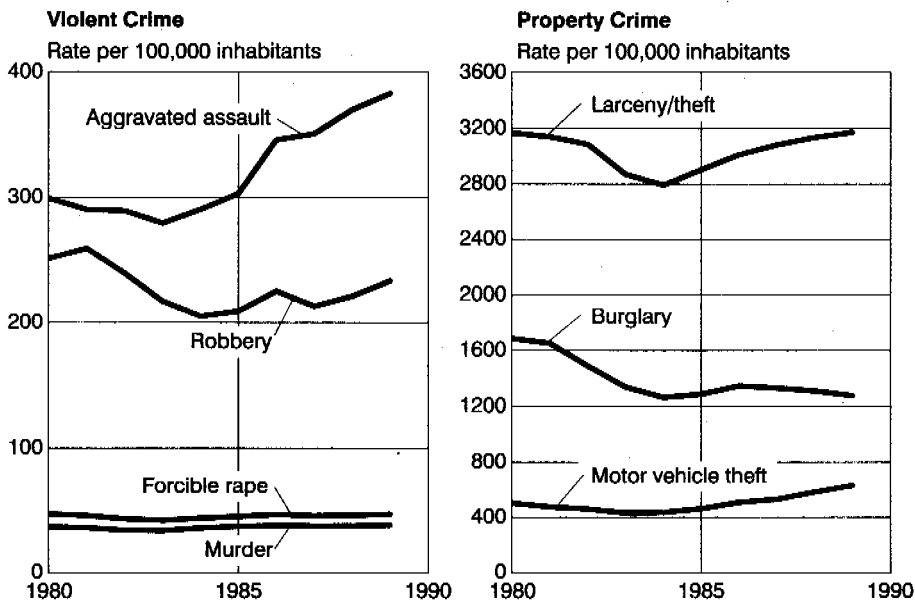
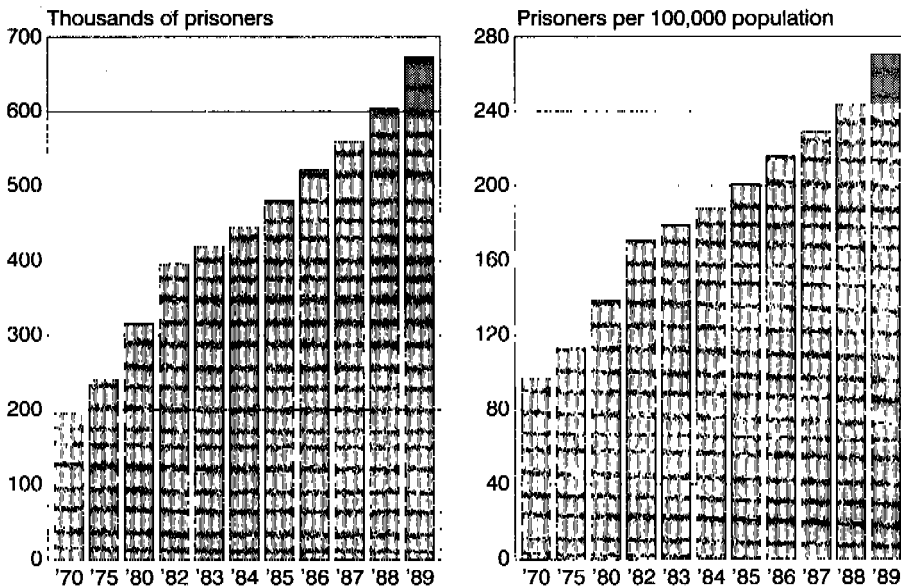


Figure 5.1
Selected Crime Rates: 1980 to 1989



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 292.

Figure 5.2
Federal and State Prisoners: 1970 to 1989



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 334.



Section 5 Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and data related to criminal violations, and the criminal justice system. The major sources of these data are the Bureau of Justice Statistics (BJS) and the Federal Bureau of Investigation (FBI). 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 Courts*, *Census of State Correctional Facilities* and *Survey of Prison Inmates*, *Census of Jails* and *Survey of Jail Inmates*, *Parole in the United States*, *Capital Punishment*, and the annual *Expenditure and Employment Data for the Criminal Justice System*. The Federal Bureau of Investigation's major annual report is *Crime in the United States*, which presents data on reported crimes as gathered from State and local law enforcement agencies.

Other major sources of these data include: *Annual Report of the Director, Federal Court Management Statistics*, *Federal Offenders*, and *Sentences Imposed Chart* 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.

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. 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: Investigation of crimes and arrests of persons suspected of committing them; prosecution of those charged with crime; and the punishment or treatment of persons convicted of crime.

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 index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter*, 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. Arson was added as the eighth Index offense in April 1979 following a Congressional mandate. *Arson* includes any willful or malicious burning or attempt to burn with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, personal property of another, etc. The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI depends primarily on the adherence to the established standards of reporting for statistical accuracy, presenting the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

National Crime Survey (NCS)—A second perspective on crime is provided by the National Crime Survey (NCS) of the Bureau of Justice Statistics. Details about the crimes come directly from the victims. No attempt is made to validate the information against police records or any other source. The NCS measures rape, robbery, assault, household and personal larceny, burglary, and motor vehicle theft. The NCS includes offenses reported to the police, as well as those not reported. Police reporting rates (percent of victimizations) varied by type of crime. In 1988, for instance, 44.9 percent of the rapes were reported; 57.1 percent of the robberies; 45.9 percent of assaults; 27.2 percent of personal larcenies without contact; 50.7 percent of the household burglaries; and 73.2 percent of motor vehicle thefts.

Murder and kidnapping are not covered. Commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

Crimes of which the victim may not be aware also cannot be measured effectively. Buying stolen property may fall into this category, as may some instances of embezzlement. Attempted crimes of many types probably are under recorded for this reason. Events in which the victim has shown a willingness to participate in illegal activity also are excluded.

In any encounter involving a personal crime, more than one criminal act can be committed against an individual. For example, a rape may be associated with a robbery; or a household offense, such as a burglary, can escalate into something more serious in the event of a personal confrontation. In classifying the survey-measured crimes, each criminal incident has been counted only once—by the most serious act that took place during the incident and ranked in accordance with the seriousness classification system used by the Federal Bureau of Investigation. The order of seriousness for crimes against persons is as follows: Rape, robbery, assault, and larceny. Consequently, if a person were both robbed and assaulted, the event would be classified as robbery; if the victim suffered physical harm, the crime would be categorized as robbery with injury. Personal crimes take precedence over household offenses.

A *victimization*, basic measure of the occurrence of crime, is a specific criminal act as it affects a single victim. The number of victimizations is determined by the number of victims of such acts. Victimization counts serve as key elements in computing rates of victimization. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further details regarding the NCS, see *Criminal Victimization in the United States*, by the U.S. Bureau of Justice Statistics.

An *incident* is a specific criminal act involving one or more victims; therefore the number of incidents of personal crimes lower than that of victimizations.

NCS estimates appearing in 1980 and earlier reports made use of population controls derived from the 1970 census. Thereafter, population estimates based on the 1980 census were used. Victimization rates, key measures of the occurrence of crime, and all percentages generally were unaffected by the change in the estimation procedure. Thus, the vast majority of data appearing after 1980 are compatible with data in previous NCS reports.

Courts.—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, and by the Bureau of Justice Statistics for 1986 based on a nationally representative sample survey.

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 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 94 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 Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. 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. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—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 the Law Enforcement Assistance Administration, and, in 1979, to the 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 IV.

No. 292. Crimes and Crime Rates, by Type: 1980 to 1989

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April, 1. Annual totals for years prior to 1984 were adjusted in 1984 and may not be consistent with those in prior editions. See source for details. Minus sign (—) indicates decrease. For definitions of crimes, see text, section 5. See *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der ¹	Forci- ble rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larceny— theft	Motor vehicle theft
Number of offenses (1,000):										
1980	13,408	1,345	23.0	83.0	566	673	12,064	3,795	7,137	1,132
1981	13,424	1,362	22.5	82.5	593	664	12,062	3,780	7,194	1,088
1982	12,974	1,322	21.0	78.8	553	669	11,652	3,447	7,143	1,062
1983	12,109	1,258	19.3	78.9	507	653	10,851	3,130	6,713	1,008
1984	11,882	1,273	18.7	84.2	485	685	10,609	2,984	6,592	1,032
1985	12,431	1,329	19.0	88.7	498	723	11,103	3,073	6,926	1,103
1986	13,212	1,489	20.6	91.5	543	834	11,723	3,241	7,257	1,224
1987	13,509	1,484	20.1	91.1	518	855	12,025	3,236	7,500	1,289
1988	13,923	1,566	20.7	92.5	543	910	12,357	3,218	7,706	1,433
1989	14,251	1,646	21.5	94.5	578	952	12,605	3,168	7,872	1,565
Percent change, number of offenses:										
1980-1989	6.3	22.4	-6.7	13.9	2.2	41.5	4.5	-16.5	10.3	38.3
1985-1989	14.6	23.9	13.3	6.6	16.2	31.6	13.5	3.1	13.7	41.9
1988-1989	2.4	5.1	4.0	2.2	6.5	4.6	2.0	-1.6	2.2	9.2
Rate per 100,000 population:										
1980	5,950	597	10.2	36.8	251	299	5,353	1,684	3,167	502
1981	5,858	594	9.8	36.0	259	290	5,264	1,650	3,140	475
1982	5,604	571	9.1	34.0	239	289	5,033	1,489	3,085	459
1983	5,175	538	8.3	33.7	217	279	4,637	1,338	2,869	431
1984	5,031	539	7.9	35.7	205	290	4,492	1,264	2,791	437
1985	5,207	557	7.9	37.1	209	303	4,651	1,287	2,901	462
1986	5,480	618	8.6	37.9	225	346	4,863	1,345	3,010	508
1987	5,550	610	8.3	37.4	213	351	4,940	1,330	3,081	529
1988	5,664	637	8.4	37.6	221	370	5,027	1,309	3,135	583
1989	5,741	663	8.7	38.1	233	383	5,078	1,276	3,171	630
Percent change, rate per 100,000 population:										
1980-1989	-3.5	11.1	-14.7	3.5	-7.2	28.4	-5.1	-24.2	0.1	25.5
1985-1989	10.3	19.1	10.1	2.7	11.8	26.6	9.2	-0.9	9.3	36.5
1988-1989	1.4	4.1	3.6	1.3	5.5	3.6	1.0	-2.5	1.2	8.1

¹ Includes nonnegligent manslaughter.

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

No. 293. Crimes and Crime Rates, by Type and Area: 1988 and 1989

[In thousands, except rate. Rate per 100,000 population; see headnote, table 292. Estimated totals based on reports from city and rural law enforcement representing 96 percent of the national population. For definitions of crimes, see text, section 5]

TYPE OF CRIME	1988 ¹						1989					
	MSA's ²		Other cities		Rural areas		MSA's ²		Other cities		Rural areas	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
Total	12,138	6,428	1,123	4,921	662	1,938	12,430	6,496	1,149	5,034	673	1,974
Violent crime	1,420	752	85	371	61	180	1,492	780	90	394	64	189
Murder and nonnegligent manslaughter	18	9	1	4	2	5	19	10	1	5	2	5
Forcible rape	80	43	6	25	6	18	81	42	6	27	7	21
Robbery	525	278	13	55	5	15	560	293	13	58	5	16
Aggravated assault	797	422	65	286	48	141	832	435	69	304	50	147
Property crime	10,718	5,676	1,039	4,550	600	1,759	10,938	5,716	1,059	4,640	608	1,785
Burglary	2,751	1,457	238	1,042	230	672	2,702	1,412	237	1,040	229	673
Larceny-theft	6,621	3,506	753	3,298	332	973	6,762	3,534	771	3,380	339	995
Motor vehicle theft	1,346	713	48	210	39	114	1,474	771	50	221	40	117

¹ Data for 1988 were not available for the States of Florida and Kentucky; therefore, crime counts for those two States were estimated. ² For definition, see text, Appendix II.

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

No. 294. Crime Rates by State, 1985 to 1989, and by Type, 1989

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of July 1. For definitions of crimes, see text, section 5. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	1985, total	1988, total	1989									
			Total ¹	Violent crime					Property crime			
				Total	Mur- der ¹	Forci- ble rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larce- ny- —theft	Motor vehic- le theft
United States . . .	5,207	5,664	5,741	663	8.7	38	233	383	5,078	1,276	3,171	630
Northeast . . .	4,627	5,006	5,072	710	7.8	28	323	351	4,362	1,007	2,586	769
New England . . .	4,487	4,730	4,854	495	4.4	29	158	303	4,359	1,065	2,592	703
Maine . . .	3,672	3,578	3,584	137	3.2	19	24	91	3,446	803	2,460	183
New Hampshire . . .	3,252	3,334	3,596	168	3.3	30	24	112	3,428	737	2,447	244
Vermont . . .	3,888	4,240	4,089	133	1.9	23	18	90	3,956	1,029	2,728	199
Massachusetts . . .	4,758	4,991	5,136	675	4.3	32	203	436	4,461	1,066	2,485	911
Rhode Island . . .	4,723	5,204	5,225	378	4.9	27	112	234	4,847	1,207	2,716	924
Connecticut . . .	4,705	5,098	5,270	512	5.9	28	215	264	4,758	1,236	2,824	698
Middle Atlantic . . .	4,675	5,100	5,147	784	9.0	28	379	367	4,363	988	2,584	792
New York . . .	5,589	6,309	6,293	1,131	12.5	29	579	510	5,162	1,176	3,033	953
New Jersey . . .	5,094	5,295	5,269	609	5.1	32	273	299	4,660	977	2,765	919
Pennsylvania . . .	3,037	3,176	3,360	379	6.3	25	150	198	2,982	714	1,799	469
Midwest . . .	4,674	4,873	4,949	528	6.6	39	177	306	4,420	1,013	2,936	471
East North Central . . .	4,939	5,087	5,150	589	7.6	44	207	330	4,561	1,040	2,993	528
Ohio . . .	4,187	4,645	4,733	469	6.0	45	171	247	4,265	1,018	2,811	435
Indiana . . .	3,914	4,150	4,440	406	6.3	32	101	267	4,033	969	2,673	391
Illinois . . .	5,384	5,621	5,639	846	9.0	36	336	465	4,793	1,076	3,110	607
Michigan . . .	6,366	6,084	5,968	709	10.7	71	222	405	5,259	1,225	3,312	723
Wisconsin . . .	4,017	3,972	4,165	223	3.6	20	75	123	3,942	733	2,877	332
West North Central . . .	4,046	4,365	4,473	385	4.3	28	105	247	4,088	949	2,803	336
Minnesota . . .	4,134	4,315	4,383	288	2.5	31	95	160	4,095	897	2,818	380
Iowa . . .	3,943	4,077	4,081	266	1.9	16	39	209	3,815	847	2,810	158
Missouri . . .	4,366	4,845	5,127	633	7.9	31	195	399	4,495	1,136	2,835	524
North Dakota . . .	2,679	2,728	2,561	63	0.6	12	9	42	2,498	359	2,026	113
South Dakota . . .	2,641	2,581	2,685	136	1.3	32	12	90	2,550	475	1,966	109
Nebraska . . .	3,695	4,140	4,092	280	2.5	24	52	201	3,812	745	2,880	186
Kansas . . .	4,375	4,880	4,983	401	5.5	36	100	259	4,582	1,189	3,096	297
South . . .	5,256	6,093	6,205	675	10.8	41	217	406	5,530	1,554	3,404	572
South Atlantic . . .	5,375	6,263	6,425	768	11.0	41	261	455	5,657	1,567	3,536	554
Delaware . . .	4,961	4,799	4,865	556	5.1	85	139	328	4,309	902	3,015	391
Maryland . . .	5,373	5,705	5,563	855	11.6	38	332	474	4,707	1,123	2,920	664
District of Columbia ² . . .	8,007	9,915	10,293	2,142	71.9	31	1083	956	8,151	1,950	4,828	1,373
Virginia . . .	3,779	4,177	4,211	313	7.9	27	106	171	3,899	757	2,831	311
West Virginia . . .	2,253	2,239	2,363	147	6.5	19	43	79	2,216	627	1,433	157
North Carolina . . .	4,121	4,862	5,254	546	8.9	30	133	374	4,707	1,503	2,919	285
South Carolina . . .	4,841	5,412	5,619	814	9.1	46	130	628	4,806	1,393	3,071	342
Georgia . . .	5,110	6,327	7,073	736	12.7	49	271	403	6,337	1,712	3,971	654
Florida . . .	7,574	8,938	8,804	1,109	11.1	50	404	645	7,695	2,283	4,607	806
East South Central . . .	3,651	4,022	4,085	473	9.0	36	119	310	3,612	1,087	2,191	334
Kentucky . . .	2,947	3,135	3,317	357	7.9	25	76	248	2,960	819	1,921	220
Tennessee . . .	4,167	4,469	4,514	549	8.4	46	160	334	3,965	1,207	2,225	533
Alabama . . .	3,942	4,562	4,628	591	10.2	31	134	416	4,037	1,147	2,593	297
Mississippi . . .	3,266	3,593	3,515	311	9.7	39	78	184	3,204	1,145	1,880	179
West South Central . . .	5,991	7,010	7,064	642	11.5	44	204	383	6,422	1,799	3,886	737
Arkansas . . .	3,585	4,220	4,556	474	8.4	38	111	316	4,082	1,194	2,622	266
Louisiana . . .	5,564	5,761	6,241	782	14.9	38	237	491	5,459	1,465	3,474	521
Oklahoma . . .	5,425	5,589	5,503	492	6.5	38	126	321	5,011	1,564	2,862	586
Texas . . .	6,569	8,018	7,927	659	11.9	47	223	377	7,268	2,015	4,365	889
West . . .	6,405	6,543	6,550	754	8.3	42	236	468	5,796	1,388	3,633	775
Mountain . . .	6,183	6,151	6,250	472	5.3	36	101	330	5,778	1,297	4,042	439
Montana . . .	4,549	4,267	3,998	116	2.9	18	17	78	3,882	692	2,964	226
Idaho . . .	3,908	3,973	3,931	255	2.6	23	15	214	3,676	872	2,645	159
Wyoming . . .	4,015	3,967	3,889	258	4.4	28	17	209	3,631	632	2,862	137
Colorado . . .	6,919	6,178	6,039	471	4.4	36	90	341	5,568	1,250	3,865	453
New Mexico . . .	6,486	6,606	6,574	704	8.6	48	105	544	5,870	1,711	3,809	350
Arizona . . .	7,116	7,471	8,060	600	6.7	36	139	418	7,460	1,667	5,106	687
Utah . . .	5,317	5,579	5,682	259	2.6	29	53	175	5,423	897	4,289	238
Nevada . . .	6,575	6,453	6,272	625	8.2	60	251	307	5,646	1,405	3,662	580
Pacific . . .	6,486	6,683	6,656	854	9.4	44	284	516	5,803	1,420	3,489	894
Washington . . .	6,529	7,113	6,594	472	4.4	62	140	266	6,122	1,545	4,119	458
Oregon . . .	6,730	7,059	6,161	519	4.8	47	152	315	5,643	1,425	3,677	540
California . . .	6,518	6,636	6,763	978	10.9	41	332	594	5,786	1,412	3,347	1,027
Alaska . . .	5,877	4,922	4,780	498	8.0	53	68	369	4,282	827	3,000	455
Hawaii . . .	5,201	5,989	6,270	270	4.8	45	83	138	6,000	1,343	4,260	397

¹ Includes nonnegligent manslaughter. ² Includes offenses reported by the police at the National Zoo. ³ Data for 1988 are estimates.

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

No. 295. Crime Rates, by Type—Selected Large Cities: 1989

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of July 1. For definitions of crimes, see text, section 5]

CITY RANKED BY POPULATION SIZE, 1988 ¹	Crime index, total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der	Forci- ble rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larce- ny— theft	Motor vehicle theft
Total, 8,134 cities	7,232	875	10.8	45	338	481	6,357	1,507	4,004	846
New York, NY	9,667	2,300	25.8	44	1,267	963	7,367	1,646	3,905	1,816
Los Angeles, CA	9,272	2,246	25.5	58	903	1,260	7,026	1,488	3,679	1,859
Chicago, IL	(²)	(²)	24.8	(²)	1,057	1,259	7,618	1,726	4,355	1,536
Houston, TX	10,816	1,140	26.8	67	573	473	9,676	2,745	4,771	2,160
Philadelphia, PA	6,997	1,093	28.7	47	619	397	5,904	1,325	3,063	1,516
San Diego, CA	9,374	922	11.0	37	326	547	8,453	1,592	4,532	2,329
Detroit, MI	12,090	2,401	60.0	137	1,145	1,059	9,689	2,793	4,192	2,705
Dallas, TX	16,707	2,131	35.2	119	948	1,029	14,576	3,879	7,956	2,740
San Antonio, TX	12,717	553	17.7	50	285	200	12,163	2,998	7,559	1,607
Phoenix, AZ	10,867	900	13.4	42	278	567	9,966	2,443	6,174	1,349
Baltimore, MD	9,353	2,047	34.3	71	1,044	897	7,306	1,876	4,359	1,071
San Jose, CA	5,137	598	5.0	53	131	409	4,538	834	3,121	584
San Francisco, CA	9,021	1,340	9.7	51	666	613	7,681	1,424	4,969	1,288
Indianapolis, IN	6,507	1,210	8.5	100	373	729	5,297	1,760	2,711	826
Memphis, TN	8,882	1,233	21.7	120	581	511	7,649	2,315	3,406	1,928
Jacksonville, FL	10,333	1,443	25.2	93	602	723	8,889	3,010	5,081	798
Washington, DC	10,284	2,142	71.9	31	1,083	956	8,143	1,950	4,820	1,373
Milwaukee, WI	8,761	710	18.6	77	402	213	8,050	1,527	5,003	1,521
Boston, MA	12,068	2,227	17.1	83	1,011	1,116	9,840	1,704	5,308	2,829
Columbus, OH	10,394	1,046	15.7	95	546	389	9,348	2,618	5,511	1,220
New Orleans, LA	11,263	1,930	47.5	73	1,031	778	9,333	2,445	4,717	2,170
Cleveland, OH	8,350	1,520	27.5	160	772	561	6,830	2,020	2,975	1,834
El Paso, TX	10,623	916	8.0	47	221	640	9,707	2,214	6,447	1,046
Seattle, WA	12,908	1,337	7.4	93	478	761	11,570	2,753	7,687	1,131
Denver, CO	7,612	722	11.1	66	256	389	6,890	2,078	3,674	1,138
Nashville-Davidson, TN	6,971	1,043	13.8	95	321	613	5,927	1,608	3,787	532
Austin, TX	10,669	556	6.6	50	217	282	10,114	2,380	7,156	577
Kansas City, MO	12,721	2,043	31.8	115	868	1,027	10,679	2,748	5,870	2,060
Oklahoma City, OK	11,186	997	14.1	81	374	527	10,189	3,166	5,495	1,528
Fort Worth, TX	15,689	1,549	26.2	105	587	831	14,140	3,999	8,056	2,085
Atlanta, GA	20,690	3,951	57.7	162	1,594	2,138	16,739	4,033	10,003	2,703
Portland, OR	12,753	1,891	8.9	97	625	1,158	10,862	2,908	6,318	1,636
Long Beach, CA	9,491	1,683	20.0	58	863	722	7,808	2,070	4,092	1,646
St. Louis, MO	15,326	3,121	39.0	81	1,042	1,959	12,205	3,416	6,584	2,205
Albuquerque, NM	9,965	1,220	10.7	46	268	895	8,744	2,514	5,631	599
Honolulu, HI	6,232	271	5.1	49	96	121	5,962	1,259	4,279	424
Pittsburgh, PA	8,675	1,216	8.2	58	658	494	7,659	2,154	3,366	2,139
Miami, FL	18,377	3,687	34.6	75	1,912	1,875	14,680	4,027	8,202	2,451
Cincinnati, OH	7,473	991	12.1	94	384	501	6,481	1,669	4,407	405
Tulsa, OK	9,178	1,188	8.7	84	387	708	7,990	2,447	3,914	1,629
Charlotte, NC	13,242	2,050	19.6	87	636	1,308	11,192	3,428	7,039	725
Virginia Beach, VA	5,623	206	4.6	36	86	79	5,418	1,015	4,121	281
Oakland, CA	12,534	1,516	35.2	121	880	480	11,018	2,696	6,536	1,786
Omaha, NE	6,574	775	6.5	53	180	535	5,799	1,340	4,046	413
Minneapolis, MN	12,097	1,541	13.2	133	724	670	10,557	2,825	6,156	1,575
Toledo, OH	9,544	961	12.0	114	462	372	8,583	2,170	5,001	1,412
Sacramento, CA	10,319	1,054	12.7	54	476	511	9,265	2,155	5,171	1,940
Newark, NJ	14,344	3,295	34.1	120	1,692	1,449	11,050	2,131	3,925	4,994
Buffalo, NY	8,529	1,425	11.8	85	582	746	7,104	2,330	3,754	1,020
Fresno, CA	11,693	1,361	13.3	74	484	789	10,333	2,568	5,918	1,847
Wichita, KS	8,738	725	9.8	80	313	323	8,013	2,068	5,338	606
Norfolk, VA	8,263	751	18.9	65	327	339	7,513	1,335	5,335	843
Colorado Springs, CO	7,576	473	3.2	67	122	281	7,103	1,512	5,026	566
Louisville, KY	6,506	907	11.3	43	424	428	5,599	1,836	3,051	712
Tampa, FL	15,660	2,733	19.7	60	1,084	1,569	12,927	4,040	7,087	1,800
Mesa, AZ	6,672	490	3.5	30	75	382	6,182	1,343	4,197	642
Birmingham, AL	9,477	1,446	36.0	93	635	682	8,031	2,348	4,352	1,331
Corpus Christi, TX	10,732	757	7.2	73	216	460	9,975	2,639	6,885	451
St Paul, MN	8,322	940	5.7	72	327	536	7,382	1,934	4,402	1,046
Arlington, TX	8,613	597	4.2	34	212	346	8,016	1,993	5,011	1,013
Anaheim, CA	7,272	657	10.8	45	301	301	6,614	1,779	3,635	1,201
Santa Ana, CA	8,766	943	21.6	30	458	434	7,823	1,484	4,784	1,556
St. Petersburg, FL	12,689	2,117	18.2	63	931	1,105	10,572	2,885	6,668	1,019
Baton Rouge, LA	11,749	1,673	17.5	48	312	1,295	10,076	2,545	6,634	897
Rochester, NY	11,669	1,077	15.6	75	509	478	10,592	2,647	7,099	846
Lexington-Fayette, KY	6,632	613	4.9	46	161	401	6,019	1,485	4,186	347
Akron, OH	7,515	1,011	9.0	80	335	587	6,503	1,509	4,258	737
Aurora, CO	7,864	1,301	3.2	55	172	1,071	6,563	1,350	4,658	555
Anchorage, AL	5,469	506	4.9	62	122	317	4,963	765	3,680	518
Shreveport, LA	11,581	1,082	23.5	55	386	618	10,498	2,955	7,132	411
Jersey City, NJ	9,926	1,790	16.5	44	1,058	672	8,136	2,011	3,701	2,425

¹ Data for 1989 were not available for Tucson, AZ. ² The rates for forcible rape, violent crime, and crime index are not shown because the forcible rape figures were not in accordance with national Uniform Crime Reporting guidelines.

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

No. 296. Murder Circumstances/Motives and Weapons Used or Cause of Death: 1980 to 1989

[Based solely on police investigation. For definition of murder, see text, section 5]

CHARACTERISTIC	1980	1985	1988	1989	CHARACTERISTIC	1980	1985	1988	1989
Murders, total	21,860	17,545	17,971	18,954	Other motives	20.6	18.1	18.9	19.0
Percent distribution	100.0	100.0	100.0	100.0	Unknown	15.1	22.8	26.3	23.7
CIRCUMSTANCES					TYPE OF WEAPON OR CAUSE OF DEATH				
Felonies, total	17.7	17.9	19.0	21.4	Guns	62.4	58.7	60.6	62.4
Robbery	10.8	9.2	8.3	9.1	Handguns	46.0	43.0	45.3	47.6
Narcotics	1.7	2.9	5.6	7.4	Cutting or stabbing	19.3	21.1	19.2	18.2
Sex offenses	1.5	1.5	1.2	1.1	Blunt objects	5.0	5.5	6.3	6.0
Other felonies	3.7	4.3	3.8	3.8	Personal weapons ²	5.8	6.7	6.1	5.5
Suspected felonies	6.7	2.0	1.3	0.8	Strangulations, asphyxiations	2.3	2.4	2.2	2.5
Argument, total	39.9	39.3	34.5	35.2	Fire	1.3	1.4	1.4	1.2
Property or money	2.6	2.7	2.7	2.9	All other ³	3.9	4.2	4.1	4.1
Romantic triangle	2.3	2.3	1.7	2.0					
Other arguments	35.0	34.3	30.1	30.3					

¹ Refers to club, hammer, etc. ² Hands, fists, feet, etc. ³ Includes poison, drowning, explosives, narcotics, and unknown.

