	37	43	704	1,039
San Diego, Calif.	5	7	7	78	89	86	5	9	10	868	1,517
San Antonio, Tex.	8	11	12	128	143	149	5	10	14	648	1,191
Honolulu, Hawaii	7	9	9	110	126	126	6	9	11	811	1,228
Indianapolis, Ind.	6	11	11	78	160	160	3	8	11	500	979
Washington, D.C.* <sup>5</sup>	49	46	44	642	643	644	39	57	74	804	1,692
Phoenix, Ariz.	5	7	8	94	110	123	4	7	12	718	1,425
Memphis, Tenn.* <sup>5</sup>	24	22	24	367	328	359	15	20	28	618	1,179
San Francisco, Calif.	20	22	21	285	324	324	19	27	32	945	1,518
Milwaukee, Wis.	10	10	9	138	145	137	8	11	13	798	1,454
Boston, Mass.* <sup>5</sup>	25	25	25	382	390	397	18	27	35	753	1,406
Cleveland, Ohio	16	13	11	210	197	186	10	13	15	621	1,297
San Jose, Calif.	3	4	4	59	66	66	3	5	7	970	1,714
New Orleans, La.	10	11	13	169	188	223	5	7	11	465	919
Columbus, Ohio	5	7	7	94	124	130	4	7	8	734	1,158
Jacksonville, Fla.	6	10	11	115	194	207	4	9	11	716	1,013
St. Louis, Mo.	13	14	14	215	257	269	9	12	16	642	1,121
Seattle, Wash.	10	9	9	189	180	180	8	10	16	820	1,788
Denver, Colo.	9	12	12	173	252	263	6	13	17	710	1,367
Kansas City, Mo.	6	7	7	113	137	149	4	7	8	686	1,202
Pittsburg, Pa.	7	6	6	135	121	130	5	5	6	679	1,116
Nashville-Davidson, Tenn.* <sup>5</sup>	14	18	17	319	425	404	9	15	22	632	1,239
Atlanta, Ga.	7	9	9	147	204	208	4	7	9	612	1,067
Cincinnati, Ohio	<sup>5</sup> 13	<sup>5</sup> 17	6	<sup>5</sup> 297	<sup>5</sup> 421	156	<sup>5</sup> 9	<sup>5</sup> 17	9	<sup>5</sup> 468	1,458
El Paso, Tex.	3	4	4	85	90	107	2	3	5	562	1,120
Buffalo, N.Y.* <sup>5</sup>	13	13	11	200	325	285	11	14	16	829	1,463
Portland, Oreg.	5	5	4	121	132	105	4	6	7	790	1,807
Oklahoma City, Okla.	4	4	4	97	104	116	2	3	5	559	1,207
Fort Worth, Tex.	4	4	5	100	122	126	3	4	5	647	1,198
Omaha, Nebr.	3	4	3	75	98	81	2	3	4	662	1,478
Minneapolis, Minn.	5	6	5	117	146	141	4	7	8	825	1,671
Toledo, Ohio	4	4	4	98	105	103	3	4	6	829	1,566
Miami, Fla.	4	4	4	126	100	110	3	5	5	804	1,437
Long Beach, Calif.	5	5	4	127	152	131	4	7	7	913	1,678
Tulsa, Okla.	3	3	4	83	98	124	2	3	6	621	1,184
Oakland, Calif.	4	4	4	102	132	118	4	6	6	953	1,645
Newark, N.J.* <sup>5</sup>	16	18	13	407	542	402	12	17	17	814	1,330
Austin, Tex.	4	6	7	102	132	207	4	6	9	953	1,286
Louisville, Ky.	6	6	6	161	166	190	4	5	6	672	1,028
Baton Rouge, La.	3	3	4	89	104	119	1	2	3	528	908
Tucson, Ariz.	2	4	4	94	150	136	2	4	5	697	1,313
Charlotte, N.C.	3	4	4	113	137	134	2	4	5	667	1,178
Albuquerque, N. Mex.	3	4	4	107	137	135	2	3	4	654	1,135
Birmingham, Ala.	4	4	4	120	134	143	2	3	5	573	1,148
Norfolk, Va.* <sup>5</sup>	10	12	10	309	401	361	6	9	11	590	1,135
Wichita, Kans.	3	3	3	95	115	118	2	3	3	607	1,016
St. Paul, Minn.	3	3	3	89	120	125	2	4	5	674	1,602
Tampa, Fla.	4	4	5	146	152	180	2	4	5	453	1,141
Sacramento, Calif.	3	3	3	112	131	117	2	4	5	624	1,641
Rochester, N.Y.* <sup>5</sup>	11	10	8	356	372	325	8	11	13	739	1,559
Akron, Ohio	3	3	3	103	124	127	2	3	4	716	1,396
St. Petersburg, Fla.	4	3	4	171	147	160	2	3	4	529	1,086
Virginia Beach, Va.	4	7	9	257	321	364	3	5	8	(NA)	973
Richmond, Va.	10	10	10	401	442	462	7	9	11	(NA)	1,123
Corpus Christi, Tex.	2	3	3	112	136	133	1	3	3	(NA)	942

Not available. <sup>1</sup>Based on 1970 enumerated population. <sup>2</sup>Based on 1975 population estimates. <sup>3</sup>Based on 1977 population estimates. <sup>4</sup>Includes city-operated elementary and secondary schools. <sup>5</sup>Includes city-operated university or college.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.