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

No. 297. Homicide Victims, by Race and Sex: 1970 to 1988

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1980, deaths classified according to the ninth revision of the *International Classification of Diseases*; for earlier years, classified according to revision in use at the time; see text, section 2. See also *Historical Statistics, Colonial Times to 1970*

YEAR	HOMICIDE VICTIMS					HOMICIDE RATE ²				
	Total ¹	White		Black		Total ¹	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3
1975	21,310	8,222	2,751	8,092	1,929	9.9	9.0	2.9	69.0	14.9
1980	24,278	10,381	3,177	8,385	1,898	10.7	10.9	3.2	66.6	13.5
1981	23,646	9,941	3,125	8,312	1,825	10.3	10.4	3.1	64.8	12.7
1982	22,358	9,280	3,179	7,730	1,743	9.6	9.6	3.1	59.1	12.0
1983	20,191	8,355	2,880	6,822	1,672	8.6	8.6	2.8	51.4	11.3
1984	19,796	8,171	2,956	6,563	1,677	8.4	8.3	2.9	48.7	11.2
1985	19,893	8,122	3,041	6,616	1,666	8.3	8.2	2.9	48.4	11.0
1986	21,731	8,567	3,123	7,634	1,861	9.0	8.6	3.0	55.0	12.1
1987	21,103	7,979	3,149	7,518	1,969	8.7	7.9	3.0	53.3	12.6
1988	22,032	7,994	3,072	8,314	2,089	9.0	7.9	2.9	58.0	13.2

¹ Includes races not shown separately. ² Rate based on enumerated population figures as of April 1 for 1960, 1970, and 1980; July 1 estimates for other years.

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

No. 298. Forcible Rape—Number and Rate, by Selected Characteristic: 1970 to 1989

[For definition of rape, see text, section 5]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
NUMBER												
Total	37,990	56,090	82,980	82,500	78,770	78,920	84,230	88,670	91,460	91,110	92,490	94,500
By force	26,888	41,501	63,599	63,038	59,967	61,019	66,367	71,060	73,453	73,456	75,441	78,411
Attempt	11,102	14,589	19,391	19,462	18,803	17,901	17,863	17,610	18,007	17,654	17,049	16,089
RATE												
Per 100,000 population	18.7	26.3	36.8	36.0	34.0	33.7	35.7	37.1	37.9	37.4	37.6	38.1
Per 100,000 females	30.4	51.3	71.6	70.0	66.2	65.6	69.4	72.3	73.9	73.0	73.4	74.3
Per 100,000 females 12 years old and over	46.3	62.9	86.3	84.1	79.3	78.5	83.0	86.6	88.6	87.5	88.1	89.3
PERCENT CHANGE IN RATE												
Per 100,000 population	(NA)	40.6	6.1	-2.2	-5.5	-0.9	5.7	4.1	2.1	-1.3	0.5	1.3
Per 100,000 females 12 years old and over	(NA)	35.9	6.0	-2.5	-5.7	-1.0	5.7	4.3	2.3	-1.2	0.7	1.4

NA Not available.

Source: U.S. Federal Bureau of Investigation, *Population-at-Risk Rates and Selected Crime Indicators*, annual.

No. 299. Robbery and Property Crimes, by Type and Selected Characteristic: 1980 to 1989

[For definition of crime, see text, section 5]

ITEM	NUMBER OF OFFENSES (1,000)				RATE PER 100,000 INHABITANTS				AVERAGE VALUE LOST (dol.)	
	1980	1985	1988	1989	1980	1985	1988	1989	1988	1989
Robbery, total ¹	566	498	543	578	251.1	208.5	220.9	233.0	631	701
Type of crime:										
Street or highway	293	273	293	318	130.1	114.4	119.2	128.0	511	538
Commercial house	78	60	65	68	34.6	25.3	26.4	27.5	945	1,214
Gas station	23	17	16	16	10.4	7.0	6.4	6.6	423	455
Convenience store	38	29	35	36	17.0	12.0	14.0	14.7	344	364
Residence	60	51	57	57	26.8	21.5	23.2	22.9	828	902
Bank	8	7	8	8	3.8	2.8	3.2	3.2	2,885	3,591
Weapon used:										
Firearm	228	176	181	192	101.3	73.6	73.7	77.3	(NA)	(NA)
Knife or cutting instrument	73	66	74	77	32.3	27.7	30.1	31.2	(NA)	(NA)
Other dangerous weapon	51	46	57	61	22.8	19.2	23.1	24.5	(NA)	(NA)
Strongarm	214	210	231	248	94.8	88.0	94.0	100.0	(NA)	(NA)
Burglary, total	3,795	3,073	3,218	3,168	1,684.1	1,287.3	1,309.2	1,276.3	1,014	1,060
Forcible entry	2,789	2,148	2,251	2,212	1,237.5	899.6	915.7	891.1	(NA)	(NA)
Unlawful entry	711	668	702	697	315.6	280.0	285.6	280.7	(NA)	(NA)
Attempted forcible entry	295	257	265	259	131.0	107.8	107.9	104.5	(NA)	(NA)
Residence	2,525	2,046	2,164	2,096	1,120.6	857.0	880.4	844.4	1,037	1,080
Nonresidence	1,270	1,027	1,054	1,072	563.5	430.3	428.8	431.9	967	1,023
Occurred during the night	1,508	1,177	1,171	1,170	689.0	493.1	476.4	471.2	(NA)	(NA)
Occurred during the day	1,263	1,025	1,160	1,134	560.3	429.2	472.0	456.8	(NA)	(NA)
Larceny-theft, total	7,137	6,926	7,706	7,872	3,167.0	2,901.2	3,134.9	3,171.3	426	462
Pocket picking	85	79	83	78	37.9	32.9	33.6	31.6	384	303
Purse snatching	107	83	93	89	47.5	35.0	38.0	35.8	228	244
Shoplifting	773	968	1,160	1,230	343.0	405.3	471.8	495.3	104	102
From motor vehicles	1,231	1,369	1,667	1,729	546.4	573.3	678.1	696.5	461	502
Motor vehicle accessories	1,366	1,158	1,265	1,227	606.2	485.2	514.7	494.3	297	315
Bicycles	715	566	437	431	317.5	237.3	177.6	173.7	188	204
From buildings	1,187	1,078	1,162	1,155	526.9	451.6	472.7	465.4	673	747
From coin-operated machines	58	60	71	65	25.8	24.9	29.0	26.2	144	153
Other	1,613	1,565	1,768	1,868	715.7	655.7	719.3	752.3	615	668
Motor vehicles, total ²	1,132	1,103	1,433	1,585	502.2	507.8	4,964.0	630.4	5,117	1,200
Automobiles	845	832	1,108	1,232	374.8	348.5	450.6	486.4	(NA)	(NA)
Trucks and buses	149	156	218	232	66.1	65.4	88.7	93.6	(NA)	(NA)

NA Not available. ¹ Includes other crimes not shown separately. ² Includes other types of motor vehicles not shown separately.

Source: U.S. Federal Bureau of Investigation, *Population-at-Risk Rates and Selected Crime Indicators*, annual.

No. 300. Number and Rate of Victimizations for Crimes Against Persons and Households, by Type: 1973 to 1988

[Data based on National Crime Survey; see text, section 5, and Appendix III]

YEAR	PERSONAL SECTOR							HOUSEHOLD SECTOR				
	Total	Violent crimes						Total	Bur- glary	Lar- ceny	Motor vehic- le theft	
		Total	Rape	Rob- bery	Total	Aggra- vated	Simple					
NUMBER (1,000)												
1973	20,322	5,351	156	1,108	4,087	1,655	2,432	14,971	15,340	6,459	7,537	1,344
1975	21,867	5,573	154	1,147	4,272	1,631	2,641	16,294	17,400	6,744	9,223	1,433
1980	21,430	6,130	174	1,209	4,747	1,707	3,041	15,300	18,821	6,973	10,468	1,381
1981	22,445	6,582	178	1,381	5,024	1,796	3,228	15,863	19,009	7,394	10,176	1,439
1982	22,012	6,459	153	1,334	4,973	1,754	3,219	15,553	17,744	6,663	9,705	1,377
1983	20,561	5,903	154	1,149	4,600	1,517	3,083	14,657	16,440	6,063	9,114	1,264
1984	19,743	5,954	180	1,117	4,657	1,673	2,984	13,789	15,733	5,643	8,750	1,340
1985	19,296	5,823	138	985	4,699	1,605	3,094	13,474	15,568	5,594	8,703	1,270
1986	18,751	5,515	130	1,009	4,376	1,543	2,833	13,235	15,368	5,557	8,455	1,356
1987	19,371	5,796	148	1,046	4,602	1,587	3,014	13,575	15,966	5,705	8,788	1,473
1988	19,966	5,910	127	1,048	4,734	1,741	2,993	14,056	15,830	5,777	8,419	1,634
RATE ¹												
1973	123.6	32.6	1.0	6.7	24.9	10.1	14.8	91.1	217.8	91.7	107.0	19.1
1975	128.9	32.8	0.9	6.8	25.2	9.6	15.6	96.0	236.5	91.7	125.4	19.5
1980	116.3	33.3	0.9	6.6	25.8	9.3	16.5	83.0	227.4	84.3	126.5	16.7
1981	120.4	35.3	1.0	7.4	27.0	9.6	17.3	85.1	226.0	87.9	121.0	17.1
1982	116.8	34.3	0.8	7.1	26.4	9.3	17.1	82.5	208.2	78.2	113.9	16.2
1983	107.9	31.0	0.8	6.0	24.1	8.0	16.2	76.9	189.8	70.0	105.2	14.6
1984	102.8	31.0	0.9	5.8	24.3	8.7	15.5	71.8	178.7	64.1	99.4	15.2
1985	99.4	30.0	0.7	5.1	24.2	8.3	15.9	69.4	174.4	62.7	97.5	14.2
1986	95.6	28.1	0.7	5.1	22.3	7.9	14.4	67.5	170.0	61.5	93.5	15.0
1987	98.0	29.3	0.8	5.3	23.3	8.0	15.2	68.7	173.9	62.1	95.7	16.0
1988	100.1	29.6	0.6	5.3	23.7	8.7	15.0	70.5	169.6	61.9	90.2	17.5

¹ Rate per 1,000 persons, 12 years old and over; and per 1,000 households.

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 301. Crimes Against the Elderly—Number and Rate, by Type: 1973 to 1988

[Covers persons 65 years old and over. Data based on National Crime Survey; see text, section 5, and Appendix III]

YEAR	PERSONAL SECTOR							HOUSEHOLD SECTOR				
	Total	Violent crimes				Crimes of theft			Total	Burglary	Larceny	Motor vehicle theft
		Total	Rape ¹	Robbery	As-sault	Total ²	Purse snatching	Pocket picking				
NUMBER (1,000)												
1973	625.8	173.0	2.4	101.3	69.3	452.8	29.8	37.1	1,467.2	748.8	644.8	73.6
1980	768.6	165.9	2.8	82.5	80.7	602.7	33.4	56.2	1,826.5	802.1	960.1	64.3
1981	752.6	195.1	2.7	99.3	93.1	557.5	21.1	51.6	2,109.6	921.1	1,077.2	111.3
1982	738.7	146.3	1.5	68.0	76.8	592.4	34.0	45.6	1,744.3	709.4	946.4	88.5
1983	741.6	144.3	1.4	63.9	78.9	597.3	32.8	53.8	1,695.1	754.2	860.2	80.7
1984	660.1	128.7	1.4	57.5	69.8	531.4	21.9	42.9	1,622.1	669.5	851.6	101.0
1985	627.6	122.7	1.5	42.8	78.4	504.9	14.1	57.8	1,455.7	609.5	758.4	87.8
1986	639.2	124.8	-	46.1	78.7	514.4	19.4	49.4	1,477.4	628.4	767.9	81.1
1987	683.5	138.6	6.0	48.8	83.8	544.9	33.2	45.0	1,569.9	664.4	811.1	94.5
1988	645.9	118.7	-	48.2	70.6	527.2	29.8	46.3	1,528.3	651.3	748.1	128.9
RATE ³												
1973	30.7	8.5	0.1	5.0	3.4	22.2	1.5	1.8	107.9	55.1	47.4	5.4
1980	31.4	6.8	0.1	3.4	3.3	24.6	1.4	2.3	109.8	48.2	57.7	3.9
1981	30.1	7.8	0.1	4.0	3.7	22.3	0.8	2.1	124.2	54.2	63.4	6.6
1982	28.9	5.7	0.1	2.7	3.0	23.2	1.3	1.8	100.5	40.9	54.5	5.1
1983	28.4	5.5	0.1	2.5	3.0	22.9	1.3	2.1	94.8	42.2	48.1	4.5
1984	24.9	4.9	0.1	2.2	2.6	20.0	0.8	1.6	88.4	36.5	46.4	5.5
1985	23.1	4.5	0.1	1.6	2.9	18.6	0.5	2.1	78.1	32.7	40.7	4.7
1986	23.0	4.5	0.0	1.7	2.8	18.5	0.7	1.8	78.2	33.3	40.6	4.3
1987	24.1	4.9	0.2	1.7	3.0	19.2	1.2	1.6	81.6	34.5	42.2	4.9
1988	22.4	4.1	0.0	1.7	2.4	18.3	1.0	1.6	77.7	33.1	38.1	6.6

¹ Yearly estimates are based on fewer than 10 sample cases. ² Includes personal thefts without contact not shown separately. ³ Rate per 1,000 persons 65 years old and over; and per 1,000 households headed by persons 65 years old and over. Source: U.S. Bureau of Justice Statistics, *Crime and the Elderly*, December 1981 and unpublished data.

No. 302. Victimization Rates for Crimes Against Persons: 1973 to 1988

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see text, section 5, and Appendix III. Totals exclude personal larceny]

YEAR	Total ¹	White	Black	Hispanic ²	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
					White	Black	Hispanic ²	White	Black	Hispanic ²	Stranger	Non-stranger
1973	33	32	42	36	43	53	53	21	32	22	22	11
1980	33	32	41	40	43	53	54	22	31	27	21	12
1981	35	33	50	39	44	61	53	23	40	26	23	12
1982	34	33	44	40	42	57	49	25	33	32	22	12
1983	31	30	41	38	39	50	48	21	33	29	18	13
1984	31	30	41	35	38	51	45	22	33	26	17	14
1985	30	29	38	30	38	47	33	21	31	27	18	12
1986	28	28	33	27	35	39	39	21	29	15	16	12
1987	29	28	42	39	36	52	44	20	34	35	17	13
1988	30	28	40	35	34	47	(NA)	22	35	(NA)	18	12

NA Not available. ¹ Includes races not shown separately. ² Hispanic persons may be of any race.

No. 303. Crime Incidents by Place and Time of Occurrence and Injury: 1988

INCIDENT CHARACTERISTICS	Rape	ROBBERY			ASSAULT			Personal larceny with contact
		Total	Completed	Attempted	Total	Aggravated	Simple assault	
Incidents, total	123,850	965,070	623,470	341,590	4,191,700	1,478,600	2,713,090	489,360
PERCENT DISTRIBUTION								
Place of occurrence	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Inside own home	25.0	14.1	18.1	6.8	15.1	13.9	15.7	4.0
Near own home, on the street near home	13.1	10.5	11.6	18.3	11.7	10.5	12.4	12.5
Friend's, relative's, or neighbor's home	14.9	3.4	3.9	2.5	7.4	8.0	7.1	2.5
Inside commercial property	7.5	6.7	6.6	6.7	15.5	12.6	17.0	31.9
In parking lot or garage	7.9	11.6	11.8	11.2	8.8	10.8	7.7	5.8
Inside school, on school property	1.6	6.2	7.0	1.7	10.0	4.5	12.9	17.4
In park, field, or playground	6.6	3	1.5	5.8	3.6	5.1	2.7	0.8
On street not near own or friend's home	20.2	37.8	33.9	45.0	18.8	23.8	16.2	29.8
Other	13.1	6.9	5.6	9.2	9.2	10.9	8.3	15.3
Time of occurrence	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Daytime (6 a.m.—6 p.m.)	41.3	43.6	44.3	42.5	48.2	42.8	51.1	64.2
Nighttime	58.7	56.2	55.4	57.5	51.6	57.0	48.7	34.6
Percent of incidents:								
Involving the presence of a weapon	26.6	47.3	47.1	47.6	33.1	93.8	(X)	(X)
Resulting in victim injury	(NA)	35.6	38.4	30.3	30.2	32.8	28.7	(X)

NA Not available. X Not applicable. ¹ Estimate based on about ten or fewer sample cases.

Source of tables 302 and 303: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 304. Households Touched by Crime, 1981 and 1989, and by Characteristic, 1989

[A household is considered "touched by crime" if during the year it experienced a burglary, auto theft or household theft or if a household member was raped, robbed, or assaulted, or a victim of personal theft, no matter where the crime occurred. Data based on the National Crime Survey; see text, section 5, and Appendix III]

TYPE OF CRIME	1981		1989, prel.						
	Number (1,000)	Percent touched	Number (1,000)	Percent touched					
				Total ¹	White	Black	Urban	Sub-urban	Rural
Total²	24,863	30.0	23,520	24.9	24.3	29.1	31.2	24.2	17.2
Violent crime	4,850	5.9	4,624	4.9	4.7	6.4	6.2	4.7	3.3
Rape	165	0.2	124	0.1	0.1	0.2	0.2	0.1	0.1
Robbery	1,117	1.3	968	1.0	0.9	2.2	1.7	0.9	0.4
Assault	3,890	4.7	3,722	3.9	3.9	4.4	4.6	4.0	2.9
Theft	17,705	21.4	16,848	17.8	17.7	18.7	22.1	17.6	12.0
Burglary	6,101	7.4	4,791	5.1	4.8	7.4	6.5	4.6	3.9
Motor vehicle theft	1,285	1.6	1,558	1.6	1.5	2.8	2.7	1.5	0.6

¹ Includes other races not shown separately. ² Types of crime will not add to "total" since each household may report as many crime categories as experienced.

Source: U.S. Bureau of Justice Statistics, *Households Touched by Crime*, annual.

No. 305. Reported Child Neglect and Abuse Cases, by Division: 1980 to 1987

[Represents total number of child maltreatment reports documented within the States, including substantiated and unsubstantiated reports. Derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, conducted by the American Association for Protecting Children, a division of the American Humane Association, and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. Also the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Data for 1988 are not available as no survey was taken. For composition of divisions, see fig. 1, inside front cover]

YEAR	U.S., total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Pacific
Total number of reports (1,000):										
1980	785.1	48.3	91.8	105.3	77.7	154.5	58.2	69.7	37.7	141.8
1981	846.2	39.0	101.9	110.5	85.7	174.8	66.1	88.4	37.3	142.5
1982	924.1	49.9	105.5	126.0	96.8	182.1	75.4	95.8	41.5	151
1983	1,001.4	58.5	101.0	141.6	93.8	228.5	62.3	103.0	49.5	163.3
1984	1,155.6	55.2	145.6	182.7	107.9	205.4	93.0	116.0	60.0	189.8
1985	1,299.4	59.9	152.2	208.7	107.7	225.0	121.6	128.3	77.6	218.4
1986	1,973.4	95.8	228.1	313.5	207.9	299.2	123.6	188.1	98.9	418.3
1987	2,025.2	99.8	242.5	334.6	180.6	293.4	127.5	174.9	128.2	443.7
Reports per 1,000 population:										
1980	3.5	3.9	2.5	2.5	4.5	4.2	4.0	2.9	3.3	4.4
1981	3.7	3.1	2.8	2.6	5.0	4.6	4.5	3.6	3.2	4.4
1982	4.0	4.0	2.9	3.0	5.6	4.8	5.1	3.8	3.4	4.6
1983	4.3	4.7	2.7	3.4	5.4	5.9	4.2	4.0	4.0	4.8
1984	4.9	4.4	3.9	4.4	6.2	5.2	6.2	4.4	4.8	5.5
1985	5.4	4.7	4.1	5.0	6.1	5.6	8.0	4.8	6.1	6.2
1986	8.2	7.5	6.1	7.5	11.8	7.3	8.1	7.0	7.6	11.7
1987	8.3	7.8	6.5	8.0	10.2	7.0	8.3	6.5	9.7	12.1

Source: American Humane Association, Denver, CO, *National Analysis of Official Child Neglect and Abuse Reporting*, annual, and unpublished data.

No. 306. Child Maltreatment Cases Reported—Summary: 1976 to 1986

[In percent, except as indicated. Total number of children reported is generally a duplicate count in that a child may be reported and therefore enumerated more than once each year. Because of differences in enumeration methods, a relatively small number of States (5 to 10) can provide only unduplicated reports, whereas most States provide only duplicated counts]

ITEM	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of children reported (1,000):	669	838	836	988	1,154	1,225	1,262	1,477	1,727	1,928	2,086
Rate per 10,000 children	101	128	129	154	181	194	201	236	273	306	328
Type of maltreatment:											
Deprivation of necessities	70.7	64.0	62.9	63.1	60.7	59.4	62.5	58.4	54.6	53.6	54.9
Minor physical injury	18.9	20.8	21.2	15.4	19.8	20.4	16.8	18.5	17.7	17.8	13.9
Sexual maltreatment	3.2	6.1	6.6	5.8	6.8	7.5	6.9	8.5	13.3	13.8	15.7
Emotional maltreatment	21.6	25.4	23.8	14.9	13.5	11.9	10.0	10.1	11.2	11.5	8.3
Other maltreatment	11.2	11.6	11.3	15.8	14.7	19	16.3	16.7	16.5	13.8	21.6
Characteristics of child involved:											
Age, average (years)	7.7	7.6	7.4	7.5	7.3	7.2	7.1	7.1	7.2	7.2	7.2
Sex: Male	50.0	49.9	49.4	49.5	49.8	49.2	49.5	48.9	48.0	47.6	47.5
Female	50.0	50.1	50.6	50.5	50.2	50.5	50.5	51.1	52.0	52.4	52.5
Characteristics of perpetrator:											
Age, average (years)	32.3	31.7	31.7	32.0	31.4	33.8	31.2	31.3	31.5	31.6	31.7
Sex: Male	39.0	39.2	39.0	38.1	41.2	39.3	38.6	40.4	43.0	44.1	44.1
Female	61.0	60.8	61.0	61.9	58.8	60.7	61.4	59.6	57.0	55.9	55.9

Source: American Humane Association, Denver, CO, *National Study on Child Neglect and Abuse Reporting*, annual.

No. 307. Persons Arrested, by Charge, Sex, and Age: 1989

[Represents arrests (not charges) reported by 10,503 agencies (reporting 12 months) with a total 1989 population of 200 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT DISTRIBUTION							
		Male	Under 15 years	Under 18 years	18-24 years	25-44 years	45-64 years	55-64 years	65 yr. and over
Total arrests	11,261	82.0	5.2	15.5	30.5	46.8	4.7	1.8	0.7
Serious crimes¹	2,345	78.9	11.0	27.3	28.8	38.4	3.4	1.4	0.8
Murder and nonnegligent manslaughter	18	88.1	1.6	12.3	36.5	43.3	4.6	2.2	1.1
Forcible rape	31	98.8	5.6	15.4	28.2	49.1	4.7	1.8	0.8
Robbery	134	91.4	6.6	23.0	36.7	38.6	1.3	0.3	0.1
Aggravated assault	355	86.6	4.0	13.3	28.0	51.0	5.2	1.9	0.8
Burglary	357	91.3	12.6	31.9	32.8	33.3	1.5	0.4	0.1
Larceny—theft	1,254	69.6	12.9	28.7	26.5	38.1	3.8	1.8	1.1
Motor vehicle theft	183	89.8	11.2	40.9	32.2	25.4	1.2	0.3	0.1
Arson	15	86.4	29.7	43.4	20.6	30.1	3.9	1.5	0.6
All other nonserious crimes:									
Other assaults	772	84.4	5.7	14.6	27.7	51.0	4.5	1.5	0.6
Forgery and counterfeiting	81	66.2	1.1	7.7	34.7	53.3	3.3	0.8	0.2
Fraud	290	54.3	1.0	3.2	27.6	60.8	5.9	1.7	0.7
Embezzlement	13	61.2	1.0	8.5	35.2	48.8	5.5	1.5	0.3
Stolen property	142	88.3	6.8	25.0	36.5	35.1	2.5	0.7	0.2
Vandalism	248	89.0	19.6	39.3	28.5	29.3	1.9	0.6	0.3
Weapons (carrying, etc.)	181	92.2	4.5	17.5	33.9	41.6	4.5	1.8	0.7
Prostitution and commercialized vice	89	31.0	0.2	1.5	32.0	62.3	2.9	1.0	0.4
Sex offenses ²	83	92.4	8.1	16.3	21.6	48.9	7.5	3.7	1.9
Drug abuse violations	1,076	83.7	1.1	8.4	35.1	53.2	2.6	0.6	0.2
Gambling	17	85.1	0.9	5.6	15.7	44.1	17.6	11.4	5.6
Offenses against family and children	59	82.2	1.3	3.8	24.5	63.8	5.8	1.5	0.6
Driving while intoxicated	1,333	87.8	(2)	1.2	25.7	59.8	8.5	3.6	1.2
Liquor laws	503	81.1	1.9	23.3	56.0	17.2	2.2	1.0	0.4
Drunkenness	668	90.3	0.3	2.6	23.4	57.4	10.0	4.9	1.8
Disorderly conduct	646	81.5	4.6	15.5	33.6	44.5	4.2	1.6	0.7
Vagrancy	30	86.5	2.3	7.9	24.4	55.6	8.3	3.0	0.8
Suspicion	14	84.2	6.0	17.4	29.3	49.4	2.8	0.9	0.3
Curfew, loitering (juveniles)	65	74.3	29.7	100.0	(X)	(X)	(X)	(X)	(X)
Runaways (juveniles)	130	44.0	42.8	100.0	(X)	(X)	(X)	(X)	(X)
All other offenses, except traffic	2,477	83.7	3.0	10.2	32.2	50.8	4.6	1.6	0.7

X Not applicable. ³ Less than .05 percent. ¹ Includes arson arrests, a newly established index offense in 1979.

² Breaking or entering. ³ Buying, receiving, possessing. ⁴ Excludes forcible rape and prostitution, shown separately.

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

No. 308. Drug Use Among Persons Arrested—Percent Testing Positive, by Sex and Selected City: 1989 and 1990

[Based on the Drug Use Forecasting System, which measures drug use among persons arrested for primarily serious nondrug crimes. The program obtains voluntary, confidential urinalysis specimens from a new sample of arrestees each quarter]

CITY	MALES					FEMALES				
	Oct.- Dec. 1989	Jan.- Mar. 1990	Apr.- June 1990	July- Sept. 1990	Oct.- Dec. 1990	Oct.- Dec. 1989	Jan.- Mar. 1990	Apr.- June 1990	July- Sept. 1990	Oct.- Dec. 1990
Birmingham, AL	60	69	69	56	60	43	66	67	74	58
Chicago, IL	71	75	71	75	72	(NA)	(NA)	(NA)	(NA)	(NA)
Cleveland, OH	62	65	49	49	57	(NA)	88	67	(NA)	71
Dallas, TX	60	66	57	51	50	46	70	63	51	56
Denver, CO	(NA)	58	51	35	46	(NA)	62	55	53	52
Detroit, MI	52	59	46	45	56	(NA)	78	70	67	77
Ft. Lauderdale, FL	64	61	66	56	57	56	79	67	66	54
Houston, TX	62	70	71	60	55	48	66	68	49	53
Indianapolis, IN	57	60	49	33	38	46	56	40	28	26
Kansas City, MO	57	57	43	39	42	68	76	56	56	69
Los Angeles, CA	63	70	67	66	56	76	73	71	71	69
New Orleans, LA	68	60	64	62	58	62	65	63	55	56
New York, NY	76	79	69	80	75	72	71	71	70	(NA)
Omaha, NE	(NA)	(NA)	47	22	23	(NA)	(NA)	(NA)	(NA)	(NA)
Philadelphia, PA	81	80	78	73	72	78	81	79	74	69
Phoenix, AZ	57	60	67	45	44	64	69	68	55	47
Portland, OR	68	64	59	57	70	57	76	51	57	56
St. Louis, MO	62	62	62	42	48	61	69	64	52	46
San Antonio, TX	49	63	55	43	44	43	44	36	43	45
San Diego, CA	80	80	80	79	74	74	70	83	75	72
San Jose, CA	59	58	59	49	54	59	64	56	48	61
Washington, D.C.	57	59	53	58	55	72	85	70	72	58

NA Not available.

Source: U.S. National Institute of Justice, *Drug Use Forecasting*, quarterly.

No. 309. Drug Arrest Rates for Drug Abuse Violations, 1980 to 1989, and by Sex and Region, 1989

[Rate per 100,000 inhabitants. Based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. For composition of regions, see fig. 1 inside front cover]

OFFENSE	1980	1985	1988	1989						
				Total	Sex		Region			
					Male	Female	North-east	Mid-west	South	West
Drug arrest rate, total	256.0	346.2	423.4	526.1	903.6	167.2	621.7	312.2	440.4	768.7
Sale and/or manufacture	57.9	82.0	118.8	170.3	297.2	49.6	229.5	142.4	129.3	198.2
Heroin or cocaine	10.8	27.8	75.1	100.6	175.5	29.4	186.8	29.2	76.6	127.4
Marijuana	28.4	36.4	23.6	32.9	58.8	8.2	29.5	34.0	26.9	42.4
Synthetic or manufactured drugs	2.8	2.6	3.5	3.8	6.4	1.4	4.9	2.1	6.1	1.6
Other dangerous nonnarcotic drugs	15.9	15.2	16.7	32.9	56.5	10.6	8.3	77.1	19.7	26.8
Possession	198.1	264.1	304.6	355.8	606.4	117.6	392.2	169.8	311.0	570.5
Heroin or cocaine	22.2	74.4	147.2	182.8	305.3	66.3	232.3	52.3	131.8	336.9
Marijuana	146.2	156.1	118.5	121.3	218.3	29.1	136.2	88.8	146.2	109.4
Synthetic or manufactured drugs	6.7	5.6	7.9	7.4	12.2	2.9	7.4	3.5	13.6	3.6
Other dangerous nonnarcotic drugs	23.0	28.1	31.0	44.3	70.6	19.3	16.4	25.1	19.4	120.6

¹ Includes other derivatives such as morphine, heroin, and codeine.

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

No. 310. Drug Removals, Laboratory Seizures, and Persons Indicted, by DEA: 1984 to 1989

[Represents domestic drug removals. 1 kg = .454 lbs; du = dosage unit. Minus sign (—) indicates decrease]

ITEM	Unit	1984	1985	1986	1987	1988	1989	PERCENT CHANGE	
								1984-89	1988-89
Domestic drug removals:									
Heroin	kg.	346	447	382	382	829	776	124.3	6.4
Cocaine	kg.	11,742	18,129	26,954	37,405	57,113	82,438	602.1	44.3
Cannabis (Marijuana)	1,000 kg.	1,400	745	711	649	602	336	-76.0	-44.2
Dangerous drugs	mil. du.	14	26	32	34	114	109	678.6	-4.4
Clandestine laboratory seizures	Number	290	338	509	682	810	852	193.8	5.2
Narcotic Title III intercepts	Number	83	136	79	93	129	192	131.3	48.8
Asset removals:									
Total seizures	\$1,000	150,975	246,344	401,415	504,397	671,290	975,884	546.4	45.4
DEA seizures	\$1,000	92,545	171,888	310,730	402,071	483,355	659,802	613.0	36.5
Seizures through interagency cooperation	\$1,000	58,431	74,456	90,684	102,308	187,936	316,082	440.9	68.2
Arrests	Number	13,126	15,727	18,687	21,869	23,994	25,718	95.9	7.2
Convictions	Number	10,809	10,519	12,028	12,427	13,091	15,917	47.3	21.6

Source: Drug Enforcement Administration (DEA), *Annual Statistical Report*.

No. 311. Authorized Intercepts of Communication—Summary: 1970 to 1989

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

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Jurisdictions: ¹													
With wiretap statutes	19	24	26	28	29	29	31	31	32	32	33	34	37
Reporting interceptions	12	18	20	22	22	22	20	24	22	24	22	23	25
Intercept applications authorized	596	701	553	564	589	578	648	801	784	754	673	738	763
Intercept installations	582	676	533	524	562	518	602	773	722	676	634	678	720
Federal	179	106	87	79	106	129	205	277	235	247	233	286	305
State	403	570	446	445	456	389	397	496	487	429	401	392	415
Intercepted communications, avg. ²	656	654	866	1,058	848	1,082	1,107	1,209	1,320	1,328	1,299	1,251	1,656
Incriminating	296	305	252	315	190	209	229	298	275	253	230	316	337
Persons arrested	1,874	2,234	1,717	1,871	1,735	1,725	1,716	2,393	2,469	2,410	2,226	2,486	2,804
Convictions	151	336	368	259	248	453	521	649	660	761	506	543	706
Major offense specified:													
Gambling	325	408	204	199	156	150	157	186	206	189	135	126	111
Drugs	127	178	250	282	318	333	360	483	434	348	379	435	471
Homicide and assault	21	16	29	13	33	31	31	30	25	34	18	14	20
Other	123	99	70	70	82	64	100	102	119	183	-141	163	161

¹ Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. ² Average per authorized installation. ³ Based on information received from intercepts installed in year shown; additional arrests/convictions will occur in subsequent years but are not shown here.

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

No. 312. Aliens Expelled and Immigration Violations: 1970 to 1989

[For fiscal years ending in year shown. See text, section 9. See also *Historical Statistics, Colonial Times to 1970*, series C 144, C 149, and C 158-160]

ITEM	Unit	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Aliens expelled	1,000	320	679	736	944	931	1,067	1,612	1,117	937	860
Deported.....	1,000	17	23	17	18	18	21	22	22	23	29
Entry without inspection or by false statements.....	Percent	47.6	70.5	84.0	79.4	81.1	80.1	80.4	71.5	67.0	68.8
Required to depart.....	1000	303	656	719	927	913	1,046	1,589	1,094	914	831
Prosecutions disposed of	Number	6,034	14,172	14,863	16,493	17,980	17,688	23,405	18,894	18,360	18,580
Immigration violations.....	Number	5,510	13,947	14,498	15,848	16,989	16,976	22,751	18,200	17,590	17,992
Nationality violations.....	Number	524	225	365	645	991	712	654	694	770	588
Convictions	Number	5,497	12,811	12,935	11,233	10,546	9,833	15,259	11,996	12,208	12,561
Immigration violations.....	Number	4,991	12,676	12,678	10,947	10,237	9,635	15,104	11,786	11,929	12,379
Nationality violations.....	Number	506	135	257	286	309	198	155	210	279	182

No. 313. Immigration Border Patrol and Investigation Activities: 1980 to 1989

[In thousands, except where indicated. For fiscal years ending in year shown. See text, section 9]

ITEM	1980	1985	1988	1989	ITEM	1980	1985	1988	1989
BORDER PATROL					Conveyances examined.....	3,849	4,901	9,479	7,807
Border patrol agents:					Automobiles.....	2,590	3,468	5,137	5,780
Authorized (number).....	2,484	3,228	4,812	4,804	Persons questioned ³	10,844	13,490	20,850	19,806
On duty (number).....	2,329	3,023	4,074	3,857	In automobiles.....	6,328	8,093	14,507	13,325
Border patrol obligations (mil. dol.).....	82.5	141.9	205.3	232.3	Pedestrians.....	1,706	2,063	1,765	1,547
Persons apprehended ¹	766.6	1,272.4	980.5	906.5	Number of seizures.....	1,920	7,827	6,643	10,789
Deportable aliens located ²	759.4	1,262.4	971.1	893.0	Value of seizures (mil. dol.).....	116.1	138.8	745.8	246.0
Mexican.....	734.2	1,218.7	929.8	832.2	Narcotics (mil. dol.).....	110.3	119.1	700.5	191.5
Canadian.....	5.3	5.9	4.3	5.3	INVESTIGATION				
Other.....	19.9	37.8	37.0	55.5	Deportable aliens located.....	150.9	83.9	37	61.1
Aliens located:					Mexican.....	83.3	48.3	19.9	33.1
Previously expelled.....	211.0	372.0	287.7	240.8	Canadian.....	1.5	1.1	0.4	0.5
Previous criminal record.....	11.3	9.8	16.6	17.6	Other.....	66.1	34.5	16.7	28.5

¹ Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations. ² Beginning 1988, includes apprehension by the antismuggling unit. ³ Includes types not shown separately.

Source of tables 312 and 313: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and unpublished data.

No. 314. Law Enforcement Officers Killed, by Division, or Assaulted, by Type of Weapon Used: 1980 to 1989

[Covers officers killed feloniously and accidentally in line of duty; includes Federal officers. 1988 excludes Florida and Kentucky. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

ITEM	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
OFFICERS KILLED										
Total killed.....	¹ 165	² 157	³ 164	⁴ 152	147	⁵ 148	133	148	⁶ 155	⁷ 146
Northeast.....	31	17	17	20	21	19	15	24	17	23
Midwest.....	23	29	41	26	22	23	20	31	18	22
South.....	72	80	75	64	69	64	63	51	77	68
West.....	32	27	27	34	32	29	29	40	39	23
Puerto Rico.....	6	3	3	6	3	10	6	2	-	8
ASSAULTS										
Population (1,000) ⁸	182,288	177,836	176,563	196,341	195,794	198,935	196,030	190,025	186,418	189,641
Number of:										
Agencies represented.....	9,235	9,019	8,829	9,908	10,002	9,906	9,755	8,957	8,866	9,213
Police officers.....	345,554	332,856	319,101	377,620	372,268	389,808	380,249	378,977	368,743	380,232
Total assaulted	⁹ 57,847	¹⁰ 57,116	¹¹ 55,775	¹² 62,324	¹³ 60,153	¹⁴ 61,724	¹⁵ 64,259	¹⁶ 63,842	¹⁷ 58,752	¹⁸ 62,172
Firearm.....	3,295	3,330	2,642	3,067	2,654	2,793	2,852	2,769	2,759	3,154
Knife or cutting instrument.....	1,653	1,733	1,452	1,829	1,662	1,715	1,614	1,561	1,367	1,379
Other dangerous weapon.....	5,415	4,800	4,879	5,527	5,148	5,263	5,721	5,665	5,573	5,778
Hands, fists, feet, etc.....	47,484	47,253	46,802	51,901	50,689	51,953	54,072	53,807	49,053	51,861

¹ Includes one officer in Virgin Islands. ² Includes one officer in American Samoa. ³ Includes one officer in Mariana Islands. ⁴ Includes one officer each in Guam and Mariana Islands. ⁵ Includes one officer in Guam and 2 in foreign locations. ⁶ Includes one officer in American Samoa and 2 in foreign locations. ⁷ Includes 1 officer killed in Guam and 1 Federal officer killed in Peru. ⁸ Represents the number of persons covered by agencies shown.

Source: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

No. 315. Criminal Justice System—Public Expenditures and Employment, by Activity and Level of Government: 1985

[Based on a sample survey of local governments. Data for State governments were compiled from State financial records and for the Federal Government from the *Budget of the United States Government, Fiscal Year 1987*]

TYPE OF GOVERNMENT	Total	Percent change from 1979	ACTIVITY					
			Police protection	Judicial	Legal services	Public defense	Corrections	Other justice
TOTAL EXPENDITURES ¹ (mil. dol.)								
All governments ²	45,607	75.2	22,014	5,780	3,236	1,055	13,034	489
Federal government	5,819	43.1	2,768	852	804	343	779	274
State and local government	39,923	76.3	19,246	4,928	2,432	711	12,328	278
State government	16,013	89.2	3,511	2,262	800	298	6,884	259
Local government	25,373	64.7	16,026	2,841	1,661	433	4,316	96
FULL-TIME EQUIVALENT EMPLOYMENT (1,000)								
All governments ²	1,369	16.2	693	181	90	12	387	6
Federal government	108	4.9	61	15	16	(Z)	14	1
State and local government ²	1,260	17.2	632	166	74	11	373	6
State government	431	31.0	99	61	23	6	239	4
Local government	829	11.1	533	105	51	5	134	2

Z Fewer than 500. ¹ Covers direct and intergovernmental expenditures. ² Totals are adjusted to exclude duplication from intergovernmental expenditures.

Source: U.S. Bureau of Justice Statistics, *Justice Expenditure and Employment in the U.S., 1985*, July 1989.

No. 316. General Purpose Law Enforcement Agencies—Number, Employment, and Expenditures: 1987

[Includes both full-time and part-time employees. State police data are based on the 49 main State police agencies; Hawaii does not have a State police agency. Expenditure data cover fiscal years ending in year stated]

TYPE OF AGENCY	Number of agencies ¹	NUMBER OF EMPLOYEES			EXPENDITURES (mil. dol.)		
		Total	Sworn	Civilian	Total	Operating	Capital
NUMBER							
Total	15,118	757,508	555,364	202,144	28,071.1	26,334.4	1,736.6
Local police	11,989	493,930	376,023	117,907	18,011.3	17,161.4	849.9
Sheriff	3,080	189,234	128,728	60,506	6,857.8	6,200.2	657.6
State police	49	74,344	50,613	23,731	3,202.0	2,972.9	229.1
PERCENT							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Local police	79.3	65.2	67.7	58.3	64.2	65.2	48.9
Sheriff	20.4	25.0	23.2	29.9	24.4	23.5	37.9
State police	0.3	9.8	9.1	11.7	11.4	11.3	13.2

¹ The number of agencies reported here is the result of a weighted sample and not an exact enumeration.

Source: U.S. Bureau of Justice Statistics, *Profile of State and Local Law Enforcement Agencies, 1987*, March 1989.

No. 317. Special Functions of Local Police Agencies: 1987

[Special functions are those functions that go beyond such traditional law enforcement functions as traffic enforcement, accident investigation, crime investigation, patrol, fingerprinting, and communications]

POPULATION SERVED	PERCENT OF ALL AGENCIES THAT REPORTED HAVING PRIMARY RESPONSIBILITY FOR—								
	Animal control	Emergency medical services	Court security	Civil defense	Civil process-serving	Jail operations	Training academy operation	Laboratory testing for drugs	Ballistics work
All sizes	49.9	25.3	21.8	21.1	17.7	12.4	6.5	4.3	2.2
1,000,000 or more	-	30.6	7.6	30.8	7.6	15.4	84.7	76.9	76.9
500,000-999,999	6.9	20.6	10.4	20.6	6.9	10.4	82.8	48.2	55.2
250,000-499,999	16.7	9.5	11.9	14.3	7.1	23.8	85.7	45.3	47.6
100,000-249,999	28.6	17.6	19.1	14.2	8.1	33.0	49.9	16.9	13.9
50,000-99,999	50.0	27.1	33.7	28.6	9.3	25.5	25.7	17.1	3.5
25,000-49,999	51.2	26.4	27.8	21.5	9.2	25.6	9.8	9.6	0.8
10,000-24,999	54.2	27.9	24.6	23.0	11.7	20.8	6.9	4.2	2.1
2,500-9,999	55.2	27.4	23.1	21.5	16.3	12.5	5.2	3.0	1.0
Under 2,500	44.7	22.4	17.9	19.6	23.9	5.1	2.8	2.5	2.1

- Represents zero.

Source: U.S. Bureau of Justice Statistics, *Profile of State and Local Law Enforcement Agencies, 1987*, March 1989.

No. 318. State and Local Government Police Protection and Correction—Employment and Expenditures: 1988

[Employment as of **October**. Expenditures for fiscal years ending between **July 1987** and **June 1988**. Local government data are estimates subject to sampling variation; see Appendix III and source. For composition of regions, see fig. 1, inside front cover.]

REGION, DIVISION, AND STATE	FULL-TIME EQUIVALENT EMPLOYMENT					EXPENDITURES			
	Total	Police protection	Correction	Per 10,000 population ¹		Total ² (mil. dol.)	Per capita (dol.)	Police protection (mil. dol.)	Correction (mil. dol.)
				Police protection	Correction				
United States . . .	1,106,891	671,654	435,237	27.3	17.7	56,453	230	26,277	18,963
Northeast	261,433	162,186	99,247	32.1	19.6	13,876	274	6,432	4,542
New England	52,863	36,796	16,067	28.4	12.4	2,833	219	1,421	790
Maine	4,228	2,777	1,451	23.0	12.0	171	142	79	59
New Hampshire	3,823	2,756	1,067	25.4	9.8	192	177	95	49
Vermont	1,801	1,224	577	22.0	10.4	81	145	39	22
Massachusetts	25,295	17,881	7,414	30.4	12.6	1,443	245	716	409
Rhode Island	3,999	2,803	1,196	28.2	12.0	201	203	102	52
Connecticut	13,717	9,355	4,362	28.9	13.5	745	230	390	199
Middle Atlantic	208,570	125,390	83,180	33.3	22.1	11,043	294	5,011	3,752
New York	118,463	66,261	52,202	37.0	29.1	6,865	383	3,032	2,500
New Jersey	46,736	30,476	16,260	39.5	21.1	2,125	275	1,054	629
Pennsylvania	43,371	28,653	14,718	23.9	12.3	2,053	171	926	623
Midwest	232,156	153,034	79,122	25.6	13.2	11,363	190	5,660	3,384
East North Central	189,564	112,153	57,411	26.6	13.6	8,520	202	4,250	2,577
Ohio	38,432	24,947	13,485	23.0	12.4	2,126	196	964	729
Indiana	19,074	12,306	6,768	22.1	12.2	727	131	342	239
Illinois	54,485	38,541	15,944	33.2	13.7	2,435	210	1,370	604
Michigan	39,440	23,463	15,977	25.4	17.3	2,292	248	1,052	770
Wisconsin	18,133	12,896	5,237	26.6	10.8	940	194	521	234
West North Central	62,592	40,881	21,711	23.0	12.2	2,843	160	1,410	807
Minnesota	12,949	8,564	4,385	19.9	10.2	801	186	383	230
Iowa	8,317	5,713	2,604	20.2	9.2	409	144	196	108
Missouri	21,186	13,665	7,521	26.6	14.6	837	163	442	246
North Dakota	1,784	1,303	481	19.5	7.2	82	123	37	20
South Dakota	2,212	1,497	715	21.0	10.0	91	127	46	25
Nebraska	5,826	3,619	2,207	22.6	13.8	226	141	113	65
Kansas	10,318	6,520	3,798	26.1	15.2	397	159	193	113
South	378,897	218,604	160,293	25.8	18.9	16,229	192	7,541	5,720
South Atlantic	210,522	116,902	93,620	27.6	22.1	9,517	224	4,332	3,484
Delaware	3,349	1,769	1,580	26.8	23.9	171	260	76	55
Maryland	25,305	14,041	11,264	30.4	24.4	1,232	267	551	462
District of Columbia	8,291	4,594	3,697	73.4	59.1	591	958	231	255
Virginia	27,646	14,136	13,510	23.5	22.5	1,227	204	553	449
West Virginia	4,511	3,184	1,327	17.0	7.1	169	90	81	43
North Carolina	26,889	15,728	11,161	24.2	17.2	1,149	177	511	463
South Carolina	16,004	8,335	7,669	24.0	22.1	560	161	230	255
Georgia	29,158	16,532	12,626	26.1	19.9	1,186	187	529	459
Florida	69,369	38,583	30,786	31.3	25.0	3,231	262	1,570	1,043
East South Central	54,880	33,814	21,066	22.0	13.7	2,154	140	993	736
Kentucky	11,941	7,326	4,615	19.7	12.4	523	140	228	178
Tennessee	19,927	11,435	8,492	23.4	17.3	771	157	343	298
Alabama	14,699	9,556	5,143	23.3	12.5	595	145	274	192
Mississippi	8,313	5,497	2,816	21.0	10.7	266	101	147	69
West South Central	113,495	67,888	45,607	25.2	17.0	4,558	170	2,216	1,501
Arkansas	7,416	4,782	2,634	20.0	11.0	246	103	125	72
Louisiana	20,021	12,090	7,931	27.4	18.0	850	193	426	253
Oklahoma	13,262	8,632	4,630	26.6	14.3	485	149	229	176
Texas	72,796	42,384	30,412	25.2	18.1	2,978	177	1,437	1,000
West	234,405	137,830	96,575	27.2	19.1	14,985	296	6,644	5,317
Mountain	60,676	37,186	23,490	27.9	17.6	3,186	239	1,493	1,047
Montana	2,824	1,811	1,013	22.5	12.6	123	153	62	30
Idaho	3,383	2,434	949	24.3	9.5	148	147	75	42
Wyoming	2,365	1,633	732	34.1	15.3	109	227	58	27
Colorado	13,724	8,941	4,783	27.1	14.5	768	233	383	225
New Mexico	7,734	4,438	3,296	29.4	21.9	318	211	147	112
Arizona	18,929	10,232	8,697	29.3	24.9	1,045	300	480	354
Utah	5,391	3,596	1,795	21.3	10.6	288	170	137	91
Nevada	6,326	4,101	2,225	38.9	21.1	387	367	150	167
Pacific	173,729	100,644	73,085	26.9	19.6	11,799	316	5,151	4,270
Washington	17,917	10,081	7,836	21.7	16.9	938	202	428	318
Oregon	10,346	6,174	4,172	22.3	15.1	588	212	284	173
California	138,148	79,868	58,280	28.2	20.6	9,709	343	4,211	3,614
Alaska	2,803	1,562	1,241	29.8	23.7	293	559	109	93
Hawaii	4,515	2,959	1,556	26.9	14.2	273	248	118	72

¹ Based on resident population as of July 1. ² Includes judicial and legal, not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and *Government Finances*, series GF, annual.

No. 319. Lawyers—Selected Characteristics: 1954 to 1985

[See headnote, table 320. See also *Historical Statistics, Colonial Times to 1970*, series H 1028-1062]

CHARACTERISTIC	1954	1957	1960	1963	1966	1970	1980	1985
All lawyers ¹	241,514	262,320	285,933	296,069	316,656	355,242	542,205	655,191
Lawyers reporting ²	221,600	235,783	252,385	268,782	289,404	324,818	(X)	(X)
Male	216,564	229,433	245,897	261,639	281,336	315,715	498,019	569,649
Female	5,036	6,350	6,488	7,143	8,068	9,103	44,185	85,542
Status in practice: ³								
Government	21,279	24,245	25,621	29,314	31,280	35,803	50,490	53,035
Federal	9,040	12,458	13,045	15,113	16,284	18,710	20,132	19,989
State	3,561	4,000	4,316	6,486	7,416	9,293	30,358	33,046
City or county	8,678	7,787	8,260	7,715	7,580	7,800		
Judicial	7,903	7,910	8,180	8,748	9,712	10,349	19,160	21,677
Federal	621	769	599	707	800	878	2,611	3,003
State and county	5,041	5,056	5,301	5,712	6,823	7,548	16,549	18,674
City	2,241	2,085	2,260	2,329	2,089	1,923		
Private practice	189,423	188,955	192,353	200,586	212,662	236,085	370,111	460,206
Individual	127,389	122,389	116,911	113,127	113,273	118,963	179,923	216,336
Partner	51,668	54,966	60,709	70,064	78,544	92,442	190,187	177,392
Associate	10,366	11,600	14,733	17,395	20,845	24,680		66,478
Salaried	16,648	21,054	25,198	29,510	33,222	40,486	73,862	83,843
Private industry	15,063	18,911	22,533	26,492	29,405	33,593	54,626	63,622
Educational institutions	1,351	1,504	1,798	2,100	2,717	3,732	6,606	7,254
Other private employment	234	639	867	918	1,100	3,161	12,630	12,967
Inactive or retired	6,581	7,661	10,887	12,024	14,881	16,812	28,582	36,430

X Not applicable. ¹ 1954-1970 includes lawyers not reporting and an adjustment (subtraction) for duplications; 1980 and 1985 weighted to account for non-reporters and duplicate listings. ² 1954-1970 includes duplications; 1980 and 1985 figures are weighted to adjust for duplication of entries. ³ 1954-1970, in cases where more than one subentry was applicable, the individual was tabulated in each. In 1980 and 1985 lawyers who were in both private practice and government service are coded in private practice. ⁴ Associates are lawyers designated as such by their employers.

Source: American Bar Foundation, Chicago, IL, 1954-1970, *The 1971 Lawyer Statistical Report*, 1971 (copyright); 1980, *The Lawyer Statistical Report: A Statistical Profile of the U.S. Legal Profession in the 1980s*, 1985 (copyright); and 1985, *Supplement to The Lawyer Statistical Report: The U.S. Legal Profession in 1985, 1986* (copyright).

No. 320. Lawyers, by State: 1970 to 1985

[Data based on 1971, 1980, and 1985 editions of *Martindale-Hubbell Law Directory*. Represents all persons who are members of the bar, including those in industries, educational institutions, etc., and those inactive or retired]

STATE	1970 ¹	1980 ²	1985			STATE	1970 ¹	1980 ²	1985		
			Total ²	In private practice ²	Population per lawyer ³				Total ²	In private practice ²	Population per lawyer ³
U.S. ⁴	324,818	542,205	655,191	460,206	360	MO	7,230	10,731	12,439	8,531	403
AL	3,291	5,466	6,679	4,747	597	MT	978	1,617	2,006	1,432	411
AK	443	1,355	1,749	1,191	286	NE	2,481	3,722	4,289	2,876	374
AZ	2,618	5,657	7,535	5,248	405	NV	739	1,771	2,276	1,561	400
AR	1,969	3,188	3,741	2,586	628	NH	791	1,678	2,139	1,570	457
CA	31,580	64,840	82,001	60,719	312	NJ	11,126	18,400	23,301	16,429	323
CO	4,197	8,652	11,174	7,991	284	NM	1,201	2,508	3,164	2,302	450
CT	5,398	8,930	11,397	7,342	277	NY	48,312	62,745	72,575	52,130	244
DE	733	1,332	1,597	896	384	NC	4,367	7,459	9,265	6,520	665
DC	15,501	25,465	28,399	12,617	22	ND	728	1,101	1,290	888	532
FL	10,917	23,521	30,444	21,709	361	OH	15,349	23,949	27,191	19,125	395
GA	5,517	11,087	13,652	10,097	428	OK	4,637	7,034	8,302	5,923	397
HI	857	2,027	2,787	2,019	373	OR	2,996	5,803	7,365	5,337	362
ID	803	1,706	2,031	1,370	493	PA	13,557	22,672	27,798	20,393	426
IL	20,404	32,421	37,873	26,463	304	RI	1,284	2,070	2,527	1,909	381
IN	5,447	8,443	9,499	6,862	579	SC	2,236	4,195	5,021	3,755	657
IA	3,820	5,550	6,182	4,339	471	SD	812	1,125	1,230	860	574
KS	3,126	4,759	5,555	3,828	439	TN	4,770	7,802	8,762	6,206	537
KY	3,625	6,200	7,017	4,941	531	TX	17,217	30,151	39,028	28,184	479
LA	5,089	8,752	10,569	8,272	422	UT	1,309	2,480	3,446	2,565	376
ME	1,068	2,062	2,528	1,848	457	VT	581	1,095	1,372	979	386
MD	6,619	10,648	12,866	8,405	338	VA	6,401	10,895	13,390	9,031	421
MA	11,316	18,537	22,154	16,579	262	WA	4,466	8,468	11,507	8,411	378
MI	10,569	17,443	20,445	14,501	444	WV	1,719	2,566	2,835	2,033	689
MN	5,481	9,433	11,343	7,767	367	WI	6,177	9,117	10,315	7,187	462
MS	2,517	3,850	4,270	3,198	608	WY	449	927	1,116	755	458

¹ Represents lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers. ² Weighted to account for non-reporters and duplicate listings. ³ Based on Bureau of the Census estimated resident population, including Armed Forces station in area as of July 1, 1984. ⁴ Total for U.S. counts each lawyer only once regardless of the number of offices maintained by the lawyer. If, however, a lawyer maintains an office in more than one State, the lawyer is included in the total shown for each State in which the lawyer maintains an office.

Source: American Bar Foundation, Chicago, IL, *The 1971 Lawyer Statistical Report*, 1971 (copyright); 1980, *The Lawyer Statistical Report: A Statistical Profile of the U.S. Legal Profession in the 1980s*, 1985 (copyright); and 1985, *Supplement to The Lawyer Statistical Report: The U.S. Legal Profession in 1985, 1986* (copyright).

No. 321. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1989

[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	1975	1980	1983	1984	1985	1986	1987	1988	1989 ¹
Total cases on docket	4,212	4,761	5,144	5,100	5,006	5,158	5,123	5,268	5,657	4,990
Appellate cases on docket	1,903	2,352	2,749	2,688	2,575	2,571	2,547	2,577	2,587	2,108
From prior term	325	431	527	520	539	400	476	440	446	384
Docketed during present term	1,578	1,921	2,222	2,168	2,036	2,171	2,071	2,137	2,141	1,724
Cases acted upon ²	1,613	1,900	2,324	2,220	2,253	2,185	2,189	2,224	2,271	1,709
Granted review	214	244	167	140	167	166	152	157	130	79
Denied, dismissed, or withdrawn	1,285	1,538	1,999	1,902	1,953	1,863	1,876	1,919	1,973	1,541
Summarily decided	114	118	90	71	59	78	71	66	75	21
Cases not acted upon	290	452	425	468	322	386	358	353	316	399
Pauper cases on docket	2,289	2,395	2,371	2,394	2,416	2,577	2,564	2,675	3,056	2,868
Cases acted upon ²	1,802	1,997	2,027	1,992	2,087	2,189	2,250	2,263	2,638	2,246
Granted review	41	28	17	9	18	20	15	23	17	14
Denied, dismissed, or withdrawn	1,683	1,903	1,968	1,968	2,050	2,136	2,186	2,210	2,577	2,193
Summarily decided	78	66	32	10	14	24	38	21	32	26
Cases not acted upon	487	398	344	402	329	388	314	412	418	622
Original cases on docket	20	14	24	18	15	10	12	16	14	14
Cases disposed of during term	7	7	7	7	8	2	1	5	2	1
Total cases available for argument	267	280	264	269	271	275	270	280	254	175
Cases disposed of	160	181	162	189	184	175	179	175	173	144
Cases argued	151	179	154	184	175	171	175	167	170	144
Cases dismissed or remanded without argument	9	2	8	5	9	4	4	8	3	-
Cases remaining	107	99	102	80	87	101	91	105	81	31
Cases decided by signed opinion	126	160	144	174	159	161	164	151	156	78
Cases decided by per curiam opinion	22	16	8	6	11	10	10	9	12	3
Number of signed opinions	109	138	123	151	139	146	145	139	133	68

¹ Status as of May 1990. ² Beginning 1980, includes cases granted review and carried over to next term, not shown separately.

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

No. 322. U.S. Courts of Appeals—Cases Commenced and Disposition: 1970 to 1989

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

ITEM	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Cases commenced¹	11,662	16,658	23,200	29,630	31,490	33,380	34,292	35,176	37,524	39,734
Criminal	2,660	4,187	4,405	4,790	4,881	4,989	5,134	5,260	6,012	8,020
U.S. civil	2,167	2,981	4,654	5,820	6,259	6,744	6,415	6,292	6,210	6,349
Private civil	4,834	6,511	10,200	14,429	15,466	16,827	17,876	19,246	20,464	20,626
Administrative appeals	1,522	2,290	2,950	3,069	3,045	3,179	3,187	2,723	3,043	2,965
Cases terminated¹	10,899	16,000	20,887	28,660	31,185	31,387	33,774	34,444	35,888	37,372
Criminal	2,581	4,005	3,993	4,777	4,876	4,892	5,134	5,039	5,284	6,297
U.S. civil	1,912	3,094	4,346	5,585	6,074	6,363	6,535	6,227	6,386	6,127
Private civil	4,367	6,252	8,942	13,710	15,309	15,743	17,276	18,338	19,798	20,313
Administrative appeals	1,407	1,909	2,643	3,260	3,212	2,760	3,235	3,237	2,625	2,914
Cases disposed of²	6,139	9,077	10,607	13,217	14,327	16,389	18,199	18,502	19,178	19,322
Affirmed or granted	4,626	6,763	8,017	10,174	10,961	12,286	13,398	13,681	14,953	15,240
Reversed or denied	1,280	1,632	1,845	2,173	2,382	2,770	3,249	2,924	2,664	2,617
Other	233	682	745	870	984	1,313	1,552	1,897	1,561	1,465
Median months ³	8.2	7.4	8.9	8.6	8.3	10.3	10.3	10.3	10.1	10.3

¹ Includes original submission. Beginning filing of complete record of median, see Guide to Tabular Presentation.

after hearing or figure is from For definition

No. 323. U.S. District Courts—Civil and Criminal Cases: 1970 to 1989

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

ITEM	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Civil cases: Commenced	87.3	117.3	168.8	241.8	261.5	273.7	254.8	239.0	239.6	233.5
Cases terminated ¹	79.5	103.8	155.0	213.6	241.8	268.6	265.8	237.5	238.1	234.6
No court action	31.1	39.2	68.7	99.0	113.9	129.4	122.2	97.8	79.6	64.3
Court action, total	48.4	64.6	86.2	114.6	127.9	139.2	143.6	139.7	158.6	170.4
Before pretrial	29.4	40.3	53.8	75.9	86.1	95.5	101.9	95.3	114.7	129.7
Pretrial	11.0	15.6	22.4	27.1	29.6	31.1	29.9	32.5	32.2	29.5
Trials	8.0	8.7	10.1	11.6	12.1	12.6	11.7	11.8	11.6	11.2
Percent reaching trial	10.0	8.4	6.5	5.4	5.0	4.7	4.4	5.0	4.9	4.8
Criminal cases: Commenced²	38.1	41.1	28.0	34.9	35.9	38.5	40.4	42.2	43.5	44.9
Defendants disposed of ³	36.4	49.2	36.6	43.3	44.5	47.4	50.0	54.2	52.8	54.6
Not convicted	8.2	11.8	8.0	7.7	8.4	8.8	9.3	10.2	9.7	10.1
Convicted	28.2	37.4	28.6	35.6	36.1	38.5	40.7	43.9	42.9	44.5
Imprisonment	12.4	17.3	13.2	17.9	17.7	18.7	20.6	23.3	22.5	24.9
Probation	11.4	17.9	11.1	14.1	13.9	14.4	15.2	16.0	16.1	15.0
Fine and other	4.4	2.2	4.4	3.6	4.5	5.4	4.9	4.6	4.4	4.7

¹ Excludes land condemnation cases. ² Excludes transfers. ³ Beginning 1975, includes DC; beginning 1980, includes Guam, Virgin Islands, and Northern Mariana Islands; 1980 through 1982 includes Canal Zone.

Source of tables 322 and 323: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 324. U.S. District Courts—Civil Cases Commenced and Pending: 1980 to 1989

[For years ending June 30]

TYPE OF CASE	CASES COMMENCED					CASES PENDING				
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989
Cases total ¹	168,789	273,670	239,185	239,634	233,529	186,113	254,114	243,361	244,123	242,433
Contract actions ¹	49,052	102,642	69,606	62,811	61,975	40,521	65,983	53,922	51,414	49,000
Recovery of overpayments ²	15,588	58,160	24,233	18,676	16,467	6,696	22,576	9,223	7,861	6,419
Real property actions	11,067	10,118	11,586	12,209	11,217	15,436	9,324	9,659	9,955	8,764
Tort actions	32,539	41,593	42,977	44,961	42,090	41,062	57,243	65,353	66,182	68,391
Personal injury	27,517	37,560	39,173	41,148	38,361	34,994	52,608	60,737	61,767	64,105
Personal injury product liability	(NA)	12,507	14,153	16,166	13,408	9,118	22,111	30,596	32,643	34,837
Asbestos	(NA)	4,239	7,776	10,715	8,230	(NA)	11,194	19,544	22,792	25,419
Other personal injury	27,517	25,053	25,020	24,982	24,953	25,876	30,497	30,141	29,124	29,268
Personal property damage	5,022	4,033	3,804	3,813	3,729	6,068	4,635	4,616	4,415	4,286
Actions under statutes	75,574	119,160	114,942	119,514	118,131	88,534	121,295	114,333	116,425	115,215
Civil rights	12,944	19,553	19,805	19,323	19,378	18,819	26,148	25,352	24,514	24,174
Employment	5,017	8,082	8,993	8,563	9,000	8,893	12,187	12,267	11,752	11,815
Bankruptcy suits	1,688	6,331	4,705	5,558	5,228	1,443	4,866	3,985	3,873	3,777
Commerce (ICC rates, etc.)	1,105	912	1,067	1,694	1,339	6,194	747	807	1,117	949
Environmental matters	557	652	703	889	938	751	912	1,076	1,234	1,395
Prisoner petitions	23,287	33,468	37,351	38,839	41,481	18,008	29,982	30,444	32,012	33,854
Forfeiture and penalty	3,019	4,908	3,493	3,673	4,920	2,282	3,658	2,919	3,389	4,175
Labor laws	8,640	11,749	12,759	12,688	13,328	9,045	11,002	11,640	11,639	11,840
Protected property rights ³	3,783	5,412	5,518	6,059	5,977	4,014	5,151	5,484	5,697	5,595
Securities commodities and [e]xchanges	1,694	3,266	3,021	2,638	2,608	3,255	5,082	5,322	4,878	4,561
Social Security laws	9,043	19,771	13,338	15,152	10,206	13,154	20,302	12,926	13,965	10,779
Tax suits	3,262	2,966	2,785	2,555	2,402	3,075	2,972	3,050	2,933	2,868
Freedom of information	627	565	444	344	307	617	555	486	432	385

NA Not available. ¹ Includes other types not shown separately. ² Includes enforcement of judgments in student loan cases, and overpayments of veterans benefits. ³ Includes copyright, patent, and trademark rights.

No. 325. U.S. District Courts—Trials: 1970 to 1989

[For years ending June 30. 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	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Total	16,032	19,236	19,825	21,345	20,830	20,729	20,242	19,985	19,901	20,102
Civil trials	9,449	11,603	13,191	14,689	14,374	14,254	13,276	13,162	12,536	12,085
Nonjury	6,078	7,903	9,254	9,712	9,037	8,817	8,054	7,597	7,088	6,878
Jury	3,371	3,700	3,937	4,977	5,337	5,437	5,222	5,565	5,448	5,207
Criminal trials	6,583	7,633	6,634	6,656	6,456	6,475	6,966	6,823	7,365	8,017
Nonjury	2,357	2,726	3,216	3,003	2,823	2,778	3,066	2,912	3,215	3,553
Jury	4,226	4,907	3,418	3,653	3,633	3,697	3,900	3,911	4,150	4,464

No. 326. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1988 and 1989

[For years ending June 30]

NATURE OF OFFENSE	1988		Cases commenced, ¹ 1989	DISPOSITION OF DEFENDANTS, 1989								
	Cases commenced ¹	Defendants disposed of		Total defendants disposed of	Not convicted		Convicted ²			Sentenced		
					Total	Acquitted	Total	Guilty plea ³	By court or jury	Imprisonment	Probation	Fine and other
Total	43,503	52,791	44,891	54,643	10,119	1,699	44,524	36,681	5,843	24,867	14,997	4,660
General offenses:												
Homicide	147	150	174	166	29	11	137	87	50	113	12	12
Robbery	1,283	1,195	1,309	1,206	107	20	1,099	958	141	1,054	39	6
Assault	617	599	567	579	158	39	421	327	94	278	116	27
Burglary	124	111	107	103	17	1	86	74	12	74	11	1
Larceny-theft	3,531	3,865	3,474	4,066	843	103	3,222	2,939	283	1,159	1,812	251
Embezzlement and fraud	9,433	11,180	8,958	10,982	1,541	287	9,441	8,559	882	4,039	5,081	321
Auto theft	293	382	233	462	69	8	393	346	47	282	102	9
Forgery ⁴	1,674	2,070	1,505	1,733	225	18	1,508	1,398	110	763	728	17
Sex offenses	511	438	324	348	63	12	285	230	55	187	91	7
DAPCA ⁵	10,291	15,750	11,855	16,834	2,695	396	14,139	11,686	2,453	11,626	2,358	155
Misc. general offenses	15,599	17,051	16,385	18,165	4,372	804	13,793	12,077	1,716	5,292	4,647	3,854

¹ Excludes transfers. ² Convicted and sentenced. ³ Includes nolo contendere. ⁴ Includes counterfeiting. ⁵ All marijuana, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 324-326: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

**No. 327. U.S. District Courts—Offenders Convicted and Sentenced to Prison,
1980 and 1987, and Length of Sentence, 1987**

MOST SERIOUS OFFENSE OF CONVICTION	OFFENDERS CONVICTED		CONVICTED OFFENDERS SENTENCED TO PRISON		Length of sentence, 1987 (mo.)	MOST SERIOUS OFFENSE OF CONVICTION	OFFENDERS CONVICTED		CONVICTED OFFENDERS SENTENCED TO PRISON		Length of sentence, 1987 (mo.)
	1980	1987	1980	1987			1980	1987	1980	1987	
Total	29,943	44,518	13,766	23,579	55.2	Drug offenses ¹	5,135	13,423	3,675	10,196	67.8
Violent offenses	2,134	2,241	1,770	1,837	126.2	Possession	498	2,193	114	609	48.1
Property offenses	10,780	14,349	4,630	6,234	32.5	Trafficking and manufacturing	4,633	11,224	3,560	9,584	69.1
Fraudulent offenses ¹	6,733	10,443	2,825	4,610	31.1	Public-order offenses	11,893	14,500	3,690	5,312	35.5
Embezzlement	1,605	1,918	460	551	22.1	Regulatory offenses	1,828	1,847	484	601	42.1
Fraud ²	3,307	6,588	1,384	3,097	32.1	Other offenses	10,065	12,653	3,206	4,711	32.2
Forgery	1,180	1,348	610	606	30.6	Weapons	980	1,730	578	1,188	53.3
Other offenses ¹	4,047	3,906	1,805	1,624	36.5	Immigration	2,200	2,138	1,017	1,355	15.2
Larceny	3,026	3,057	1,180	1,125	33.8	Tax law violations ³	1,407	1,374	487	640	21.1

¹ Includes offenses not shown separately. ² Excludes tax fraud. ³ Includes tax fraud.

Source: U.S. Bureau of Justice Statistics, *Federal Criminal Case Processing, 1980-87*, May 1990.

**No. 328. U.S. District Courts—Defendants Charged With Violations of Drug Abuse
Prevention and Control Act: 1980 to 1989**

[For years ending June 30]

ITEM	MARIJUANA				DRUGS				CONTROLLED SUB- STANCES (prescribed drugs)			
	1980	1985	1988	1989	1980	1985	1988	1989	1980	1985	1988	1989
Defendants disposed of	1,690	3,984	4,890	4,547	3,290	5,595	9,228	10,717	1,363	1,598	1,632	1,570
Not convicted	569	854	872	898	749	868	1,399	1,548	276	246	317	249
Dismissed	483	709	726	798	620	692	1,167	1,280	234	200	275	221
Convicted	1,121	3,130	4,018	3,649	2,541	4,727	7,829	9,169	1,087	1,352	1,315	1,321
By guilty plea and nolo contendere	772	2,523	3,573	3,227	1,830	3,839	6,365	7,356	848	1,138	1,106	1,103
Imprisonment, total ²	754	2,038	2,414	2,448	1,945	3,701	6,575	8,151	780	1,049	994	1,027
Regular sentence	555	1,512	1,910	2,249	1,410	2,885	5,799	7,649	582	810	851	940
Avg. sentence (mo.)	47.2	53.2	57.3	52.7	60.8	69.6	82.9	77.8	46.5	69.3	91.5	92.0
Other sentences to prison ²	199	524	504	199	535	816	776	502	198	239	143	87
Probation, total	341	938	1,536	1,145	588	960	1,199	942	303	287	307	271
Avg. sentence (mo.)	37.9	31.2	26.9	25.1	39.9	39.7	41.1	41.8	37.2	40.5	35.6	33.6
Fine only	20	83	53	39	4	3	27	14	3	6	9	8
Other ³	6	73	15	17	4	63	28	62	1	10	5	15

¹ Includes defendants committed under 28 USC 2902, Narcotic Addict Rehabilitation Act of 1966. ² Split or mixed sentences of prison and probation in the same case as well as indeterminate and Youth Corrections Act sentences are included under total imprisonment and other sentences to prison. ³ Includes deportation, suspended sentences, imprisonment for four days or less or for time already served, remitted and suspended fines and life sentences.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 329. Federal Prosecutions of Public Corruption: 1975 to 1989

[As of Dec. 31. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total: ¹ Indicted	255	557	687	721	878	729	1,073	936	1,182	1,193	1,340	1,274	1,349
Convicted	179	409	555	552	730	671	972	934	997	1,026	1,075	1,067	1,144
Awaiting trial	27	205	187	213	231	186	222	269	256	246	368	288	375
Federal officials: Indicted	53	133	128	123	198	158	² 460	408	563	596	651	629	695
Convicted	43	91	115	131	159	147	² 424	429	470	523	545	529	610
Awaiting trial	5	42	21	16	23	38	58	77	90	83	118	86	126
State officials: Indicted	36	55	58	72	87	49	81	58	79	88	102	66	71
Convicted	18	56	32	51	66	43	65	52	66	71	76	69	54
Awaiting trial	5	20	30	28	36	18	26	21	20	24	26	14	18
Local officials: Indicted	139	171	212	247	244	257	270	203	248	232	246	276	269
Convicted	94	127	156	168	211	232	226	196	221	207	204	229	201
Awaiting trial	15	72	67	82	102	58	61	74	49	55	89	79	122

¹ 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. ² Increases in the number indicted and convicted between 1982 and 1983 resulted from a greater focus on federal corruption nationwide and more consistent reporting of cases involving lower-level employees.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980 and Report to Congress on the Activities and Operations of the Public Integrity Section*, annual.

No. 330. Delinquency Cases Disposed, by Juvenile Courts: 1975 to 1986

YEAR	CASES DISPOSED		Case rate ¹	YEAR	CASES DISPOSED		Case rate ¹
	Total (1,000)	Per- cent change			Total (1,000)	Per- cent change	
1975	1,050	(NA)	33.8	1981	1,100	0.6	39.1
1976	1,077	2.6	35.1	1982	1,073	-2.5	39.1
1977	1,076	-0.1	35.8	1983	1,030	-4.0	38.3
1978	1,023	-4.9	34.6	1984	1,034	0.4	38.7
1979	1,048	2.4	36.2	1985	1,117	8.0	42.0
1980	1,093	4.3	38.3	1986	1,154	3.4	44.3

NA Not available. ¹ Number of cases disposed per 1,000 youth (ages 10 to 17) at risk.

Source: U.S. National Center for Juvenile Justice, Pittsburgh, PA, *Juvenile Court Statistics*, annual; and unpublished data.

No. 331. Delinquency Cases Disposed by Juvenile Courts, by Reason for Referral, 1982 to 1986, and by Sex, 1985

[In thousands. A delinquency offense is an act committed by a juvenile for which an adult could be prosecuted in a criminal court. Disposition of a case involves taking a definite action such as transferring the case to criminal court, dismissing the case, placing the youth on probation, placing the youth in a facility for delinquents, or such actions as fines, restitution, and community service]

REASON FOR REFERRAL	1982	1983	1984	1985			1986
				Total	Male	Female	
All delinquency offense	1,073	1,030	1,034	1,117	912	205	1,154
Violent offenses	57	55	61	70	61	9	70
Criminal homicide	2	1	1	1	1	(Z)	2
Forcible rape	3	3	3	4	4	(Z)	4
Robbery	26	24	22	25	23	2	25
Aggravated assault	27	27	35	40	33	8	39
Property offenses	475	451	442	470	380	91	499
Burglary	158	145	129	133	124	9	140
Larceny	278	270	276	296	220	77	310
Motor vehicle theft	34	31	31	35	30	5	43
Arson	5	5	6	7	6	1	6
Delinquency offenses	541	524	530	577	472	105	585
Simple assault	86	81	73	84	62	22	97
Vandalism	64	64	69	81	74	8	85
Drug law violations	62	57	65	74	62	13	75
Obstruction of justice	47	55	63	64	48	16	75
Other ¹	282	268	260	274	226	48	252

Z Fewer than 500. ¹ Includes such offenses as stolen property offenses, trespassing, weapons offenses, other sex offenses, liquor law violations, disorderly conduct, and miscellaneous offenses.

Source: U.S. National Center for Juvenile Justice, Pittsburgh, PA, *Juvenile Court Statistics*, 1986; and unpublished data.

No. 332. Juveniles Held in Public and Private Custody—Residents and Facilities: 1983 to 1987

[Public and private facilities for juveniles includes detention centers, shelters, reception and diagnostic centers, training schools, halfway houses, group homes, ranches, forestry camps, and farms]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1983	1985	1987	1983	1985	1987
Number of residents ^{1,2}	Number	50,799	51,402	56,097	31,473	34,112	38,184
Juvenile ³	Number	48,701	49,322	53,503	31,390	34,080	38,143
Average age ⁴	Years	15.4	15.4	15.8	14.9	14.9	14.8
Male	Number	42,182	42,549	46,272	22,242	23,844	26,339
Female	Number	6,519	6,773	7,231	9,148	10,236	11,804
White	Number	27,805	29,969	31,103	22,377	23,999	26,839
Black	Number	18,020	18,269	21,057	7,822	9,204	10,357
Number of admissions (all residents) ^{5,6}	Number	530,200	527,759	597,624	88,806	101,007	126,102
Number of departures (all residents) ^{5,6}	Number	522,599	520,903	592,229	84,399	96,006	120,071
Average daily residents ⁶	Number	50,208	49,480	54,036	31,685	33,121	38,172
Facilities, total ⁷	Number	1,023	1,040	1,107	1,877	1,996	2,195
Occupancy less than 70 percent	Percent	30	35	28	22	20	18
70-100 percent	Percent	56	55	57	76	79	79
More than 100 percent	Percent	14	10	15	2	1	3
Personnel, total ⁸	Number	58,654	(NA)	62,249	37,411	(NA)	49,144
Operating costs ⁹	Mil. dol.	1,105.0	1,247.9	1,458.7	673.5	805.5	1,060.0
Per resident operating cost ⁹	\$1,000	22.0	25.2	27.0	21.3	24.3	27.8

NA Not available. ¹ Includes adults. ² Data for February 1, 1983, and 1985, and February 2, 1987. ³ Includes races not reported and races not shown. ⁴ Based on juvenile residents only. ⁵ Data are for calendar years 1982, 1984 and 1986.

⁶ Juvenile and adult. ⁷ Occupancy is calculated on the average daily resident population. ⁸ 1983 generally includes volunteers; excludes 4,600 in California, and large but unspecified numbers in Ohio and South Carolina. 1987 personnel includes full, part-time and volunteer. ⁹ Based on average daily residents.

Source: 1983, U.S. Office of Juvenile Justice and Delinquency Prevention, *Children in Custody: Advance Report on the 1982 Census of Public Juvenile Facilities*; and *Children in Custody: Advance Report on the 1982 Census of Private Juvenile Facilities*; 1985, U.S. Bureau of Justice Statistics, *Census of Public and Private Juvenile Detention, Correctional, and Shelter Facilities, 1975-85*; and U.S. Office of Juvenile Justice and Delinquency Prevention, *1987 Children in Custody: Census of Public and Private Juvenile Custody Facilities*.

No. 333. Jail Inmates, by Race and Detention Status: 1978 to 1988

[Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Connecticut, Delaware, Hawaii, Rhode Island, and Vermont; and other facilities which retain persons for less than 48 hours. As of June 30. For the years of 1982 and 1984-1987 data based on sample survey and subject to sampling variability; 1978, 1983, and 1988 based on the National Jail Census]

CHARACTERISTIC	1978	1982	1983	1984	1985	1986	1987	1988
Total inmates ¹	158,394	209,582	223,552	234,500	256,615	274,444	295,873	343,569
Percent of rated capacity	65	84	85	90	94	96	98	101
Percent of operational capacity	64	95	81	(NA)	(NA)	(NA)	(NA)	(NA)
Male	148,839	195,730	207,783	216,275	235,909	251,235	270,172	311,594
Female	9,555	13,852	15,769	16,743	19,077	21,501	23,920	30,299
White	89,418	(NA)	130,118	138,355	151,403	159,178	168,647	166,302
Black	65,104	(NA)	87,508	93,800	102,646	112,522	124,267	141,979
Other races	3,872	(NA)	5,926	2,345	2,566	2,744	2,959	3,932
Hispanic ²	16,349	(NA)	31,297	30,485	35,926	38,422	41,422	51,455
Non-Hispanic	142,045	(NA)	192,254	204,015	220,689	236,022	254,451	292,114
Adult ³	156,783	207,853	221,815	233,018	254,986	272,736	294,092	341,893
Awaiting arraignment or trial	77,453	118,189	113,984	116,331	127,059	142,112	150,101	175,669
Convicted	75,438	89,664	107,680	113,491	123,409	127,067	139,394	166,224
Juvenile	1,611	1,729	1,736	1,482	1,629	1,708	1,781	1,738

NA Not available. ¹ For 1984-1988, includes juveniles not shown separately by sex, and for 1988 includes 31,356 persons of unknown race not shown separately. ² Hispanic persons may be of any race. Includes inmates not classified by conviction status. ³ Juveniles are persons whose age makes them initially subject to juvenile court authority although they are sometimes tried as adults in criminal court.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates, 1978; Jail Inmates, annual; and 1988 Census of Local Jails.*

No. 334. Federal and State Prisoners: 1960 to 1989

[Based on Bureau of the Census estimated resident population, as of July 1. Prior to 1970, excludes State institutions in Alaska. Beginning 1980, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities. 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 ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
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
1970	196,429	96.7	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
1980	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
1982	395,516	170.6	23,652	10.2	371,864	160.4	177,109	76.1	12,461	5.4	164,648	70.7
1983	419,721	178.5	26,331	11.2	393,390	168.1	187,408	80.1	14,119	6.0	173,289	74.1
1984	445,399	188.0	27,602	12.0	417,797	176.0	180,418	76.0	13,491	5.7	166,927	70.3
1985	481,393	200.6	32,695	13.6	448,698	187.0	198,499	82.7	15,368	6.4	183,131	76.3
1986	522,485	216.0	36,531	15.0	485,954	201.0	219,382	91.0	16,087	7.0	203,315	84.0
1987	560,459	229.0	39,523	16.0	520,936	213.0	241,887	99.0	16,260	7.0	225,627	92.0
1988	603,732	244.0	42,738	17.0	560,994	227.0	261,242	106.0	15,932	6.4	245,310	99.3
1989	675,441	271.0	43,449	17.0	631,992	253.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Rate per 100,000 estimated population.

Source: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31, annual, and Correctional Populations in the United States, annual.*

No. 335. State Prison Inmates—Selected Characteristics: 1979 and 1986

[Based on a sample survey of about 13,711 inmates in 1986 and 11,397 inmates in 1979; subject to sampling variability]

CHARACTERISTIC	NUMBER		PERCENT OF PRISON INMATES		CHARACTERISTIC	NUMBER		PERCENT OF PRISON INMATES	
	1979	1986	1979	1986		1979	1986	1979	1986
Total ¹	274,564	450,416	100.0	100.0	Married	61,420	91,492	22.4	20.3
Under 18 years old	2,220	2,057	0.8	0.5	Widowed	6,248	8,343	2.3	1.9
18-24 years old	97,860	120,384	35.6	26.7	Divorced	46,314	81,263	16.9	18.1
25-34 years old	116,284	205,817	42.4	45.7	Separated	18,168	26,985	6.6	6.0
35-44 years old	37,926	87,502	13.8	19.4	Years of school:				
45-54 years old	13,987	23,524	5.1	5.2	Less than 12 years	144,771	276,309	52.7	61.6
55-64 years old	4,786	8,267	1.7	1.8	12 years or more	129,792	172,385	47.3	38.4
65 years old and over	1,499	2,808	0.5	0.6	Pre-arrest employment status:				
Male	263,484	430,604	96.0	95.6	Employed	192,800	309,364	70.5	69.0
Female	11,080	19,812	4.0	4.4	Full-time	165,577	257,391	60.5	57.4
White	136,295	223,648	49.6	49.7	Part-time	27,223	51,973	10.0	11.6
Black	131,329	211,021	47.8	46.9	Not employed	80,663	138,773	29.5	31.0
Other races	6,939	15,412	2.6	3.4	Looking for work	38,230	80,508	14.0	18.0
Never married	142,414	241,707	51.9	53.7	Not looking for work	42,433	58,265	15.5	13.0

¹ For 1986, includes data not reported for all characteristics except sex.

Source: U.S. Bureau of Justice Statistics, *Profile of State Prison Inmates, 1986*, January 1988.

No. 336. State Prison Inmates, by Criminal History and Selected Characteristics of the Inmate: 1986

[Violent/nonviolent refers to the current or past criminal offense for which the inmate is or was incarcerated; see table 292 for types of crimes. Data based on a sample survey of 13,711 inmates; subject to sampling variability]

CHARACTERISTIC	CRIMINAL HISTORY OF PRISON INMATES								
	Total	First-timers			Recidivists ¹				
		Total	Non-violent	Violent	Total	Non-violent	Prior violent	Current violent only	Current and prior violent
Prison inmates, total	447,185	82,791	23,808	58,983	364,393	129,465	49,827	98,946	86,155
Percent of total	100.0	18.5	5.3	13.2	81.5	29.0	11.1	22.1	19.3
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male	95.6	92.7	91.2	93.3	96.3	93.6	97.5	97.4	98.3
Female	4.4	7.3	8.8	6.7	3.7	6.4	2.5	2.6	1.7
White	49.7	54.2	63.2	50.7	48.6	56.9	44.9	47.1	40.2
Black	46.9	42.0	33.3	45.6	48.0	40.5	51.6	48.9	56.2
Other races	3.4	3.6	3.5	3.7	3.4	2.6	3.5	4.0	3.6
Median age (years)	28	29	29	28	28	27	29	28	30
Median age at first arrest (years)	17	22	23	22	16	17	16	16	15
Median age at first confinement (years)	19	24	25	24	18	19	17	19	18
Average number of months served on current confinement	27.3	21.9	21.0	30.6	20.6	19.6	20.7	32.1	32

¹ An individual who has been previously sentenced to probation or incarceration as a juvenile or adult.

Source: U.S. Bureau of Justice Statistics, *Profiles of State Prison Inmates, 1986*, January 1988.

No. 337. Adults Under Correctional Supervision: 1988

[In thousands except rate. As of Dec. 31. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency)]

REGION, DIVISION, AND STATE	Total ¹	Rate ²	Prison ³	Parole ⁴	Probation ⁵	REGION, DIVISION, AND STATE	Total ¹	Rate ²	Prison ³	Parole ⁴	Probation ⁵
U.S.	3,713.2	204.1	606.8	408.0	2,356.5	DC	26.4	550.8	8.4	3.9	12.4
Northeast . .	694.5	180.3	96.5	104.7	435.9	VA	46.4	102.0	12.8	6.6	17.6
N.E.	195.1	196.6	19.3	5.8	163.0	WV	8.5	60.6	1.5	0.8	4.8
ME	8.0	88.8	1.3	0.0	6.1	NC	96.1	198.1	17.3	6.2	67.2
NH	5.2	63.9	1.0	0.5	2.9	SC	49.4	195.8	13.0	3.7	29.2
VT	6.9	166.3	0.8	0.2	6.0	GA	162.8	356.6	18.8	11.3	115.3
MA	109.0	239.2	6.9	4.3	92.3	FL	226.5	237.5	34.3	2.6	162.0
RI	12.2	159.7	1.9	0.4	9.8	E.S.C.	145.1	129.3	32.3	20.9	68.2
CT	53.8	217.3	7.5	0.4	45.9	KY	21.7	79.0	6.2	3.4	7.4
M.A.	499.5	174.7	77.1	98.9	272.8	TN	56.5	155.1	7.4	9.5	28.8
NY	225.2	166.1	44.6	34.0	120.8	AL	47.1	157.5	12.4	4.7	25.2
NJ	104.0	176.5	14.7	18.5	59.7	MS	19.8	107.7	6.3	3.2	6.9
PA	170.3	186.1	17.9	46.5	92.3	W.S.C.	562.7	295.0	66.9	91.2	359.5
Midwest	721.4	163.0	120.2	51.1	499.8	AR	27.1	155.5	5.5	3.8	15.9
E.N.C.	525.0	168.8	92.4	35.6	358.9	LA	62.6	201.2	12.1	8.1	31.2
OH	111.5	138.8	26.1	6.0	70.2	OK	36.4	154.1	8.9	1.5	23.4
IN	75.9	185.3	11.4	3.4	55.9	TX	436.6	368.3	40.4	77.8	288.9
IL	136.1	158.0	21.1	14.4	90.7	West.	725.1	195.9	123.6	74.2	436.0
MI	160.0	235.7	27.6	7.7	115.3	Mt.	135.5	142.7	31.1	9.9	76.1
WI	41.6	116.2	6.2	4.1	26.7	MT	5.8	99.4	1.2	0.7	3.3
W.N.C.	196.4	149.3	27.8	15.5	140.9	ID	7.4	106.5	1.5	0.8	4.4
MN	58.0	181.9	2.9	1.6	50.2	WY	3.5	102.1	0.9	0.3	1.8
IA	19.1	90.1	3.0	1.9	13.1	CO	36.2	148.8	5.6	1.7	23.9
MO	66.1	172.5	12.2	7.2	42.5	NM	11.6	110.1	2.7	1.1	5.7
ND	2.7	55.7	0.5	0.2	1.7	AZ	45.9	181.1	12.1	2.4	25.5
SD	4.7	90.2	1.0	0.6	2.5	UT	10.1	95.6	2.1	1.2	5.6
NE	15.2	128.5	2.2	0.4	11.4	NV	14.9	188.9	4.9	1.7	5.9
KS	30.8	167.1	5.9	3.5	19.5	Pac.	589.6	214.2	92.4	64.3	359.9
South	1,446.9	232.8	222.4	157.5	924.3	WA	84.0	242.9	7.1	10.7	60.2
S.A.	739.2	231.9	123.2	45.4	496.7	OR	34.3	164.8	4.7	2.6	24.2
DE	13.7	277.6	3.0	1.1	9.6	CA	452.5	217.3	76.2	49.4	262.8
MD	109.4	314.6	14.1	9.2	78.6	AK	5.8	162.9	2.3	0.5	3.0
						HI	13.0	159.9	2.2	1.1	9.7

¹ Includes persons in jail not shown separately. ² Rate per 10,000 persons 18 years old and over. ³ Includes all inmates of Federal and State institutions. ⁴ Includes all adults under State parole supervision whether released from prison via parole board decision or mandatory release, who were sentenced to more than one year in prison. ⁵ Includes all adults who, as part of a State, or local court order, have been placed under the supervisory authority of a probation agency.

Source: U.S. Bureau of Justice Statistics, *Probation and Parole*, annual; *Prisoners in State and Federal Institutions on December 31*, annual; and *Correctional Populations in the United States*, annual.

No. 338. Prisoners Under Jurisdiction of State and Federal Correctional Authorities—Summary, by State: 1980 to 1989

[For years ending December 31]

SEX, REGION, DIVISION, AND STATE	1980	1985	1987	1988	1989	SENTENCED TO MORE THAN 1 YEAR				
						1985	1987	1988	1989	
									Total	Rate per 100,000 popula- tion
United States	329,821	503,271	584,435	627,588	710,054	481,393	560,459	603,720	679,263	274
Male	316,401	480,147	555,371	594,996	669,498	459,934	533,521	573,587	642,138	259
Female	13,420	23,124	29,064	32,592	40,556	21,459	26,938	30,133	37,125	15
Federal institutions	24,363	40,223	48,300	49,928	59,171	32,695	39,523	42,738	47,168	19
State institutions	305,458	463,048	536,135	577,660	650,883	448,698	520,936	560,982	632,095	255
Northeast	45,796	75,706	90,815	99,180	114,754	72,656	87,168	94,522	110,181	217
N.E.	9,926	15,432	18,158	19,784	22,821	12,490	14,532	15,143	18,259	140
ME	814	1,226	1,328	1,277	1,455	967	1,267	1,214	1,432	117
NH	326	683	867	1,019	1,166	683	867	1,019	1,166	105
VT	480	677	759	820	896	443	505	553	617	109
MA	3,185	5,390	6,265	6,757	7,524	5,390	6,265	6,455	7,268	123
RI	813	1,307	1,428	1,906	2,479	964	991	1,179	1,467	147
CT	4,308	6,149	7,511	8,005	9,301	4,043	4,637	4,723	6,309	195
M.A.	35,870	60,274	72,657	79,396	91,933	60,166	72,636	79,379	91,922	244
NY	21,815	34,712	40,842	44,560	51,227	34,712	40,842	44,560	51,227	285
NJ	5,884	11,335	15,548	16,936	19,439	11,335	15,548	16,936	19,439	251
PA	8,171	14,227	16,267	17,900	21,267	14,119	16,246	17,883	21,256	177
Midwest	66,211	95,704	110,846	120,382	136,519	95,245	110,463	120,077	136,221	226
E.N.C.	51,175	72,599	84,873	92,914	106,125	72,280	84,663	92,751	105,991	251
OH	13,489	20,864	24,220	26,462	30,538	20,864	24,220	26,462	30,538	280
IN	6,683	9,904	10,827	11,406	12,341	9,615	10,634	11,271	12,220	218
IL	11,899	18,634	19,850	21,081	24,712	18,634	19,850	21,081	24,712	212
MI	15,124	17,755	23,879	27,612	31,746	17,755	23,879	27,612	31,746	342
WI	3,980	5,442	6,097	6,353	6,788	5,442	6,080	6,325	6,775	139
W.N.C.	15,036	23,105	25,973	27,468	30,394	22,965	25,800	27,326	30,230	169
MN	2,001	2,343	2,546	2,799	3,103	2,343	2,546	2,799	3,103	71
IA	2,481	2,832	2,851	3,034	3,584	2,832	2,851	3,034	3,584	126
MO	5,726	9,915	11,146	12,176	13,919	9,915	11,146	12,176	13,919	270
ND	253	422	430	466	451	375	380	414	404	61
SD	635	1,047	1,133	1,020	1,277	1,035	1,133	1,020	1,277	179
NE	1,446	1,814	2,086	2,156	2,438	1,733	1,963	2,066	2,321	144
KS	2,494	4,732	5,781	5,817	5,622	4,732	5,781	5,817	5,622	224
South	146,358	202,926	222,778	233,907	257,821	195,868	215,755	226,735	249,284	291
S.A.	78,815	108,228	119,735	126,428	141,215	101,620	113,098	119,642	133,383	309
DE	1,474	2,553	2,939	3,197	3,365	1,759	2,116	2,207	2,337	347
MD	7,731	13,005	13,467	14,276	16,514	12,303	12,912	13,572	15,378	328
DC	3,145	6,404	7,645	8,831	9,268	4,604	5,614	6,628	6,771	1,121
VA	8,920	12,073	13,321	14,184	16,477	11,717	12,931	13,928	16,273	267
WV	1,257	1,725	1,461	1,455	1,536	1,725	1,461	1,455	1,536	83
NC	15,513	17,344	17,218	17,078	17,451	16,007	16,118	16,251	16,695	254
SC	7,862	10,510	12,664	13,888	15,720	9,908	11,862	12,902	14,808	422
GA	12,178	16,014	18,575	18,787	20,885	15,115	17,724	18,018	19,619	305
FL	20,735	28,600	32,445	34,732	39,999	28,482	32,360	34,681	39,966	315
E.S.C.	21,055	30,335	33,767	34,833	40,728	29,885	33,381	34,447	40,126	260
KY	3,588	5,801	6,436	7,119	8,289	5,801	6,436	7,119	8,289	222
TN	7,022	11,127	12,624	13,907	16,621	11,127	12,624	13,907	16,621	214
AL	6,543	11,015	12,827	12,610	13,907	10,749	12,602	12,357	13,575	330
MS	3,902	6,392	6,880	7,384	7,911	6,208	6,719	7,251	7,700	294
W.S.C.	46,488	64,363	69,276	72,646	75,878	64,363	69,276	72,646	75,775	281
AR	2,911	4,611	5,441	5,519	6,409	4,611	5,441	5,519	6,306	262
LA	8,889	13,890	15,375	16,242	17,257	13,890	15,375	16,242	17,257	394
OK	4,796	8,330	9,639	10,448	11,423	8,330	9,639	10,448	11,423	354
TX	29,892	37,532	38,821	40,437	40,789	37,532	38,821	40,437	40,789	240
West	47,093	88,712	111,696	124,191	141,789	84,929	107,550	119,648	136,409	263
Mt.	13,141	22,798	28,312	31,325	35,606	22,329	27,822	30,689	34,885	258
MT	739	1,129	1,187	1,272	1,362	1,129	1,187	1,272	1,362	169
ID	817	1,294	1,435	1,581	1,850	1,294	1,435	1,581	1,850	182
WY	534	758	916	945	1,026	758	916	945	1,026	216
CO	2,629	3,369	4,808	5,765	7,318	3,369	4,808	5,765	7,318	221
NM	1,279	2,313	2,710	2,825	3,034	2,112	2,626	2,723	2,861	187
AZ	4,372	8,531	10,948	12,095	13,251	8,273	10,558	11,578	12,726	358
UT	932	1,633	1,874	1,961	2,378	1,623	1,858	1,944	2,355	138
NV	1,839	3,771	4,434	4,881	5,387	3,771	4,434	4,881	5,387	485
Pac.	33,952	65,914	83,384	92,866	106,183	62,600	79,728	88,959	101,524	265
WA	4,399	6,909	6,131	5,816	6,928	6,909	6,131	5,816	6,928	146
OR	3,177	4,454	5,482	5,991	6,744	4,454	5,482	5,991	6,744	239
CA	24,569	50,111	66,975	76,171	87,297	48,279	64,812	73,780	84,338	290
AK	822	2,329	2,528	2,588	2,744	1,530	1,767	1,862	1,908	362
HI	985	2,111	2,268	2,300	2,470	1,428	1,536	1,510	1,606	144

¹ Based on resident population estimated as of July 1, 1989. ² Includes persons held under other jurisdiction, not shown separately. ³ Includes both jail and prison inmates (State has combined jail and prison system). ⁴ Numbers are custodial, not jurisdictional counts. ⁵ Includes an undetermined number of prisoners with sentences shorter than 1 year. ⁶ Jurisdiction counts exclude prisoners held in jail because of crowding.

Source: U.S. Bureau of Justice Statistics, *Prisoners in 1989*, and earlier reports.

No. 339. Average Time Served by Prisoners Released From Federal Institutions for First Time, 1970 to 1986, and by Offense, 1986

[For fiscal years ending in year shown; see text, section 9. 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 date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES ¹			PAROLE ¹			EXPIRATION OF SENTENCE ^{1 2}			YCA ³ RELEASES	
	Number	Average time (months)		Number	Average time (months)		Number	Average time (months)		Number	Average time served (months)
		Sentence	Served		Sentence	Served		Sentence	Served		
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
1979, all offenses	10,925	44.1	21.0	3,766	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1980, all offenses	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5
1981, all offenses	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.6	11.1	650	25.0
1982, all offenses	11,348	36.6	16.3	3,554	81.7	29.1	7,794	16.0	10.5	593	21.8
1983, all offenses	11,896	35.4	15.9	4,263	69.8	27.0	7,633	16.3	9.7	545	20.0
1984, all offenses	15,050	35.5	15.6	4,635	78.2	28.4	10,415	17.4	10.8	552	20.2
1985, all offenses	14,937	35.5	15.9	4,511	76.6	26.6	10,426	17.7	11.3	453	21.5
1986, all offenses ⁴	16,996	34.0	15.6	4,657	76.6	26.7	12,339	18.0	11.4	293	24.0
Counterfeiting	270	33.6	15.9	94	55.5	19.5	176	21.9	14.0	6	25.0
Drug laws	4,793	43.2	19.5	1,961	68.7	24.4	2,832	25.6	16.1	86	20.6
Embezzlement	333	23.8	11.4	91	51.1	19.1	242	13.6	8.4	5	15.2
Escape, flight, or harboring a fugitive	111	30.5	18.9	21	47.1	22.3	90	26.7	18.1	5	15.0
Firearms	654	32.7	17.7	124	65.3	25.2	530	25.0	16.0	12	23.9
Forgery	470	29.0	14.8	171	49.1	19.9	299	17.6	11.9	11	19.2
Fraud	1,247	27.8	13.6	366	54.7	20.1	881	16.6	10.8	5	26.4
Immigration	4,015	5.8	3.7	206	39.1	14.6	3,809	4.0	3.1	4	20.2
Income tax	359	18.3	10.3	85	36.5	14.4	274	12.6	9.0	-	-
Kidnapping	29	251.6	85.7	19	327.0	109.5	10	108.3	40.5	5	37.6
Larceny-theft	1,330	36.9	18.3	467	59.8	23.1	863	24.5	15.8	32	17.7
Motor vehicle, interstate	225	45.4	22.1	102	56.0	21.7	123	36.7	22.4	6	19.0
Robbery	866	128.5	46.5	518	165.6	50.5	348	73.3	40.5	64	25.4
Securities, transporting false	31	55.9	40.6	8	126.0	43.3	23	31.5	15.5	-	-
White slave traffic	5	48.0	26.0	2	42.0	15.0	3	52.0	33.3	1	8.0
Military court-martial cases	11	150.7	66.0	6	185.0	64.3	5	109.6	68.2	-	-
Govt. reservation, high seas, territories, and DC	1,070	31.0	14.5	172	105.5	34.6	898	16.7	10.7	38	33.3

- Represents zero. ¹ Excludes prisoners sentenced under Youth Corrections Act. ² Includes mandatory release. ³ Youth Corrections Act. ⁴ Includes other offenses not shown separately. Excludes 437 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 608 second or subsequent releases.

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

No. 340. Prisoners Under Sentence of Death: 1980 to 1989

[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	1980	1985	1987	1988	1989	CHARACTERISTIC	1980	1985	1987	1988	1989
Total	714	¹ 1,575	¹ 1,967	¹ 2,117	¹ 2,250	Marital status:					
White	427	896	1,128	1,235	1,310	Never married	268	655	856	898	956
Black and other	287	679	839	848	903	Married	229	487	571	594	610
						Divorced ²	217	449	557	632	664
Under 20 years	11	13	10	11	6	Time elapsed since sentencing:					
20 to 24 years	173	212	222	195	191	Less than 12 months	185	273	295	293	231
25 to 34 years	334	804	969	1,048	1,080	12 to 47 months	389	739	804	812	809
35 to 54 years	186	531	744	823	917	48 to 71 months	102	303	412	409	408
55 years and over	10	31	39	47	56	72 months and over	38	276	473	610	802
Years of school completed:						Legal status at arrest:					
7 years or less	68	147	181	180	183	Not under sentence	384	861	1,123	1,207	1,301
8 years	74	159	183	184	178	Parole or probation	115	³ 350	³ 480	³ 545	³ 585
9 to 11 years	204	483	650	692	739	Prison or escaped	45	81	91	93	94
12 years	162	440	591	657	695	Unknown	170	299	290	279	270
More than 12 years	43	127	168	180	192						
Unknown	163	235	211	231	263						

¹ Revisions to the total number of prisoners were not carried to the characteristics except for race. ² Includes persons married but separated, widows, widowers, and unknown. ³ Data for 1985 include 20 persons; for 1987, 22 persons; and for 1988 and 1989, 24 persons on mandatory conditional release, work release, leave, AWOL, or bail.

Source: U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

No. 341. Movement of Prisoners Under Sentence of Death: 1975 to 1989

[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, beginning 1979, all data except executions are not strictly comparable to corresponding data in 1975. See source for explanation.]

STATUS	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Under sentence of death, Jan. 1	244	483	595	697	865	1,072	1,216	1,420	1,575	1,781	1,967	2,117
Received death sentence	322	173	203	250	287	263	296	281	297	299	296	251
White	145	104	125	131	166	156	173	165	164	190	196	133
Black	174	67	77	115	117	105	119	114	123	106	91	114
Dispositions other than executions	78	59	101	82	76	117	69	108	73	90	128	102
Executions	-	2	-	1	2	5	21	18	18	25	11	16
Under sentence of death, Dec. 31	488	595	697	864	1,073	1,214	1,420	1,575	1,781	1,967	2,117	2,250
White	218	354	425	499	615	694	809	896	1,006	1,128	1,238	1,310
Black	262	238	268	357	446	508	595	664	750	813	853	903

- Represents zero. ¹ Includes races other than White or Black.

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

No. 342. Prisoners Executed Under Civil Authority: 1930 to 1989

[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 ¹	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			EXECUTED, OTHER OFFENSES		
				Total ¹	White	Black	Total	White	Black	Total ¹	White	Black
All years	3,979	1,822	2,115	3,454	1,735	1,679	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	376	601	316	280	102	13	89	14	7	7
1960-1967	191	98	93	155	87	68	28	6	22	8	5	3
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1980	3	3	-	3	3	-	-	-	-	-	-	-
1981	1	1	-	1	1	-	-	-	-	-	-	-
1982	2	1	1	2	1	1	-	-	-	-	-	-
1983	5	4	1	5	4	1	-	-	-	-	-	-
1984	21	13	8	21	13	8	-	-	-	-	-	-
1985	18	11	7	18	11	7	-	-	-	-	-	-
1986	18	11	7	18	11	7	-	-	-	-	-	-
1987	25	13	12	25	13	12	-	-	-	-	-	-
1988	11	6	5	11	6	5	-	-	-	-	-	-
1989	16	8	8	16	8	8	-	-	-	-	-	-

- Represents zero. ¹ Includes races other than White or Black. ² Includes 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), and 6 aggravated assault.

Source: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Correctional Populations in the United States*, annual.

No. 343. Prisoners Under Sentence of Death and Executed Under Civil Authority, by States: 1950 to 1989

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconsin from 1940 to 1987. Maine, Minnesota, and Wisconsin never authorized the death penalty during the period. New Hampshire and Rhode Island authorized it for most of the 4 decades but did not apply it. Michigan abolished the penalty in 1963, and North Dakota allowed the punishment statute to lapse in 1975. Alaska and Hawaii could enter these data after receiving statehood in 1959, but neither has authorized the death penalty.]

STATE	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1988	1989	STATE	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1988	1989	STATE	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1988	1989
Total ¹	717	191	3	101	16	IA	1	2	-	-	-	OH	32	7	-	-	-
AL	20	5	-	3	-	KS	5	5	-	-	-	OK	7	6	-	-	-
AZ	8	4	-	-	-	KY	16	1	-	-	-	OR	4	1	-	-	-
AR	18	9	-	-	-	LA	27	1	-	18	-	PA	31	3	-	-	-
CA	74	30	-	-	-	MD	6	1	-	-	-	SC	26	8	-	2	-
CO	3	6	-	-	-	MA	-	-	-	-	-	SD	-	-	-	-	-
CT	5	1	-	-	-	MS	36	10	-	3	-	TN	8	1	-	-	-
DE	-	-	-	-	-	MO	7	4	-	-	-	TX	74	29	-	29	-
DC	4	-	-	-	-	MT	-	-	-	-	-	UT	6	1	1	2	-
FL	49	12	1	18	-	NE	2	-	-	-	-	VT	2	-	-	-	-
GA	85	14	-	13	-	NV	9	2	1	1	-	VA	23	6	-	7	-
ID	3	-	-	-	-	NJ	17	3	-	-	-	WA	6	2	-	-	-
IL	9	2	-	-	-	NY	3	1	-	-	-	WV	9	-	-	-	-
IN	2	1	-	2	-	NY	52	10	-	-	-	WY	-	1	-	-	-
						NC	19	1	-	3	-						

¹ Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1969, 1).

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

No. 344. Fire Losses—Total and Per Capita: 1960 to 1989

[1960 excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Represents incurred losses.]

YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹
1960	1,108	6.19	1973	2,639	12.49	1982	5,894	25.41
1965	1,456	7.51	1974	3,190	14.95	1983	6,320	26.98
1966	1,497	7.64	1975	3,190	14.81	1984	7,602	32.15
1967	1,707	8.66	1976	3,558	16.35	1985	7,753	32.47
1968	1,830	9.20	1977	3,764	17.13	1986	8,488	35.21
1969	1,952	9.71	1978	4,008	18.05	1987	8,634	35.44
1970	2,328	11.41	1979	4,851	21.60	1988	9,626	39.11
1971	2,316	11.20	1980	5,579	24.55	1989	10,210	41.13
1972	2,304	11.01	1981	5,625	24.50			

¹ Based on Bureau of the Census estimated resident population as of July 1.

Source: 1960, National Board of Fire Underwriters, New York, NY, *Report of the Committee on Statistics and Origin of Losses*; thereafter, Insurance Information Institute, New York, NY, *Insurance Facts*, annual.

No. 345. Fires—Number and Loss, by Type and Property Use: 1980 to 1988

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)							PROPERTY LOSS (mil. dol.)						
	1980	1983	1984	1985	1986	1987	1988	1980	1983	1984	1985	1986	1987	1988
Fires, total	2,988	2,327	2,343	2,371	2,271	2,330	2,437	6,254	6,598	6,707	7,324	6,709	7,159	8,352
Structure	1,065	869	848	860	800	758	745	5,454	5,826	5,891	6,437	5,837	6,226	7,186
Outside of structure	87	49	45	51	150	55	63	61	35	29	63	56	64	195
Brush and rubbish	1,115	756	790	832	795	882	1,009	-	-	-	-	-	-	-
Vehicle	472	447	455	456	456	471	478	695	694	749	792	783	842	941
Other	249	206	205	172	170	184	142	54	43	38	32	33	27	38
Structure by property use:														
Public assembly	29	25	24	24	123	21	20	326	354	336	462	356	300	297
Educational	20	11	12	13	112	11	10	101	103	122	114	123	96	112
Institutional	28	23	22	23	122	19	14	25	14	18	17	18	21	23
Stores and offices	62	50	49	49	145	45	38	645	686	654	654	661	632	754
Residential	758	642	623	622	581	552	552	3,042	3,306	3,440	3,774	3,556	3,699	4,020
1-2 family units	581	524	506	502	468	433	432	2,447	2,792	2,945	3,217	2,992	3,078	3,349
Apartments	143	102	98	104	97	104	106	401	413	417	476	472	521	548
Hotels and motels	12	7	9	8	8	8	8	154	64	50	56	70	80	100
Other residential	12	7	9	8	8	7	6	40	37	28	25	22	20	168
Storage	65	48	48	52	146	48	50	512	473	536	683	450	633	51,079
Industry, utility, defense	55	36	35	36	134	28	27	672	763	631	572	536	596	596
Special structures	48	34	35	41	137	34	34	131	127	154	161	137	129	168

- Represents zero. ¹ Includes outside storage, crops, timber, etc. ² Includes two prison fires totalling \$120 million. ³ Includes mobile homes. ⁴ Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report. ⁵ Includes three industrial fires totalling \$464 million.

Source: National Fire Protection Association, Quincy, MA, "Fire Loss in the United States in 1988", *Fire Journal*, September 1989 (and prior issues). Copyright 1989.

No. 346. Fires and Property Loss for Incendiary and Suspicious Fires; and Civilian Fire Deaths and Injuries by Selected Property Type: 1980 to 1988

[Based on sample survey of fire departments]

ITEM	1980	1985	1987	1988	ITEM	1980	1985	1987	1988
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	1,065	860	758	745	Deaths, total ²	6,505	6,185	5,810	6,215
Structure fires of incendiary or suspicious origin	146	117	105	100	Residential property	5,446	5,025	4,660	5,065
Fires of incendiary origin	92	69	66	63	One- and two-family dwellings	4,175	4,020	3,780	4,125
Fires of suspicious origin	54	48	39	37	Apartments	1,025	865	790	830
					Vehicles	740	825	805	865
PROPERTY LOSS ¹ (mil. dol.)					CIVILIAN FIRE INJURIES				
Structure fires, total	5,454	6,437	6,226	7,186	Injuries, total ²	30,200	28,425	28,215	30,800
Structure fires of incendiary or suspicious origin	1,760	1,670	1,590	1,594	Residential property	21,000	19,825	20,440	22,600
Fires of incendiary origin	1,158	1,069	1,109	1,022	One- and two-family dwellings	16,100	15,250	15,200	17,125
Fires of suspicious origin	602	601	481	572	Apartments	3,600	3,925	4,765	4,950
					Vehicles	4,075	3,600	3,150	2,950

¹ Direct property loss only. ² Includes other not shown separately.

Source: National Fire Protection Association, Quincy, MA, "Fire Loss in the United States in 1988", *Fire Journal*, September 1989 (and prior issues). Copyright 1989.



Section 6

Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climatic data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes, such as the Environmental Protection Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

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. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census, revising figures to take into account new entities, new reservoirs, better maps, and obvious errors and inconsistencies until the 1990 census.

For the 1990 census, area measurements were calculated by computer based on the information contained in a single, consistent geographic data base, the TIGER File (described below), rather than relying on historical and local information. This especially affects inland water areas in 1990, which had only covered those bodies of water of least 40 acres and those streams with a width of at least one-eighth of a statute mile from 1940 to 1980. Inland water areas in 1990 increased as any body of water or stream that appeared in the TIGER data base was reflected. Also, water areas shown in the 1990 census data files reflect all water whereas previous area measurements reported in the censuses were only for inland water.

Geography.—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, geographic information systems, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the Earth Sciences Information Center, water resources data through a multi-volume *Catalog of Information on Water Data*, and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey*. In a joint project with the Census Bureau, the Geological Survey has provided the basic information on geographic features for input into a national geographic and cartographic data base being prepared by the Census Bureau called the TIGER (Topologically Integrated Geographic Encoding and Referencing) System.

Maps prepared by the Bureau of the Census show names and boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas, and are available as of the specific decennial census. An inventory of most of these areas is available for the 1990 census both in printed and tape form in the *Geographic Identification Code Scheme* and for the 1987 economic censuses in *Geographic Reference Manual* (EC87-R-1). The Census Bureau maintains a current inventory of political units and, for many entities, their

legal boundaries through its annual Boundary and Annexation Survey. The TIGER data base contains information on the political and statistical entities used by the Census Bureau, as well as on both manmade and natural features, such as streets, roads, railroads, rivers, and lakes; information is available to the public in form of TIGER machine-readable extract files.

An inventory of the nation's land resources by type of use/cover was conducted by the Soil Conservation Service in 1982. The results, published in the *1982 National Inventory of Land Resources*, cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska. Data for 1987 are forthcoming in 1990.

Environment.—The CEQ is responsible for overseeing the environmental assessment process, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on environmental conditions, trends, programs and activities in its annual publication, *Environmental Quality*. The CEQ has also published unique compilations of environmental data in *Environmental Statistics, 1979*, and has recently published a new edition of *Environmental Trends*. The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

National Ambient Air Quality Standards (NAAQS) for suspended particulate matter, sulfur dioxide, photochemical oxidants, carbon monoxide, and nitrogen dioxide were originally set by the EPA in April 1971. Every 5 years each of the NAAQS are reviewed and revised if new health or welfare data indicates that a change is necessary. The standard for photochemical oxidants now called ozone was revised in February 1979. Also, a new NAAQS for lead was promulgated in October 1978 and for suspended particulate matter in 1987. Table 359 gives some of the health-related standards for the six air pollutants having NAAQS. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are 1,750 non-Federal sampling stations for suspended particulates, 374 for sulfur dioxide, 248 for carbon monoxide, 388 for ozone, 116 for nitrogen dioxide, and 139 for lead. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in annual reports on the nationwide status and trends in air quality; for details, see *National Air Quality and Emissions Trends Report, 1988*.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. 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 on control activities. Data on government expenditures are reported in an annual series of publications, *Government Finances*, which covers expenditures on sewage and sanitation outlays. Industry data are reported annually in *Current Industrial Reports*. CEQ publishes some expenditure data in *Environmental Quality*.

Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951-80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1989, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65 degrees F produces one heating degree day. For example, if the maximum temperature is 70 degrees F and the minimum temperature is 52 degrees F, the average temperature for the day is 61 degrees, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65 degrees F. The monthly degree day normals represent the average accumulation of the daily values for the month.

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

No. 347. Land and Water Area of States: 1990

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

REGION, DIVISION, AND STATE	Year admitted to state- hood	TOTAL AREA			LAND AREA ¹		WATER AREA ²	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States	(X)	(X)	3,787,425	9,809,431	3,536,342	9,159,125	251,083	650,306
Northeast	(X)	(X)	181,252	469,442	162,274	420,289	18,978	49,152
New England	(X)	(X)	71,997	186,472	62,812	162,682	9,185	23,790
Maine	1820	39	35,387	91,653	30,865	79,939	4,523	11,714
New Hampshire	³ 1788	46	9,351	24,219	8,968	23,231	382	988
Vermont	³ 1791	45	9,615	24,903	9,249	23,956	366	947
Massachusetts	³ 1788	44	10,555	27,337	7,838	20,300	2,717	7,037
Rhode Island	³ 1790	50	1,545	4,002	1,045	2,706	500	1,295
Connecticut	³ 1788	48	5,544	14,358	4,845	12,550	698	1,808
Middle Atlantic	(X)	(X)	109,255	282,970	99,462	257,607	9,792	25,362
New York	³ 1788	27	54,475	141,089	47,224	122,310	7,251	18,779
New Jersey	³ 1787	47	8,722	22,590	7,419	19,215	1,303	3,375
Pennsylvania	³ 1787	33	46,058	119,291	44,820	116,083	1,239	3,208
Midwest	(X)	(X)	821,872	2,128,648	751,521	1,946,440	70,350	182,208
East North Central	(X)	(X)	301,479	780,830	243,539	630,766	57,940	150,064
Ohio	1803	34	44,828	116,103	40,953	106,067	3,875	10,036
Indiana	1816	38	36,420	94,328	35,870	92,904	550	1,424
Illinois	1818	25	57,918	150,007	55,593	143,987	2,325	6,021
Michigan	1837	11	96,810	250,738	56,809	147,136	40,001	103,603
Wisconsin	1848	23	65,503	169,653	54,314	140,673	11,190	28,981
West North Central	(X)	(X)	520,393	1,347,817	507,982	1,315,674	12,410	32,143
Minnesota	1858	12	86,943	225,182	79,617	206,207	7,326	18,974
Iowa	1846	26	56,276	145,754	55,875	144,716	401	1,038
Missouri	1821	21	69,709	180,546	68,898	178,446	811	2,100
North Dakota	1889	19	70,704	183,123	68,994	178,695	1,710	4,428
South Dakota	1889	17	77,121	199,745	75,898	196,575	1,224	3,169
Nebraska	1867	16	77,358	200,358	76,878	199,113	481	1,245
Kansas	1861	15	82,282	213,110	81,823	211,922	459	1,189
South	(X)	(X)	919,937	2,382,636	871,070	2,256,071	48,867	126,565
South Atlantic	(X)	(X)	292,993	758,853	266,220	689,510	26,773	69,343
Delaware	³ 1787	49	2,489	6,447	1,955	5,062	535	1,385
Maryland	³ 1788	42	12,407	32,135	9,775	25,316	2,633	6,819
District of Columbia	(X)	(X)	68	177	61	159	7	18
Virginia	³ 1788	35	42,769	110,771	39,598	102,558	3,171	8,213
West Virginia	1863	41	24,231	62,759	24,087	62,384	145	375
North Carolina	³ 1789	28	53,821	139,397	48,718	126,180	5,103	13,217
South Carolina	³ 1788	40	32,007	82,898	30,111	77,988	1,896	4,911
Georgia	³ 1788	24	59,441	153,953	57,919	150,010	1,522	3,943
Florida	1845	22	65,758	170,313	53,997	139,852	11,761	30,461
East South Central	(X)	(X)	183,414	475,042	178,616	462,615	4,798	12,427
Kentucky	1792	37	40,411	104,665	39,732	102,907	679	1,758
Tennessee	1796	36	42,146	109,158	41,220	106,759	926	2,400
Alabama	1819	30	52,423	135,775	50,750	131,443	1,673	4,332
Mississippi	1817	32	48,434	125,443	46,914	121,506	1,520	3,937
West South Central	(X)	(X)	443,530	1,148,742	426,234	1,103,946	17,296	44,795
Arkansas	1836	29	53,182	137,742	52,075	134,875	1,107	2,867
Louisiana	1812	31	51,843	134,275	43,566	112,836	8,277	21,439
Oklahoma	1907	20	69,903	181,049	68,679	177,877	1,224	3,171
Texas	1845	2	268,601	695,676	261,914	678,358	6,687	17,319
West	(X)	(X)	1,864,365	4,828,706	1,751,477	4,536,325	112,888	292,381
Mountain	(X)	(X)	863,614	2,236,760	856,122	2,217,356	7,492	19,403
Montana	1889	4	147,046	380,850	145,556	376,991	1,490	3,859
Idaho	1890	14	83,574	216,456	82,751	214,325	823	2,131
Wyoming	1890	10	97,818	253,349	97,105	251,501	714	1,848
Colorado	1876	8	104,100	269,620	103,730	268,660	371	960
New Mexico	1912	5	121,598	314,939	121,365	314,334	234	605
Arizona	1912	6	114,006	295,276	113,642	294,333	364	943
Utah	1896	13	84,904	219,902	82,168	212,816	2,736	7,086
Nevada	1864	7	110,567	286,368	109,806	284,397	761	1,971
Pacific	(X)	(X)	1,000,751	2,591,946	895,355	2,318,968	105,397	272,978
Washington	1889	18	71,303	184,674	66,582	172,447	4,721	12,227
Oregon	1859	9	98,386	254,819	98,003	248,647	2,383	6,172
California	1850	3	163,707	424,002	155,973	403,970	7,734	20,031
Alaska	1959	1	656,424	1,700,139	570,374	1,477,267	86,051	222,871
Hawaii	1959	43	10,932	28,313	6,423	16,636	4,508	11,676

X Not applicable. ¹ Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres. ² Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more; 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 under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U. S. jurisdiction but not defined as inland water. ³ Year of ratification of Constitution; one of the original 13 States.

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

No. 348. Territorial Expansion of the United States and Acquisitions of Other Areas

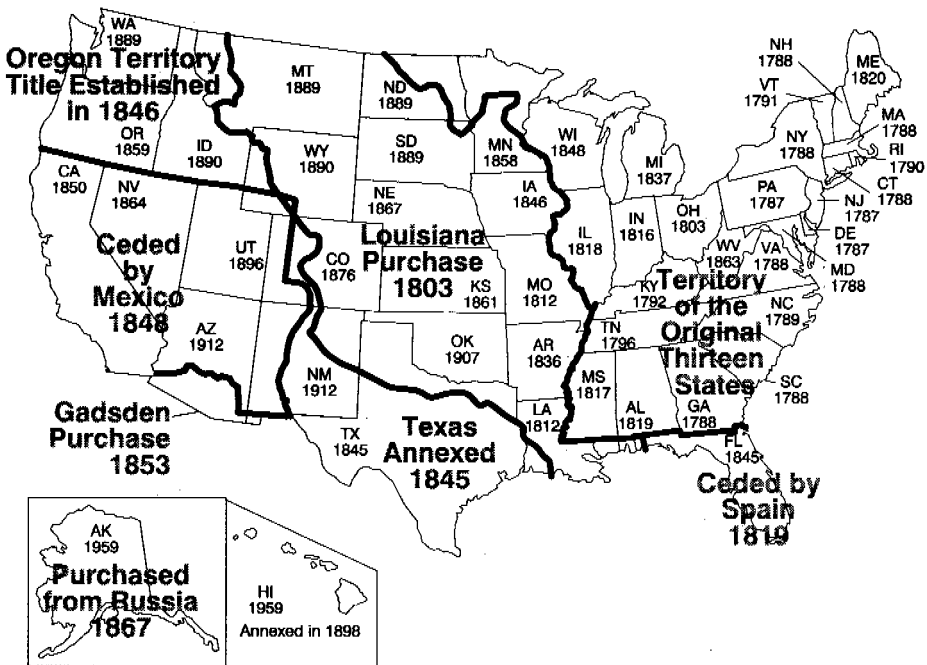
[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations 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.
Total	(X)	3,623,434	9,384,694	Hawaii	1898	6,471	16,760
United States	(X)	3,618,770	9,372,614	Other areas:			
Territory in 1790 ¹	(X)	891,364	2,308,633	Puerto Rico	² 1898	3,515	9,104
Louisiana Purchase	1803	831,321	2,153,121	Guam	³ 1898	209	541
Purchase of Florida	1819	69,866	180,953	American Samoa	⁴ 1899	77	199
Texas	1845	384,958	997,041	Virgin Islands of the U.S.	1917	132	342
Oregon	1846	283,439	734,107	Pacific Islands			
Mexican Cession	1848	530,706	1,374,529	Trust Territory of the	⁵ 1947	533	1,380
Gadsden Purchase	1853	29,640	76,768	No. Mariana Islands ⁶	1947	184	477
Alaska	1867	581,004	1,530,700	All other ⁶	(X)	14	36

X Not applicable. ¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. ² Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. ³ Acquired 1898; ratified 1899. ⁴ Acquired 1899; ratified 1900. ⁵ Land area only. Under trusteeship in 1980. ⁶ Comprises the following islands with gross areas as indicated in square miles: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. km.), which are considered to be under the jurisdiction of Kiribati since 1979, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

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

Figure 6.1
Territorial Expansion of the United States and
Acquisitions of Other Principal Areas



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 348.

No. 349. Area and Acquisition of the Federal Public Domain: 1781 to 1988

[In millions of acres. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 348 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, total	YEAR	LAND AREA ¹			YEAR AND ACQUISITION	ACREAGE		
			Total	Public domain	Acquired		Total	Land	In-land water
1802.	200.0	1975.	760.4	702.9	57.5	Aggregate	1,837.8	1,804.7	33.1
1850.	1,200.0	1976.	762.2	702.8	59.4				
1880.	900.0	1977.	741.5	683.3	58.2	1781-1802 (State Cessions).	236.8	233.4	3.4
1912.	600.0	1978.	775.2	712.0	63.3	1803, Louisiana Purchase ²	529.9	523.4	6.5
1946.	413.0	1979.	744.1	684.3	59.8	1819, Cession from Spain	46.1	43.3	2.8
1950.	412.0	1980.	719.5	648.0	71.5	Red River Basin ³	29.6	29.1	0.5
1955.	407.9	1981.	730.8	668.7	62.2	1846, Oregon Compromise	163.4	180.6	2.7
1959.	788.6	1982.	729.8	670.0	59.8	1848, Mexican Cession ²	338.7	334.5	4.2
1960.	771.5	1983.	732.0	672.4	59.6	1850, Purchase from Texas	78.9	78.8	.1
1965.	765.8	1984.	726.6	658.9	67.7	1853, Gadsden Purchase	19.0	19.0	(Z)
1970.	761.3	1985.	726.7	656.2	70.5	1867, Alaska Purchase	375.3	362.5	12.8
1971.	760.2	1986.	727.1	662.7	64.4				
1972.	760.7	1987.	724.3	661.0	63.3				
1973.	761.0	1988.	688.2	623.2	65.0				
1974.	760.5								

Z Less than 50,000. ¹ Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. *Property Owned by the United States Throughout the World*, annual.

² Treaty of 1819 with Spain. Such areas are included in figures for the North, south of 49th parallel. Authorities differ as to method

and date of its acquisition. Some hold it as part of the 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. 350. Total and Federally Owned Land, 1960 to 1988, and by State, 1988

[As of end of fiscal year; see text, section 9. Total land area figures are not comparable with those in table 347]

REGION, DIVISION AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹		REGION, DIVISION AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹	
			Acres (1,000)	Per cent				Acres (1,000)	Per cent
1960.	2,273,407	1,501,894	771,512	33.9	South.	561,238	532,041	29,197	5.2
1965.	2,271,343	1,505,546	765,797	33.7	S.A.	171,325	159,593	11,732	6.8
1970.	2,271,343	1,510,042	761,301	33.5	DE.	1,266	1,236	30	2.4
1975.	2,271,343	1,510,929	760,414	33.5	MD.	6,319	6,122	197	3.1
1980.	2,271,343	1,551,822	719,522	31.7	DC.	39	28	11	28.4
1985.	2,271,343	1,544,658	726,686	32.0	VA.	25,496	23,586	1,910	7.5
1986.	2,271,343	1,544,230	727,113	32.0	WV.	15,411	14,002	1,409	9.1
1987.	2,271,343	1,547,277	724,066	31.9	NC.	31,403	29,164	2,239	7.1
					SC.	19,374	18,193	1,181	6.1
1988, total.	2,271,343	1,583,090	688,253	30.3	GA.	37,295	35,803	1,493	4.0
Northeast.	104,700	102,279	2,421	2.3	FL.	34,721	31,460	3,262	9.4
N.E.	40,401	39,044	1,357	3.4	E.S.C.	115,141	110,179	4,962	4.3
ME.	19,848	19,695	153	0.8	KY.	25,512	24,120	1,392	5.5
NH.	5,769	5,020	749	13.0	TN.	26,728	25,372	1,355	5.1
VT.	5,937	5,583	354	6.0	AL.	32,678	32,129	550	1.7
MA.	5,035	4,952	83	1.6	MS.	30,223	28,558	1,665	5.5
RI.	677	673	5	0.7	W.S.C.	274,772	262,269	12,503	4.6
CT.	3,135	3,121	14	0.4	AR.	33,599	31,214	2,386	7.1
M.A.	64,299	63,235	1,064	1.7	LA.	28,868	22,330	6,538	22.6
NY.	30,681	30,441	240	0.8	OK.	44,088	43,212	875	2.0
NJ.	4,813	4,651	163	3.4	TX.	168,218	165,513	2,705	1.6
PA.	28,804	28,143	662	2.3	West	1,122,535	483,111	639,424	57.0
Midwest.	482,870	465,659	17,211	3.6	Mt.	548,449	294,971	253,477	46.2
E.N.C.	156,679	149,910	6,769	4.3	MT.	93,271	65,826	27,445	29.4
OH.	26,222	25,892	330	1.3	ID.	52,933	20,839	32,094	60.6
IN.	23,158	22,689	469	2.0	WY.	62,343	33,337	29,006	46.5
IL.	35,795	35,300	495	1.4	CO.	66,486	46,705	19,781	29.8
MI.	36,492	32,922	3,570	9.8	NM.	77,766	52,021	25,746	33.1
WI.	35,011	33,108	1,904	5.4	AZ.	72,688	40,328	32,360	44.5
W.N.C.	326,191	315,749	10,443	3.2	UT.	52,697	21,061	31,636	60.0
MN.	51,206	48,801	2,404	4.7	NV.	70,264	14,855	55,409	78.9
IA.	35,860	35,701	159	0.4	Pac.	574,086	188,139	385,947	67.2
MO.	44,248	42,217	2,032	4.6	WA.	42,694	30,039	12,654	29.6
ND.	44,452	42,494	1,958	4.4	OR.	61,599	29,388	32,211	52.3
SD.	48,882	46,206	2,676	5.5	CA.	100,207	55,647	44,560	44.5
NE.	49,032	48,508	524	1.1	AK.	365,482	69,245	296,237	81.1
KS.	52,511	51,821	689	1.3	HI.	4,106	3,821	285	6.9

¹ Excludes trust properties.

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

No. 351. Land Cover/Use, by State: 1987

[In thousands of acres. Excludes Alaska and District of Columbia]

STATE	Total surface area ¹	Federal land	NONFEDERAL LAND							
			Total	Developed ¹	Rural					
					Total	Crop-land	Pasture-land	Range-land	Forest land	Minor cover/use
United States	1,937,726	404,069	1,484,156	77,305	1,406,851	422,416	129,021	401,685	393,904	59,826
Northeast	108,080	2,392	100,778	9,611	91,166	14,532	7,569	-	64,246	4,720
New England	42,670	1,332	38,609	3,005	35,604	2,311	1,248	-	30,307	1,739
Maine	21,290	161	19,517	508	19,009	943	419	-	16,933	714
New Hampshire	5,938	729	4,971	372	4,599	163	115	-	4,052	269
Vermont	6,153	335	5,556	208	5,348	653	388	-	4,184	122
Massachusetts	5,302	89	4,849	1,063	3,786	291	179	-	2,937	379
Rhode Island	776	4	661	161	500	22	37	-	404	37
Connecticut	3,212	14	3,056	693	2,362	239	110	-	1,797	218
Middle Atlantic	65,410	1,060	62,168	6,606	55,562	12,221	6,422	-	33,939	2,981
New York	31,429	234	29,782	2,485	27,297	5,774	3,686	-	16,650	1,187
New Jersey	4,984	148	4,563	1,325	3,239	673	229	-	1,890	447
Pennsylvania	28,997	677	27,823	2,796	25,027	5,774	2,507	-	15,398	1,348
Midwest	490,474	17,883	460,128	23,789	436,339	233,455	40,718	71,859	71,837	18,670
East North Central	159,066	6,289	148,602	12,368	136,233	72,743	12,982	-	42,482	8,027
Ohio	26,451	347	25,686	2,925	22,762	12,537	2,444	-	6,426	1,354
Indiana	23,159	487	22,302	1,780	20,522	13,930	2,073	-	3,698	821
Illinois	36,061	492	34,792	2,792	32,000	25,121	2,689	-	3,447	744
Michigan	37,457	3,130	33,051	2,921	30,130	9,484	2,735	-	15,483	2,429
Wisconsin	35,938	1,813	32,770	1,951	30,820	11,671	3,041	-	13,428	2,680
West North Central	331,408	11,615	311,527	11,421	300,105	160,713	27,736	71,859	29,155	10,843
Minnesota	54,017	3,390	47,077	2,136	44,941	22,990	3,425	157	13,952	4,417
Iowa	36,016	172	35,387	1,688	33,699	27,031	3,866	-	1,841	961
Missouri	44,606	2,060	41,655	2,165	39,491	15,090	12,606	56	10,959	781
North Dakota	45,250	1,882	42,255	1,242	41,013	28,064	1,206	9,933	428	1,382
South Dakota	49,354	2,873	45,467	1,064	44,403	17,819	2,354	22,152	565	1,513
Nebraska	49,507	652	48,218	1,250	46,967	20,601	1,957	22,900	728	782
Kansas	52,658	587	51,467	1,876	49,592	29,119	2,324	16,660	681	808
South	575,044	26,391	527,041	30,657	496,384	107,532	67,937	113,837	189,507	17,571
South Atlantic	178,469	12,757	156,196	13,346	142,849	26,495	16,165	3,592	88,408	8,190
Delaware	1,309	33	1,213	165	1,048	521	30	-	357	141
Maryland	6,695	159	6,048	936	5,111	1,795	514	-	2,415	388
Virginia	26,091	2,368	22,812	1,663	21,150	3,309	3,315	-	13,622	904
West Virginia	15,508	1,116	14,227	532	13,695	1,053	1,892	-	10,466	284
North Carolina	33,708	2,309	28,622	2,487	26,135	6,548	1,992	-	16,528	1,067
South Carolina	19,912	1,340	17,785	1,422	16,363	3,371	1,177	-	11,073	742
Georgia	37,702	2,062	34,664	2,375	32,289	6,307	3,040	-	21,880	1,083
Florida	37,545	3,369	30,825	3,766	27,059	3,592	4,205	3,592	12,088	3,583
East South Central	116,446	5,116	108,068	5,705	102,363	22,870	18,493	96	58,115	2,769
Kentucky	25,862	1,169	24,023	1,224	22,799	5,818	5,955	-	10,554	972
Tennessee	26,972	1,369	24,759	1,669	23,090	5,765	5,019	-	11,601	706
Alabama	33,091	904	31,230	1,640	29,591	4,210	3,595	96	21,017	673
Mississippi	30,521	1,674	28,056	1,172	26,884	7,078	3,924	-	15,443	439
West South Central	280,129	8,518	262,778	11,606	251,172	58,167	33,279	110,149	42,984	6,593
Arkansas	34,040	3,129	29,904	1,232	28,672	8,182	5,678	164	14,268	380
Louisiana	30,561	1,174	26,472	1,455	25,016	6,484	2,276	234	12,736	3,286
Oklahoma	44,772	1,176	42,431	1,716	40,715	11,557	7,790	14,546	6,505	517
Texas	170,756	3,040	163,971	7,203	156,768	31,944	17,735	95,204	9,476	2,410
West	764,128	357,403	396,209	13,247	382,962	66,896	12,697	215,989	68,514	18,865
Mountain	552,680	266,171	280,033	5,964	274,069	44,235	7,828	182,653	27,532	11,822
Montana	94,109	27,074	65,682	999	64,682	17,681	3,169	36,769	5,253	1,611
Idaho	53,481	33,190	19,628	477	19,152	6,532	1,354	6,596	4,071	600
Wyoming	62,598	29,457	32,576	501	32,075	2,362	928	26,784	984	1,017
Colorado	66,818	23,833	42,320	1,375	40,945	10,967	1,266	23,427	4,079	1,207
New Mexico	77,819	26,423	51,144	698	50,445	2,297	186	40,782	4,685	2,496
Arizona	72,960	30,647	41,994	1,116	40,878	1,306	81	31,867	4,912	2,712
Utah	54,336	35,476	16,440	465	15,975	2,002	563	8,507	3,194	1,711
Nevada	70,759	60,071	10,250	333	9,916	889	282	7,921	356	469
Pacific	211,448	91,232	116,176	7,283	108,893	22,662	4,869	33,337	40,982	7,043
Washington	43,608	12,471	29,947	1,564	28,383	7,758	1,421	5,574	12,634	997
Oregon	62,127	32,305	29,618	941	27,977	4,348	1,916	9,152	11,857	705
California	101,572	46,014	53,654	4,621	49,033	10,209	1,501	17,719	15,073	4,531
Hawaii	4,141	443	3,657	157	3,500	348	31	891	1,419	811

- Represents zero. ¹ Includes urban and built-up areas in units of 10 acres or greater, and rural transportation.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, and Iowa State University, Statistical Laboratory; Statistical Bulletin No. 790, Summary Report, 1987 National Resources Inventory, December 1989.

No. 352. 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 (AK)	20,320	6,198	Death Valley (CA)	-282	-86	2,500	763
AL	Cheaha Mountain	2,405	733	Gulf of Mexico	(¹)	(¹)	500	153
AK	Mount McKinley	20,320	6,198	Pacific Ocean	(¹)	(¹)	1,900	580
AZ	Humphreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
AR	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
CA	Mount Whitney	14,491	4,420	Death Valley	-282	-86	2,900	885
CO	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
CT	Mt. Frissell on South slope	2,380	726	Long Island Sound	(¹)	(¹)	500	153
DE	Ebright Road							
DC	New Castle County	442	135	Atlantic Ocean	(¹)	(¹)	60	18
FL	Tenleytown	410	125	Potomac River	1	(Z)	150	46
	Sec. 30, T6N, R20W, Walton County							
		345	105	Atlantic Ocean	(¹)	(¹)	100	31
GA	Brasstown Bald	4,784	1,459	Atlantic Ocean	(¹)	(¹)	600	183
HI	Puu Wekiu	13,796	4,208	Pacific Ocean	(¹)	(¹)	3,030	924
ID	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
IL	Charles Mound	1,235	377	Mississippi River	279	85	600	183
IN	Franklin Twp., Wayne Co	1,257	383	Ohio River	320	98	700	214
IA	Sec. 29, T10N, R41W, Osceola County							
		1,670	509	Mississippi River	480	146	1,100	336
KS	Mount Sunflower	4,039	1,232	Vardigris River	679	207	2,000	610
KY	Black Mountain	4,139	2,162	Mississippi River	257	78	750	229
LA	Driskill Mountain	535	163	New Orleans	-8	-2	100	31
ME	Mount Katahdin	5,267	1,606	Atlantic Ocean	(¹)	(¹)	600	183
MD	Backbone Mountain	3,360	1,025	Atlantic Ocean	(¹)	(¹)	350	107
MA	Mount Greylock	3,487	1,064	Atlantic Ocean	(¹)	(¹)	500	153
MI	Mount Arvon	1,979	604	Lake Erie	572	174	900	275
MN	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	366
MS	Woodall Mountain	806	246	Gulf of Mexico	(¹)	(¹)	300	92
MO	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
MT	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
NE	Johnson Twp., Kimball Co	5,426	1,655	Missouri River	840	256	2,600	793
NV	Boundary Peak	13,140	4,007	Colorado River	479	146	5,500	1,678
NH	Mount Washington	6,288	1,918	Atlantic Ocean	(¹)	(¹)	1,000	305
NJ	High Point	1,803	550	Atlantic Ocean	(¹)	(¹)	250	76
NM	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,842	867	5,700	1,739
NY	Mount Marcy	5,344	1,630	Atlantic Ocean	(¹)	(¹)	1,000	305
NC	Mount Mitchell	6,684	2,039	Atlantic Ocean	(¹)	(¹)	700	214
ND	White Butte, Slope Co	3,506	1,069	Red River	750	229	1,900	580
OH	Campbell Hill	1,549	472	Ohio River	455	139	850	259
OK	Black Mesa	4,973	1,517	Little River	289	88	1,300	397
OR	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
RI	Jerimoth Hill	812	248	Atlantic Ocean	(¹)	(¹)	200	61
SC	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(¹)	(¹)	350	107
SD	Harney Peak	7,242	2,209	Big Stone Lake	966	295	2,200	671
TN	Clingmans Dome	6,643	2,026	Mississippi River	178	54	900	275
TX	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(¹)	(¹)	1,700	519
UT	Kings Peak	13,528	4,126	Beaverdam Wash	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
WA	Mount Rainier	14,410	4,395	Pacific Ocean	(¹)	(¹)	1,700	519
WV	Spruce Knob	4,861	1,483	Potomac River	240	73	1,500	458
WI	Timms Hill	1,951	595	Lake Michigan	581	177	1,050	320
WY	Gannett Peak	13,804	4,210	Belle Fourche River	3,099	945	6,700	2,044
Other areas:								
Puerto Rico	Cerro de Punta	4,390	1,339	Atlantic Ocean	(¹)	(¹)	1,800	549
American Samoa	Lata Mountain	3,160	964	Pacific Ocean	(¹)	(¹)	1,300	397
Guam	Mount Lamam	1,332	406	Pacific Ocean	(¹)	(¹)	330	101
Virgin Is... ..	Crown Mountain	1,556	475	Atlantic Ocean	(¹)	(¹)	750	229

Z Less than .5 meter. ¹ Sea level. ² "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.

Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1989.

No. 353. Flows of Largest U.S. Rivers—Length, Discharge, and Drainage Area

RIVER	Location of mouth	Source stream (name and location)	Length (miles) ¹	Average discharge at mouth (1,000 cubic ft. per second)	Drainage area (1,000 sq. mi.)
Mississippi	Louisiana	Mississippi River, MN.	2,340	593	4 ⁵ 1,150
St. Lawrence	Canada	North River, MN.	1,900	348	386
Ohio	Illinois-Kentucky	Allegheny River, PA.	1,310	281	203
Columbia	Oregon-Washington	Columbia River, Canada	1,240	265	250
Yukon	Alaska	McNeil River, Canada	1,980	225	328
Missouri	Missouri	Red Rock Creek, MT.	2,540	76.2	529
Tennessee	Kentucky	Courthouse Creek, NC.	886	68	40.9
Mobile	Alabama	Tickenetley Creek, GA.	774	67.2	44.6
Kuskokwim	Alaska	South Fork Kuskokwim River, AK.	724	67	48
Copper	Alaska	Copper River, AK.	286	59	24.4
Atchafalaya ⁶	Louisiana	Tierra Blanca Creek, NM.	1,420	58	95.1
S Snake	Washington	S Snake River, WY.	1,040	56.9	108
Red	Louisiana	Tierra Blanca Creek, NM.	1,290	56	93.2
Stikine	Alaska	Stikine River, Canada.	379	56	320
Susitna	Alaska	Susitna River, AK.	313	51	20
Tanana	Alaska	Nabesna River, AK.	659	41	44.5
Arkansas	Arkansas	East Fork Arkansas River, CO.	1,460	41	161
Susquehanna	Maryland	Hayden Creek, NY.	447	38.2	27.2
Willamette	Oregon	Middle Fork Willamette River, OR.	309	37.4	11.4
Nushagak	Alaska	Nushagak River, AK.	285	36	13.4
Alabama	Alabama	Tickenetley Creek, GA.	729	34.6	22.8
Wabash	Indiana-Illinois	Wabash River, OH.	512	31	32.9
White	Arkansas	White River, AR.	722	30.5	27.8
Pend Oreille	Canada	Blacktail Creek, MT.	531	30.4	26.3
Aisek	Alaska	Aishihik River, Canada	290	30	10.7

¹ From source to mouth. ² The length from the source of the Missouri River to the Mississippi River and thence to the Gulf of Mexico is about 3,710 miles. ³ Includes about 167,000 cubic ft. diverted from the Mississippi into the Atchafalaya River but excludes the flow of the Red River. ⁴ Excludes the drainage areas of the Red and Atchafalaya Rivers. ⁵ Drainage area includes both the U.S. and Canada. ⁶ In east-central Louisiana, the Red River flows into the Atchafalaya River, a distributary of the Mississippi River. Data on average discharge, length, and drainage area include the Red River, but exclude all water diverted into the Atchafalaya from the Mississippi River.

Source: U.S. Geological Survey, *Largest Rivers in the United States*, Open File Report 87-242, August 1987.

No. 354. 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.
Total	74,364	192,603	Gulf of Mexico coastal water	3,837	9,938
Atlantic coastal water	2,298	5,952	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	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
Chesapeake Bay	3,237	8,384	Indiana	228	591
Maryland	1,726	4,470	Michigan	13,037	33,766
Virginia	1,511	3,913	Wisconsin	7,387	19,132
Delaware Bay	665	1,722	New York Harbor	92	238
Delaware	350	907	New Jersey	69	179
New Jersey	315	816	New York	23	60
Lake Erie	5,002	12,955	Lake Ontario: New York	3,033	78
Michigan	216	559	Pacific coastal water	343	888
New York	594	1,538	California	69	179
Ohio	3,457	8,954	Oregon	48	124
Pennsylvania	735	1,904	Washington	226	585
Straits of Georgia and Juan de Fuca:			Puget Sound: Washington	561	1,453
Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	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. 355. Water Withdrawals and Consumptive Use—States and Other Areas: 1985

In millions of gallons per day, except as noted. Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water]

STATE OR OTHER AREA	WATER WITHDRAWN								Con- sumptive use, ⁵ fresh water
	Total ¹	Per capita (gal. per day) fresh	Source		Selected major uses ²				
			Ground water	Surface water	Irriga- tion	Public supply ³	Indus- trial ⁴	Thermo- electric	
United States	399,000	1,400	74,000	325,000	137,000	39,900	29,300	187,000	92,300
Alabama	8,600	2,140	347	8,250	69	654	851	6,920	541
Alaska	406	727	72	334	-	86	133	30	27
Arizona	6,430	1,960	3,100	3,330	5,520	645	133	58	3,700
Arkansas	5,910	2,500	3,810	2,100	3,870	317	175	1,090	3,210
California	49,700	1,420	15,100	34,600	30,600	5,450	1,159	12,180	21,100
Colorado	13,600	4,190	2,340	11,200	12,400	754	211	110	4,850
Connecticut	3,780	375	144	3,640	3	401	147	3,210	106
Delaware	1,650	222	79	1,580	27	87	410	1,121	39
District of Columbia	348	556	-	348	-	218	-	130	24
Florida	17,000	554	4,050	12,930	2,910	1,939	679	11,351	2,730
Georgia	5,450	899	1,000	4,440	453	935	656	3,326	838
Hawaii	2,150	1,100	655	1,490	906	215	20	970	132
Idaho	22,300	22,200	4,800	17,500	20,600	301	334	-	5,290
Illinois	14,500	1,250	968	13,500	71	1,910	639	11,700	686
Indiana	8,030	1,470	635	7,400	47	714	2,751	4,480	454
Iowa	2,770	960	671	2,090	67	415	260	1,810	473
Kansas	5,670	2,310	4,800	866	4,730	358	95	415	4,710
Kentucky	4,200	1,130	205	3,990	8	451	266	3,410	260
Louisiana	10,400	2,210	1,440	8,980	1,480	675	2,100	5,964	2,090
Maine	1,520	733	66	1,460	2	127	250	1,074	203
Maryland	6,710	321	219	6,490	34	834	371	5,429	423
Massachusetts	9,660	1,070	315	9,340	16	802	153	8,450	316
Michigan	11,400	1,270	600	10,800	210	1,373	1,385	8,390	611
Minnesota	2,830	676	685	2,150	209	604	457	1,470	768
Mississippi	2,510	885	1,580	933	886	328	236	670	661
Missouri	6,110	1,210	640	5,470	306	699	116	4,930	504
Montana	8,650	10,500	203	8,450	8,300	174	60	67	1,900
Nebraska	10,000	6,250	5,590	4,450	7,270	272	167	2,210	4,910
Nevada	3,740	3,860	908	2,830	3,350	300	35	23	1,890
New Hampshire	894	688	84	810	1	111	239	543	76
New Jersey	6,940	307	668	6,270	132	1,114	1,137	4,546	279
New Mexico	3,280	2,320	1,510	1,780	2,820	264	83	59	1,530
New York	15,200	508	1,100	14,100	38	3,051	1,080	10,870	1,400
North Carolina	6,760	1,260	435	8,320	132	764	539	7,266	439
North Dakota	1,160	1,690	127	1,040	154	84	13	892	201
Ohio	12,700	1,180	730	12,000	17	1,559	540	10,500	396
Oklahoma	1,270	386	568	707	445	547	113	134	576
Oregon	6,540	2,450	660	5,880	5,710	496	301	12	2,600
Pennsylvania	14,300	1,210	799	13,500	11	1,784	2,208	10,200	589
Rhode Island	409	152	27	381	3	122	20	261	23
South Carolina	6,820	2,040	214	6,610	34	421	1,130	5,186	340
South Dakota	675	956	249	425	460	96	46	4	361
Tennessee	8,450	1,770	444	8,010	9	697	1,613	6,060	275
Texas	25,300	1,230	7,410	17,900	8,120	3,095	2,763	11,010	8,650
Utah	4,320	2,540	815	3,500	3,590	453	213	28	2,130
Vermont	126	235	37	89	1	65	55	1	26
Virginia	7,250	853	341	6,910	52	691	673	5,760	269
Washington	7,030	1,600	1,220	5,810	4,940	1,053	559	427	4,700
West Virginia	5,440	2,810	227	5,210	4	172	1,028	4,210	877
Wisconsin	6,740	1,400	570	6,170	84	659	461	5,440	321
Wyoming	6,220	12,200	526	5,700	5,660	111	184	236	2,670
Puerto Rico	2,600	176	175	2,430	157	409	18	2,005	163
Virgin Islands	124	68	2	123	-	6	14	103	1

- Represents zero. ¹ Includes self-supplied withdrawals for commercial use not shown separately under "use." ² Small amounts of use for commercial (1.2 mil. gallons) and livestock (4.4 mil. gallons) purposes are not shown separately. ³ Includes domestic withdrawals for normal household purposes. ⁴ Includes water used in mining. ⁵ Water that has been evaporated, transpired, or incorporated into products, plant or animal tissue; and therefore, is not available for immediate reuse.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1985*, circular 1004.

No. 356. U.S. Water Withdrawals and Consumptive Use Per Day by End Use: 1940 to 1985

[Includes Puerto Rico. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	Total (bil. gal.)	Per capita ¹ (gal.)	Irrigation (bil. gal.)	PUBLIC SUPPLY ²		Rural ⁴ (bil. gal.)	Industrial and misc. ⁵ (bil. gal.)	Steam electric utilities (bil. gal.)
				Total (bil. gal.)	Per capita ³ (gal.)			
WITHDRAWALS								
1940	140	1,027	71	10	75	3.1	29	23
1950	180	1,185	89	14	145	3.6	37	40
1955	240	1,454	110	17	148	3.6	39	72
1960	270	1,500	110	21	151	3.6	38	100
1965	310	1,602	120	24	155	4.0	46	130
1970	370	1,815	130	27	166	4.5	47	170
1975	420	1,972	140	29	168	4.9	45	200
1980	450	1,953	150	34	183	5.6	45	210
1985	400	1,650	140	38	189	7.8	30	190
CONSUMPTIVE USE								
1960	61	339	52	3.5	25	2.8	3.0	0.2
1965	77	403	66	5.2	34	3.2	3.4	0.4
1970	87	427	73	5.9	36	3.4	4.1	0.8
1975	96	451	80	6.7	38	3.4	4.2	1.9
1980	100	440	83	7.1	38	3.9	5.0	3.2
1985	92	380	74	(⁶)	(⁶)	9.2	6.1	6.2

¹ Based on Bureau of the Census resident population as of July 1. ² Includes commercial water withdrawals. ³ Based on population served. ⁴ Rural farm and nonfarm household and garden use, and water for farm stock and dairies. ⁵ For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air-conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous. ⁶ Public supply consumptive use included in end-use categories. ⁷ Includes public supply consumptive use for domestic and commercial purposes.

Source: 1940-1960, U.S. Bureau of Domestic Business Development, based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, thereafter, U.S. Geological Survey, *Estimated Use of Water in the United States in 1985*, circular 1004, and previous quinquennial issues.

No. 357. National Ambient Water Quality in Rivers and Streams—Violation Rate: 1980 to 1989

[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. Years refer to water years. A water year begins in Oct. and ends in Sept. μ g = micrograms; mg = milligrams. For metric conversion, see p. ix]

POLLUTANT	VIOLATION LEVEL	1980	1982	1983	1984	1985	1986	1987	1988	1989
Fecal coliform bacteria . . .	Above 200 cells per 100 ml . . .	31	33	34	30	28	24	23	22	20
Dissolved oxygen	Below 5 mg per liter	5	5	4	3	3	3	2	2	3
Phosphorus, total, as phosphorous	Above 1.0 mg per liter	4	3	3	4	3	3	3	4	3
Lead, dissolved	Above 50 μ g per liter	5	2	5	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Cadmium, dissolved	Above 10 μ g per liter	1	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

Z Less than 1.

Source: U.S. Geological Survey, national-level data, unpublished; State-level data, *Water-Data Report*, annual series prepared in cooperation with the State governments.

No. 358. Oil Polluting Incidents Reported in and Around U.S. Waters: 1973 to 1989

YEAR	Incidents	Gallons	YEAR	Incidents	Gallons
1973	11,054	15,289,188	1984	10,089	16,254,974
1974	12,083	15,739,792	1985	7,747	18,675,138
1975	10,998	21,528,444	1986	6,543	4,668,441
1976	11,066	18,517,384	1987	6,185	4,332,322
1977	10,979	8,188,398	1988	6,788	6,640,851
1978	12,174	11,035,890	1989, prel.	7,859	14,180,497
1979	11,556	10,051,271			
1980	9,886	12,638,848	Tankships	265	10,956,497
1981	9,589	8,919,789	Tank barges	639	2,206,970
1982	9,416	10,404,646	Other vessels	2,984	420,070
1983	10,530	8,378,719	Non-vessels	3,971	596,960

Source: U.S. Coast Guard. Based on unpublished data from the *Marine Safety Information System*, December 30, 1989.

No. 359. National Ambient Air Pollutant Concentrations: 1980 to 1988

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide is based on the second-highest, non-overlapping, 8-hour average; ozone, average of the second-highest daily maximum one hour value; and lead, quarterly average of ambient lead levels. Based on data from the National Aerometric Data Bank. $\mu\text{g}/\text{m}^3$ =micrograms of pollutant per cubic meter of air; ppm=parts per million]

POLLUTANT	Unit	Monitoring stations, number	Air quality standard	1980	1981	1982	1983	1984	1985	1986	1987	1988
CONCENTRATIONS												
Carbon monoxide	ppm	248	² 9	8.52	8.25	7.86	7.77	7.72	7.03	7.00	6.64	6.56
Ozone	ppm	388	³ 12	0.136	0.127	0.125	0.137	0.124	0.123	0.118	0.125	0.136
Sulfur dioxide	ppm	374	.03	0.011	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
Total suspended particulates	$\mu\text{g}/\text{m}^3$	1,750	75	64.2	60.3	50.1	49.7	51.2	48.8	48.6	49.7	50.5
Nitrogen dioxide	ppm	116	.053	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Lead	$\mu\text{g}/\text{m}^3$	139	⁴ 1.5	0.61	0.48	0.49	0.39	0.35	0.23	0.13	0.10	0.08
INDEX												
Carbon monoxide	1979=100	248	² 9	93.9	91.0	86.7	85.7	85.1	77.5	77.2	73.2	72.3
Ozone	1979=100	388	³ 12	101.5	94.8	93.3	102.2	92.5	91.8	88.1	93.3	101.5
Sulfur dioxide	1979=100	374	.03	90.8	86.7	80.0	76.7	78.3	73.3	70.8	69.2	70.0
Total suspended particulates	1979=100	1,750	75	101.7	95.6	79.4	78.8	81.1	77.3	77.0	78.8	80.0
Nitrogen dioxide	1979=100	116	.053	97.3	95.0	92.2	91.5	92.6	91.5	92.6	92.2	92.6
Lead	1979=100	139	⁴ 1.5	79.2	62.3	63.6	50.6	45.5	29.9	16.9	13.0	10.4

¹ Refers to the primary National Ambient Air Quality Standard that protects the public health. ² Based on 8-hour standard of 9 ppm. ³ Based on 1-hour standard of 12 ppm. ⁴ Based on 3-month standard of 1.5 $\mu\text{g}/\text{m}^3$.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1988*, February 1990.

No. 360. National Air Pollutant Emissions: 1940 to 1988

[In millions of metric tons, except lead in thousands of metric tons. Metric ton=1.1023 short tons. PM=Particulate matter, SO_x =Sulfur oxides, NO_x =Nitrogen oxides, VOC=volatile organic compound, CO=Carbon monoxide, Pb=Lead. NA Not available]

YEAR	EMISSIONS						PERCENT CHANGE FROM PRIOR YEAR					
	PM	SO_x	NO_x	VOC	CO	Pb	PM	SO_x	NO_x	VOC	CO	Pb
1940	23.1	17.6	6.9	15.2	82.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1950	24.9	19.8	9.4	18.1	87.6	(NA)	7.8	12.5	36.2	19.1	6.1	(NA)
1960	21.6	19.7	13.0	21.0	89.7	(NA)	-13.3	-0.5	38.3	16.0	2.4	(NA)
1970	18.5	26.3	18.5	25.0	101.4	203.8	-14.4	43.7	42.3	19.0	13.0	(NA)
1980	8.5	23.4	20.9	21.1	79.6	70.6	-54.1	-17.3	13.0	15.6	-21.5	-65.4
1981	8.0	22.6	20.9	19.8	77.4	56.4	-5.9	-3.4	0.0	-6.2	-2.8	-20.1
1982	7.1	21.4	20.0	18.4	72.4	54.4	-11.3	-5.3	-4.3	7.1	-6.5	-3.5
1983	7.1	20.7	19.3	19.3	74.5	46.4	0.0	-3.3	-3.5	4.9	2.9	-14.7
1984	7.4	21.5	19.8	20.3	71.8	40.1	4.2	3.9	2.6	5.2	-3.6	-13.6
1985	7.1	21.1	19.8	19.1	67.0	21.1	-4.1	-1.9	0.0	-5.9	-6.7	-47.4
1986	6.8	20.9	19.0	18.3	63.1	8.6	4.2	-0.9	-4.0	-4.2	-5.8	-59.2
1987	7.0	20.6	19.3	18.6	64.1	8.0	2.9	-1.4	1.6	1.6	1.6	-7.0
1988	6.9	20.7	19.8	18.6	61.2	7.6	-1.4	0.5	2.6	0.0	-4.5	-5.0

No. 361. Air Pollutant Emissions, by Pollutant and Source: 1970 to 1988

[In millions of metric tons, except lead in thousands of metric tons. Metric ton=1.1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS							Misc. uncontrol- lable	PERCENT OF TOTAL		
		Transportation		Fuel combustion ¹		Industrial processes	Solid waste disposal	Transportation		Fuel combustion ¹	Industrial	
		Total	Road vehicles	Total	Electric utilities							
1970: Carbon monoxide	101.4	74.4	65.3	4.5	0.2	8.9	6.4	7.2	73.4	4.4	8.8	
Sulfur oxides	28.4	0.6	0.3	21.3	15.8	6.4	-	0.1	2.1	75.0	22.5	
Volatile organic compounds	25.0	10.3	9.1	0.6	-	8.9	1.8	3.3	41.2	2.4	35.6	
Particulates	18.5	1.2	0.9	4.6	2.3	10.5	1.1	1.1	6.5	24.9	56.8	
Nitrogen oxides	18.5	8.0	6.3	9.1	4.4	0.7	0.4	0.3	43.2	49.2	3.8	
Lead	203.8	163.6	156.0	9.6	0.3	23.9	6.7	-	80.3	4.7	11.7	
1980: Carbon monoxide	79.6	56.1	48.7	7.4	0.3	6.3	2.2	7.6	70.5	9.3	7.9	
Sulfur oxides	23.4	0.9	0.4	18.7	15.5	3.8	-	0.0	3.8	79.9	16.2	
Volatile organic compounds	21.1	7.5	6.2	0.9	-	9.2	0.6	2.9	35.5	4.3	43.6	
Particulates	8.5	1.3	1.1	2.4	0.8	3.3	0.4	1.1	15.3	28.2	38.8	
Nitrogen oxides	20.9	9.8	7.9	10.1	6.4	0.7	0.1	0.2	46.9	48.3	3.3	
Lead	70.6	59.4	56.4	3.9	0.1	3.6	3.7	-	84.1	5.5	5.1	
1988: Carbon monoxide	61.2	41.2	34.1	7.6	0.3	4.7	1.7	6.0	67.3	12.4	7.7	
Sulfur oxides	20.7	0.9	0.6	16.4	13.6	3.4	0.0	-	4.3	79.2	16.4	
Volatile organic compounds	18.6	6.1	4.9	0.9	-	8.5	0.6	2.4	32.8	4.8	45.7	
Particulates	6.9	1.4	1.1	1.7	0.4	2.6	0.3	0.9	20.3	24.6	37.7	
Nitrogen oxides	19.8	8.1	6.1	10.8	7.1	0.6	0.1	0.2	40.9	54.5	3.0	
Lead	7.6	2.6	2.4	0.5	0.1	2.0	2.5	-	34.2	6.6	26.3	

- Represents zero. ¹ Stationary sources.

Source of tables 360 and 361: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940-1988*, March 1990.

No. 362. Metropolitan Areas Failing to Meet National Ambient Air Quality Standards for Carbon Monoxide—Number of Days Exceeding Standards: 1988 and 1989

[For standard, see table 359. Non-attainment status was as of Dec. 31, 1989]

METROPOLITAN AREA	1988	1989	METROPOLITAN AREA	1988	1989	METROPOLITAN AREA	1988	1989
Albuquerque, NM	5	6	Middletown, CT CMSA	3	1	Phoenix, AZ	11	9
Anchorage, AK	2	3	Josephine County, OR ¹	2	1	Portland-Vancouver, OR-WA CMSA		
Baltimore, MD	2	-	Klamath County, OR	3	2	Provo-Orem, UT	3	2
Boston-Lawrence-Salem, MA-NH CMSA	12	-	Las Vegas, NV	26	26	Raleigh-Durham, NC	5	12
Chico, CA	2	1	Los Angeles-Anaheim-Riverside, CA CMSA	71	72	Reno, NV	3	2
Cleveland-Akron-Lorain, OH CMSA	12	1	Medford, OR	2	15	Sacramento, CA	6	18
Colorado Springs, CO	2	1	Memphis, TN-AR-MS	-	2	San Diego, CA	2	4
Denver-Boulder, CO CMSA	10	6	Minneapolis-St. Paul MN-WI	8	2	San Francisco-Oakland-San Jose, CA CMSA	2	6
Duluth, MN	-	2	Missoula County, MT ²	2	2	Seattle-Tacoma, WA CMSA	3	2
El Paso, TX	-3	5	Modesto, CA	2	8	Spokane, WA	37	11
Fairbanks, AK ²	10	3	New York-Northern NJ-Long Island, NY-NJ-CT CMSA	26	16	Stebenville-Weirton, OH-WV	31	21
Fort Collins, CO	3	1	Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	-	2	Stockton, CA	1	4
Fresno, CA	4	13				Syracuse, NY	1	2
Greensboro-Winston-Salem-High Point, NC	2	2				Washington, DC-MD-VA	32	1
Hartford-New Britain						Winnebago County, WI	32	18

NA Not available. ¹ 1986 data. ² Not a metropolitan area. ³ 1987 data.

No. 363. Metropolitan Areas Failing to Meet National Ambient Air Quality Standards for Ozone— Number of Days Exceeding Standards: 1987 to 1989

[For standard, see table 359. Non-attainment status was as of Dec. 31, 1989]

METROPOLITAN AREA	1987-1989, avg.	1989	METROPOLITAN AREA	1987-1989, avg.	1989
Albany-Schenectady-Troy, NY	2.7	-	Lexington-Fayette, KY	2.0	-
Allentown-Bethlehem, PA-NJ	3.1	-	Lincoln County, ME	2.4	(NA)
Altoona, PA	2.0	-	Livingston County, KY	1.1	-
Atlanta, GA	9.3	-	Los Angeles-Anaheim-Riverside, CA CMSA	137.5	121.7
Atlantic City, NJ	4.0	1.1	Louisville, KY-IN	1.9	1.0
Bakersfield, CA	44.2	25.0	Manchester, NH	1.4	-
Baltimore, MD	10.7	2.7	Memphis, TN-AR-MS	2.0	1.0
Baton Rouge, LA	4.5	3.0	Miami-Fort Lauderdale, FL CMSA	1.7	-
Beaumont-Port Arthur, TX	3.7	7.9	Milwaukee-Racine, WI CMSA	9.8	7.1
Birmingham, AL	3.0	-	Modesto, CA	7.6	5.3
Boston-Lawrence-Salem, MA-NH CMSA	10.0	2.0	Montgomery, AL	1.8	-
Buffalo-Niagara Falls, NY CMSA	3.8	1.0	Muskegon, MI	9.4	5.1
Canton, OH	1.7	-	Nashville, TN	5.6	2.0
Charleston, WV	2.3	-	New York-Northern NJ-Long Island, NY-NJ-CT CMSA	17.4	10.4
Charlotte-Gastonia-Rock Hill, NC-SC	3.4	2.2	Norfolk-Virginia Beach-Newport News, VA	2.0	-
Chicago-Gary-Lake County, IL-IN-WI CMSA	13.0	4.7	Owensboro, KY	3.7	-
Cincinnati-Hamilton, OH-KY-IN CMSA	5.4	1.1	Parkersburg-Marietta, WV-OH	7.2	-
Cleveland-Akron-Lorain, OH CMSA	5.2	4.0	Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	8.8	3.1
Columbus, OH	1.4	-	Pittsburgh-Beaver Valley, PA CMSA	7.0	2.0
Dallas-Fort Worth, TX CMSA	3.5	2.3	Portland, ME	6.1	4.0
Dayton-Springfield, OH	3.1	2.0	Portsmouth-Dover-Rochester, NH-ME	5.3	2.0
Detroit-Ann Arbor, MI CMSA	3.7	4.0	Poughkeepsie, NY	1.3	-
Edmonson County, KY	3.2	(NA)	Providence-Pawtucket-Fall River, RI-MA CMSA	6.4	2.6
El Paso, TX	7.9	7.2	Raleigh-Durham, NC	4.1	3.0
Erie, PA	3.0	-	Reading, PA	3.4	-
Essex County, NY	1.8	-	Richmond-Petersburg, VA	4.4	-
Evansville, IN-KY	1.1	1.1	Sacramento, CA	15.8	9.8
Fayetteville, NC	1.4	-	St. Louis, MO-IL	6.2	2.1
Fresno, CA	24.3	21.4	Salt Lake City-Ogden, UT	2.0	2.9
Grand Rapids, MI	4.4	2.0	San Diego, CA	12.3	16.5
Greenbrier County, WV	7.2	-	San Francisco-Oakland-San Jose, CA CMSA	2.5	2.0
Greensboro-Winston-Salem-High Point, NC	7.2	-	Santa Barbara-Santa Maria-Lompoc, CA	2.1	2.0
Greenville-Spartanburg, SC	2.4	-	Scranton-Wilkes-Barre, PA	3.0	-
Hancock County, ME	2.8	1.0	Sheboygan, WI	9.1	1.2
Harrisburg-Lebanon-Carlisle, PA	2.2	-	Smyth County, VA	2.4	-
Hartford-New Britain-Middletown, CT CMSA	7.9	5.1	South Bend-Mishawaka, IN	1.1	-
Houston-Galveston-Brazoria, TX CMSA	12.2	14.2	Springfield, MA	6.7	3.0
Huntington-Ashland, WV-KY-OH	5.5	1.0	Stockton, CA	2.3	-
Indianapolis, IN	1.1	1.0	Sussex County, DE	3.6	-
Jefferson County, NY	3.4	-	Tampa-St. Petersburg-Clearwater, FL	1.4	-
Johnson City-Kingsport-Bristol, TN-VA	1.7	3.4	Toledo, OH	2.7	1.0
Johnstown, PA	2.5	-	Visalia-Tulare-Porterville, CA	7.6	10.3
Kansas City, MO-KS	1.2	-	Waldo County, ME	1.1	(NA)
Kewaunee County, WI	5.5	-	Washington, DC-MD-VA	4.9	2.0
Knox County, ME	1.8	-	Worcester, MA	5.2	-
Knoxville, TN	2.0	2.0	York, PA	1.5	-
Lake Charles, LA	1.3	-	Youngstown-Warren, OH ²	2.1	-
Lancaster, PA	1.3	-			
Lewiston-Auburn, ME	1.5	1.0			

- Represents zero. NA Not available. ¹ Not a metropolitan area. ² Greater than 1.0. ³ Includes Sharon, PA.

Source: U.S. Environmental Protection Agency, press release, August 16, 1990.

[Includes both proposed and final sites listed on the National Priorities List for the Superfund program as authorized by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and the Superfund Amendments and Reauthorization Act of 1986]

STATE	Total sites	Rank	Per-cent distribution	STATE	Total sites	Rank	Per-cent distribution
Total	1,207	(X)	(X)	Missouri	24	15	2.0
United States.	1,197	(X)	100.0	Montana	10	34	0.8
Alabama	12	27	1.0	Nebraska	6	43	0.5
Alaska	6	43	0.5	Nevada	1	50	0.1
Arizona	11	29	0.9	New Hampshire	16	22	1.3
Arkansas	10	34	0.8	New Jersey	109	1	9.1
California	88	3	7.4	New Mexico	10	34	0.8
Colorado	16	22	1.3	New York	83	4	6.9
Connecticut	15	24	1.3	North Carolina	22	17	1.8
Delaware	20	19	1.7	North Dakota	2	48	0.2
District of Columbia	-	(X)	-	Ohio	33	12	2.8
Florida	51	6	4.3	Oregon	11	29	0.9
Georgia	13	26	1.1	Oklahoma	8	40	0.7
Hawaii	7	42	0.6	Pennsylvania	95	2	7.9
Idaho	9	38	0.8	Rhode Island	11	29	0.9
Illinois	37	10	3.1	South Carolina	23	16	1.9
Indiana	35	11	2.9	South Dakota	3	46	0.3
Iowa	21	18	1.8	Tennessee	14	25	1.2
Kansas	11	29	0.9	Texas	28	13	2.3
Kentucky	17	21	1.4	Utah	12	27	1.0
Louisiana	11	29	0.9	Vermont	8	40	0.7
Maine	9	38	0.8	Virginia	20	19	1.7
Maryland	10	34	0.8	Washington	45	7	3.8
Massachusetts	25	14	2.1	West Virginia	5	45	0.4
Michigan	78	5	6.5	Wisconsin	39	9	3.3
Minnesota	42	8	3.5	Wyoming	3	46	0.3
Mississippi	2	48	0.2	Guam	1	(X)	(X)
				Puerto Rico	9	(X)	(X)

U.S. Environmental Protection Agency, press release, August 1990.

United States
1,209

Number of sites

White	0-10
Light Gray	11-20
Medium Gray	21-40
Dark Gray	41 and over

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 364.

No. 365. Municipal Solid Waste Generation, Recovery, and Disposal: 1960 to 1988

[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. NA Not available]

ITEM AND MATERIAL	1960	1965	1970	1975	1980	1985	1986	1987	1988
Waste generated	87.8	103.4	121.9	128.0	149.6	161.6	167.4	174.1	179.6
Per person per day (lb.)	2.66	3.00	3.27	3.26	3.61	3.71	3.80	3.92	4.00
Materials recovered	5.9	6.8	8.6	9.9	14.5	16.4	18.3	20.1	23.5
Per person per day (lb.)	0.18	0.19	0.23	0.25	0.35	0.38	0.42	0.45	0.52
Combustion for energy recovery	(NA)	0.2	0.4	0.7	2.7	7.6	9.6	16.0	24.5
Per person per day (lb.)	(NA)	0.01	0.02	0.02	0.06	0.17	0.22	0.36	0.59
Combustion without energy recovery	27.0	26.8	24.7	17.8	11.0	4.1	3.0	2.0	1.0
Per person per day (lb.)	0.82	0.75	0.66	0.45	0.27	0.10	0.07	0.05	0.02
Landfilled, other disposal	54.9	69.6	88.2	99.7	121.4	133.5	136.5	136.0	130.5
Per person per day (lb.)	1.67	2.05	2.37	2.54	2.93	3.06	3.09	3.06	2.87
Percent distribution of generation:									
Paper and paperboard	34.1	36.8	36.3	33.6	36.6	38.1	39.2	40.0	40.0
Glass	7.6	8.4	10.4	10.5	10.0	8.2	7.8	7.1	7.0
Metals	12.0	10.7	11.6	11.2	9.7	8.8	8.7	8.5	8.5
Plastics	0.5	1.4	2.5	3.5	5.2	7.2	7.3	7.7	8.0
Rubber and leather	2.3	2.5	2.6	3.0	2.9	2.4	2.6	2.5	2.5
Textiles	1.9	1.8	1.6	1.7	1.7	1.7	1.6	2.1	2.1
Wood	3.4	3.4	3.3	3.4	3.3	3.3	3.4	3.4	3.6
Food wastes	13.9	12.3	10.5	10.5	8.8	8.2	7.9	7.6	7.4
Yard wastes	22.8	20.9	19.0	19.7	18.4	18.6	18.0	17.8	17.6
Other wastes	1.6	1.8	2.2	2.9	3.4	3.6	3.5	3.3	3.2

No. 366. Generation and Recovery of Selected Materials in Municipal Solid Waste: 1960 to 1988

[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	1975	1980	1985	1986	1987	1988
Waste generated, total	87.8	103.4	121.9	128.1	149.6	161.6	167.4	174.1	179.6
Paper and paperboard	29.9	38.0	44.2	43.0	54.7	61.5	65.6	69.6	71.8
Ferrous metals	9.9	10.1	12.6	12.3	11.6	10.9	11.1	11.3	11.6
Aluminum	0.4	0.5	0.8	1.1	1.8	2.3	2.4	2.4	2.5
Other nonferrous metals	0.2	0.5	0.7	0.9	1.1	1.0	1.0	1.1	1.1
Glass	6.7	8.7	12.7	13.5	15.0	13.2	13.0	12.3	12.5
Plastics	0.4	1.4	3.1	4.5	7.8	11.6	12.2	13.4	14.4
Yard waste	20.0	21.6	23.2	25.2	27.5	30.0	30.2	31.0	31.6
Other wastes	20.3	22.6	24.6	27.6	30.1	31.1	31.9	33.0	34.1
Materials recovered, total	5.9	6.8	8.6	9.9	14.5	16.4	18.3	20.1	23.5
Paper and paperboard	5.4	5.7	7.4	8.2	11.9	13.1	14.8	16.3	18.4
Ferrous metals	0.1	0.1	0.1	0.2	0.4	0.4	0.4	0.4	0.7
Aluminum	0.0	0.0	0.0	0.1	0.3	0.6	0.6	0.7	0.8
Other nonferrous metals	0.0	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.7
Glass	0.1	0.1	0.2	0.4	0.8	1.0	1.1	1.3	1.5
Plastics	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2
Yard waste	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Other wastes	0.3	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
Percent of generation recovered, total	6.7	6.6	7.1	7.7	9.7	10.1	10.9	11.5	13.1
Paper and paperboard	18.1	15.0	16.7	19.1	21.8	21.3	22.6	23.4	25.6
Ferrous metals	1.0	1.0	0.8	1.6	3.4	3.7	3.6	3.5	5.8
Aluminum	0.0	0.0	0.0	9.1	16.7	26.1	25.0	29.2	31.7
Other nonferrous metals	0.0	60.0	42.9	44.4	45.5	50.0	60.0	54.5	65.1
Glass	1.5	1.1	1.6	3.0	5.3	7.6	8.5	10.6	12.0
Plastics	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.7	1.1
Yard waste	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
Other wastes	1.5	2.7	2.4	2.2	2.0	2.3	2.2	2.1	2.1

Source of tables 365 and 366: Franklin Associates, Ltd., Prairie Village, KS, *Characterization of Municipal Solid Waste in the United States: 1990 Update*. Prepared for the U.S. Environmental Protection Agency.

No. 367. Synthetic Organic Pesticides—Production and Sales: 1970 to 1988

[Includes a small quantity of soil conditioners]

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Production, total	Mil. lb.	1,034	1,603	1,429	1,468	1,430	1,113	1,017	1,189	1,235	1,180	1,040	1,164
Herbicides	Mil. lb.	404	788	657	806	839	623	570	716	756	725	556	702
Insecticides	Mil. lb.	490	660	617	506	448	379	324	350	370	342	379	352
Fungicides	Mil. lb.	140	155	155	156	143	111	123	123	109	113	105	110
Production value	Mil. dol	1,058	2,900	3,685	4,269	5,136	4,331	3,993	5,056	5,360	5,305	4,716	5,389
Sales, total	Mil. lb.	1,317	1,369	1,406	1,291	1,147	1,017	1,108	1,022	940	911	935	
Sales value	Mil. dol	870	2,359	3,631	4,078	4,652	4,432	4,054	4,730	4,437	4,234	4,171	4,354

¹ Manufacturers unit value multiplied by production.

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

No. 368. Pollution Abatement and Control Expenditures in Current and Constant (1982) Dollars, 1980 to 1988, and by Media, 1988

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

TYPE	1980	1982	1983	1984	1985	1986	1987	1988			
								Total ¹	Air	Water	Solid waste
CURRENT DOLLARS											
Total expenditures	53,538	57,680	61,779	68,929	74,636	78,717	81,486	85,924	34,180	33,186	19,364
Percent Government	25.3	21.8	20.7	20.7	21.3	22.6	23.3	22.5	2.9	34.2	31.5
Pollution abatement	50,491	54,500	58,060	65,230	70,945	74,612	77,319	81,449	31,867	32,209	18,837
Personal consumption	6,589	8,318	9,771	10,767	11,839	12,188	10,872	11,999	11,999	-	-
Business	32,283	35,610	37,589	42,191	45,097	46,832	49,620	52,528	19,536	21,623	13,218
Government	11,620	10,571	10,700	12,273	14,009	15,593	16,827	16,922	332	10,586	5,619
Federal	494	550	795	944	1,225	1,346	1,237	1,402	65	707	300
State and local	2,778	3,274	3,547	3,886	4,324	4,793	5,356	5,870	10	486	5,319
Govt. enterprise fixed capital	8,347	6,747	6,358	7,443	8,460	9,454	10,235	9,651	257	9,393	-
Regulation and monitoring	1,296	1,397	1,385	1,362	1,279	1,532	1,519	1,695	440	635	385
Research and development	1,751	1,783	2,335	2,337	2,412	2,573	2,648	2,781	1,873	342	142
CONSTANT (1982) DOLLARS											
Total expenditures	62,046	57,680	60,007	64,713	68,121	72,071	71,502	73,658	31,167	28,326	15,066
Pollution abatement	58,421	54,500	56,453	61,326	64,846	68,488	67,963	70,006	29,259	27,540	14,649
Personal consumption	7,164	8,318	9,731	10,565	11,336	12,147	10,305	11,014	11,014	-	-
Business	37,865	35,610	36,533	39,495	41,282	43,066	43,782	45,543	17,950	19,061	10,282
Government	13,372	10,571	10,188	11,266	12,228	13,275	13,876	13,450	295	8,479	4,367
Regulation and monitoring	1,533	1,397	1,315	1,230	1,104	1,291	1,234	1,337	348	503	299
Research and development	2,092	1,783	2,239	2,157	2,171	2,292	2,306	2,315	1,561	284	118

¹ Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative; therefore, data may not add.

No. 369. Air and Water Pollution Abatement Expenditures in Constant (1982) Dollars: 1980 to 1988

[In millions of dollars. See headnote, table 368]

YEAR	AIR							WATER				
	Total	Mobile sources ¹			Stationary sources			Total ⁴	Industrial		Public sewer systems ⁵	
		Total	Cars	Trucks	Total ²	Industrial			Facilities	Oper-ations ³	Facilities	Oper-ations ³
						Facilities	Oper-ations ³					
1980	24,744	11,764	8,818	2,946	12,980	5,946	6,304	24,647	3,725	4,081	8,942	4,694
1981	25,850	13,401	10,564	2,837	12,448	5,446	6,299	21,984	3,259	4,180	6,882	4,880
1982	24,961	13,464	10,530	2,934	11,496	5,086	5,675	21,199	3,080	4,022	6,148	5,156
1983	26,367	15,581	12,274	3,307	10,785	4,104	5,990	21,543	2,811	4,509	5,551	5,475
1984	28,591	17,561	13,481	4,081	11,030	4,115	6,260	23,257	2,900	4,795	6,387	5,649
1985	29,665	18,697	14,209	4,488	10,968	3,935	6,452	24,724	2,995	5,035	7,005	6,016
1986	30,788	19,508	14,804	4,704	11,280	3,884	6,892	26,449	2,854	5,379	7,774	6,691
1987	28,065	16,770	12,392	4,378	11,295	3,955	6,874	27,962	3,119	5,988	8,248	7,116
1988, prel.	29,259	18,116	13,606	4,510	11,143	3,938	6,757	27,540	3,207	6,000	7,533	7,553

¹ Excludes expenditures to reduce emissions from sources other than cars and trucks. ² Includes other expenditures not shown separately. ³ Operation of facilities. ⁴ Includes nonpoint sources not shown separately. ⁵ Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

 Source of tables 368 and 369: U.S. Bureau of Economic Analysis, *Survey of Current Business*, November 1990.

No. 370. New Capital Business Expenditures for Pollution Abatement: 1975 to 1987

SIC ¹ code	SELECTED INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (bil. dol.)								PERCENT OF TOTAL CAPITAL OUTLAYS ²		
		1975	1980	1985	1986	1987				1975	1980	1987
						Total	Air	Water	Solid waste			
(X)	Nonfarm business, total ³	6.81	9.19	8.61	8.45	9.12	4.18	3.58	1.36	4.2	2.9	2.1
(X)	Manufacturing ³	4.66	5.35	5.13	5.33	6.22	2.63	2.69	0.89	8.7	4.8	4.3
20	Food, incl. beverage	0.30	0.26	0.25	0.27	0.28	0.08	0.15	0.04	6.8	3.2	2.5
26	Paper	0.47	0.46	0.58	0.55	0.45	0.26	0.08	0.11	16.0	7.1	5.0
28	Chemicals	0.76	0.69	0.74	0.98	0.96	0.30	0.41	0.14	10.7	5.9	5.2
29	Petroleum	1.21	1.54	1.25	1.28	2.11	0.90	0.95	0.26	13.3	7.9	12.3
33	Primary metals	0.92	0.94	0.89	0.76	0.88	0.45	0.37	0.06	16.9	13.9	10.1
35	Machinery, except electrical	0.09	0.12	0.15	0.10	0.15	0.05	0.09	0.02	1.9	1.1	1.1
36	Electrical machinery	0.09	0.22	0.18	0.25	0.32	0.07	0.20	0.05	2.3	2.3	2.1
37	Transportation equipment	0.15	0.48	0.55	0.60	0.46	0.21	0.17	0.08	2.7	3.2	2.8
49	Public utilities	1.56	3.05	2.87	2.50	2.28	1.32	0.65	0.31	7.7	8.1	4.3

 X Not applicable. ¹ Standard Industrial Classification, see text, section 13. ² Based on outlays reported in source; see also table 897. ³ Includes industries not shown separately.

 Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, November 1988.

No. 371. Pollution Abatement Capital Expenditures and Operating Costs of Manufacturing Establishments, 1980 to 1988, and by Selected Industry Group, 1988

[In millions of dollars. Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 366; see source for details. Data for 1987 are not available as no survey was conducted.]

YEAR AND INDUSTRY GROUP	POLLUTION ABATEMENT CAPITAL EXPENDITURES					POLLUTION ABATEMENT GROSS OPERATING COSTS ¹				
	Total	Air	Water	Solid waste		Total	Air	Water	Solid waste	
				Hazardous	Non-hazardous				Hazardous	Non-hazardous
1980.....	3,502.9	2,105.5	1,146.5	251.0		6,141.8	3,297.8	3,193.1	1,650.6	
1981.....	3,484.9	2,193.6	1,028.4	263.1		9,109.9	3,697.8	3,554.3	1,855.7	
1982.....	3,024.1	1,828.2	977.0	218.5		8,565.0	3,455.9	3,488.5	1,619.9	
1983.....	2,045.0	1,029.0	819.0	60.9	136.0	9,925.1	3,806.9	3,943.2	573.5	1,601.6
1984.....	2,171.8	1,037.8	887.8	89.7	156.7	10,888.1	4,189.3	4,296.4	770.3	1,632.2
1985.....	2,809.7	1,292.3	1,017.9	326.2	172.9	11,677.9	4,330.2	4,608.5	943.0	1,795.3
1986.....	2,846.9	1,462.8	1,038.7	168.7	176.0	12,258.1	4,261.0	4,820.2	1,135.5	2,041.4
All industries, 1988²	3,423.3	1,524.1	1,289.5	332.1	277.5	14,008.6	4,466.5	5,276.0	1,687.0	2,579.0
Food.....	211.0	100.2	91.0	1.9	17.9	1,160.1	157.8	673.4	13.2	315.7
Lumber and wood.....	44.5	31.6	7.5	0.8	4.6	236.1	84.0	57.6	16.8	77.7
Paper.....	417.7	233.4	97.2	9.1	78.0	1,343.3	372.4	627.8	32.5	310.7
Chemicals.....	1,095.0	370.8	487.8	147.5	89.1	3,074.9	706.4	1,428.5	467.1	472.9
Petroleum.....	482.8	208.2	203.7	56.1	14.7	2,005.5	1,175.8	561.7	142.8	125.2
Stone, clay, glass.....	62.3	42.6	13.6	1.9	4.3	438.5	247.7	67.7	25.8	97.4
Primary metal.....	309.8	167.3	100.6	20.5	21.4	1,809.0	965.8	516.0	136.2	190.9
Fabricated metals.....	146.8	45.4	75.3	21.6	4.5	761.9	135.0	316.8	169.3	140.8
Machinery exc. electrical.....	77.2	21.8	33.2	12.6	9.8	429.7	68.4	139.4	90.7	131.1
Electrical machinery.....	154.2	80.6	54.6	14.0	5.1	659.3	92.2	252.5	163.1	151.5
Transportation equipment.....	210.2	87.6	80.4	35.6	6.6	974.5	215.7	299.2	267.8	191.6

¹ Includes payments to governmental units. ² Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 372. Threatened and Endangered Wildlife and Plant Species—Number: 1990

[As of March 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	Arach- nids	Plants
Endangered species, total	296	220	74	14	62	4	37	8	12	3	170
U.S. only.....	33	60	8	6	49	3	35	8	10	3	163
U.S. and foreign.....	19	15	7	-	2	-	-	-	1	-	6
Foreign only ¹	244	145	59	8	11	1	2	-	1	-	1
Threatened species, total	29	10	31	5	31	6	-	1	7	-	55
U.S. only.....	2	7	13	4	25	6	-	1	7	-	46
U.S. and foreign.....	5	3	4	1	6	-	-	-	-	-	7
Foreign only.....	22	-	14	-	-	-	-	-	-	-	2

- Represents zero. ¹ 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*, April 1990, Vol. XIV, No. 4.

No. 373. Tornadoes, Floods, and Tropical Cyclones: 1966 to 1989

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

ITEM	1966- 1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Tornadoes, number¹	8,865	852	788	852	866	783	1,046	931	907	684	764	656	702	858
Lives lost, total.....	1,216	43	53	84	28	24	64	34	122	94	15	59	32	49
Most in a single tornado.....	63	22	16	42	5	5	10	3	16	18	3	30	5	20
Property loss of \$500,000 and over.....	474	46	59	73	92	55	92	95	125	69	75	38	48	(NA)
Floods: Lives lost.....	1,715	212	125	103	97	90	155	200	126	304	80	82	29	81
Property loss (mil. dol.).....	1,225	1,393	1,000	4,000	1,500	1,000	3,500	4,100	4,000	3,000	4,000	1,490	114	415
North Atlantic tropical cyclones and hurricanes:														
Number reaching U.S. coast.....	27	1	2	5	2	2	1	2	2	11	6	7	12	4
Hurricanes only.....	14	1	-	3	1	-	-	1	1	7	4	2	5	3
Lives lost in U.S.....	513	-	35	11	2	-	-	22	4	9	-	-	-	56

- Represents zero. NA Not available. ¹ A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular, or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." ² 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, 1966-1980, *Climatological Data: National Summary*, monthly with annual summary; thereafter, *Storm Data*, monthly.

No. 374. Normal Daily Mean Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. 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.
AL	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
AK	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.0
AZ	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
AR	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
CA	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.6
	San Diego	56.8	58.4	59.0	61.2	63.4	66.3	70.3	72.2	71.0	67.5	61.8	57.4	63.8
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
CO	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
CT	Hartford	25.2	27.6	36.8	48.8	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
DE	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
DC	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
FL	Jacksonville	53.2	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
GA	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
HI	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77.0
ID	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	39.7	32.0	51.1
IL	Chicago	21.4	26.0	36.0	48.8	59.1	68.6	73.0	71.9	64.7	53.5	39.8	27.7	49.2
	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
IN	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.6	54.8	41.8	31.5	52.1
IA	Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.7
KS	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
KY	Louisville	32.5	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.2
LA	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
ME	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.6	58.6	48.4	38.4	25.8	45.0
MD	Baltimore	32.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
MA	Boston	29.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
MI	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
	Sault Ste. Marie	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
MN	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	38.2
	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.6	33.2	19.2	44.7
MS	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
MO	Kansas City	25.9	32.1	41.5	54.8	64.8	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.6	34.2	55.4
MT	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
NE	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
NV	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
NH	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
NJ	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.1
NM	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	76.1	69.0	57.4	44.0	35.6	56.2
NY	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
	New York ¹	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
NC	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
	Raleigh	39.6	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.0
ND	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
OH	Cincinnati	28.9	32.1	41.8	53.5	63.0	71.4	75.4	74.1	67.5	55.3	43.4	33.8	53.4
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.6
	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
OK	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.9
OR	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
PA	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.3
	Pittsburgh	26.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.3
RI	Providence	28.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
SC	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
SD	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	19.7	45.3
TN	Memphis	39.6	43.5	51.7	62.6	71.0	78.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
TX	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.6	83.1	82.6	78.4	69.7	60.1	54.0	68.3
UT	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
VT	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.6	22.8	44.1
VA	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	36.6	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.7
WA	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.6	34.9	29.0	47.2
WV	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
WI	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
WY	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	29.3	45.7
PR	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No.81, Sept. 1982.

No. 375. Normal Daily Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	80.6	63.9	70.3	78.3	84.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
AK	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0	37.5	31.5	46.6
AZ	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	85.1
AR	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
CA	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Diego	65.2	66.4	65.9	67.8	68.6	71.3	75.6	77.6	76.8	74.6	69.9	66.1	70.5
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	64.9
CO	Denver	43.1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	64.3
CT	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
DE	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.6	63.5
DC	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68.9	57.4	46.6	66.5
FL	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
GA	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	71.3
HI	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	84.2
ID	Boise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
IL	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
	Peoria	29.7	35.2	46.5	61.9	72.5	82.1	85.5	83.4	76.7	64.8	48.5	35.4	60.2
IN	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
IA	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	59.3
KS	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
KY	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	66.1
LA	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
ME	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
MD	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
MA	Boston	36.4	37.7	45.0	56.6	67.0	76.6	81.8	79.8	72.3	62.5	51.6	40.3	59.0
MI	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
	Sault Ste. Marie	21.2	23.1	32.3	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	48.9
MN	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
	Minneapolis-St. Paul	19.9	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	28.7	54.2
MS	Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
MO	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	63.7
	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	65.5
MT	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
NE	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
NV	Reno	44.6	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	66.9
NH	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	57.2
NJ	Atlantic City	40.6	42.4	50.3	61.8	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
NM	Albuquerque	47.2	52.9	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
NY	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
	New York	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
NC	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
ND	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
OH	Cincinnati	37.3	41.2	51.5	64.5	74.2	82.3	85.8	84.8	78.7	66.7	52.6	41.9	63.5
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
	Columbus	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
OK	Oklahoma City	46.6	52.2	61.0	71.7	79.0	87.6	93.5	92.8	84.7	74.3	59.9	50.7	71.2
OR	Portland	44.3	50.4	54.5	60.2	66.9	72.7	79.5	78.6	74.2	63.9	52.3	46.4	62.0
PA	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
RI	Providence	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.2	51.9	40.5	59.3
SC	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	75.3
SD	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
TN	Memphis	48.3	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	69.8
TX	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
UT	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
VT	Burlington	25.4	27.3	37.7	52.6	66.4	75.9	80.5	77.6	68.8	57.0	43.6	30.3	53.6
VA	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	58.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
WA	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	58.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
WV	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
WY	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.6
	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	83.1	80.8	72.1	61.0	46.5	40.4	58.3
PR	San Juan	82.7	83.2	84.2	85.2	86.7	88.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

* City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

No. 376. Normal Daily Minimum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
AK	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
AZ	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
AR	Little Rock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
CA	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.8	37.9	47.8
	San Diego	48.4	50.3	52.1	54.5	58.2	61.2	64.9	66.0	65.1	60.3	53.6	48.7	57.0
	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
CO	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.2
CT	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.5
DE	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.5
DC	Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.5
FL	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	69.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	68.7
GA	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
HI	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.9	72.2	69.2	66.5	69.7
ID	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.3
IL	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
IN	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
IA	Des Moines	10.1	15.8	26.0	39.8	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
KS	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.1
KY	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
LA	New Orleans	43.0	44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
ME	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
MD	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.6	27.9	45.1
MA	Boston	22.8	23.7	31.8	40.8	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
MI	Detroit	16.1	18.0	26.5	36.9	46.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
MN	Duluth	-2.9	2.2	13.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
MS	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
MO	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.6	58.6	46.7	35.1	25.7	45.3
MT	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
NE	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
NV	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
NH	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
NJ	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.3
NM	Albuquerque	22.3	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
NY	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
NC	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.7
ND	Bismarck	-4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
OH	Cincinnati	20.4	23.0	32.0	42.4	51.7	60.5	64.9	63.3	56.3	43.9	34.1	25.7	43.2
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
OK	Oklahoma City	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
OR	Portland	33.5	36.0	37.4	40.6	46.4	52.2	55.8	55.8	51.1	44.6	38.6	35.4	44.0
PA	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.1
	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
RI	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
SC	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.3	40.6	34.7	51.2
SD	Sioux Falls	1.9	8.9	20.6	34.6	45.7	56.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
TN	Memphis	30.9	34.1	41.9	52.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3	51.9
	Nashville	27.8	30.1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
TX	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
UT	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.3
VT	Burlington	7.7	8.8	20.8	32.7	44.0	54.0	58.6	56.6	48.7	38.7	29.6	14.9	34.6
VA	Norfolk	31.7	32.3	39.4	48.1	57.2	65.3	69.9	69.6	64.2	52.8	43.0	35.0	50.7
	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	29.6	46.5
WA	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.9
	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.2
WV	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	56.4	44.0	35.0	27.8	44.0
WI	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.5	41.9	29.9	18.2	37.6
WY	Cheyenne	14.8	17.9	20.6	29.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
PR	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	73.4	71.8	73.4

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

No. 377. Highest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data, except as noted. For period of record through 1989]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	48	84	82	90	94	100	102	104	102	99	93	87	81	104
AK	Juneau	45	57	55	59	71	82	86	90	83	72	61	56	54	90
AZ	Phoenix	52	88	92	100	105	113	117	118	116	118	107	93	88	118
AR	Little Rock	48	83	85	91	95	98	105	112	108	106	97	86	80	112
CA	Los Angeles	54	88	92	95	102	97	104	97	98	110	106	101	94	110
	Sacramento	39	70	76	88	93	105	115	114	108	108	101	87	72	115
	San Diego	49	88	88	93	98	96	101	95	98	111	107	97	88	111
	San Francisco	62	72	78	85	92	97	106	105	98	103	99	85	75	106
CO	Denver	55	73	76	84	89	96	104	104	101	97	88	79	75	104
CT	Hartford	35	65	73	87	96	97	100	102	101	99	91	81	74	102
DE	Wilmington	42	75	78	86	94	95	99	102	101	100	91	85	74	102
DC	Washington	48	79	82	89	95	97	101	104	103	101	94	86	75	104
FL	Jacksonville	48	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	47	88	89	92	96	95	98	98	98	97	95	89	87	98
GA	Atlanta	41	79	80	85	93	95	101	105	102	98	95	84	77	105
HI	Honolulu	20	87	88	88	89	93	92	92	93	94	94	93	89	94
ID	Boise	50	63	70	81	92	98	109	111	110	102	91	74	65	111
IL	Chicago	31	65	71	88	91	93	104	102	100	99	91	78	71	104
	Peoria	50	70	72	86	92	93	105	103	103	100	90	81	71	105
IN	Indianapolis	50	71	74	85	89	93	102	104	102	100	90	81	74	104
IA	Des Moines	50	65	73	91	93	98	103	105	108	101	95	76	69	108
KS	Wichita	37	75	84	89	96	100	110	113	110	105	95	85	83	113
KY	Louisville	42	77	77	86	91	95	102	105	101	104	92	84	76	105
LA	New Orleans	43	83	85	89	92	96	100	101	102	101	92	87	84	102
ME	Portland	49	64	64	86	85	94	97	99	103	95	88	74	69	103
MD	Baltimore	39	75	79	87	94	98	100	104	105	100	92	83	77	105
MA	Boston	38	63	70	81	94	95	100	102	102	100	90	78	73	102
MI	Detroit	31	62	65	81	89	93	104	102	100	98	91	77	68	104
	Sault Ste. Marie	49	45	47	75	83	89	93	97	98	95	80	66	60	98
MN	Duluth	48	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	51	58	60	83	95	96	102	105	102	98	89	75	63	105
MS	Jackson	26	82	85	89	94	99	105	106	102	104	95	88	84	106
MO	Kansas City	17	69	76	86	93	92	105	107	109	98	92	82	70	109
	St. Louis	32	76	85	89	93	93	102	107	107	104	94	85	76	107
MT	Great Falls	52	62	68	78	89	93	99	105	106	98	91	76	69	106
NE	Omaha	53	69	78	89	97	99	105	114	110	104	96	80	72	114
NV	Reno	48	70	75	83	89	96	103	104	105	101	91	77	70	105
NH	Concord	48	68	68	85	95	97	98	102	101	98	90	80	68	102
NJ	Atlantic City	46	78	75	87	94	99	106	104	102	99	90	84	75	106
NM	Albuquerque	50	69	76	85	89	98	105	105	101	100	91	77	72	105
NY	Albany	43	62	67	86	92	94	99	100	99	100	89	82	71	100
	Buffalo	46	72	65	81	88	90	96	97	99	98	87	80	74	99
	New York ¹	121	72	75	86	96	99	101	106	104	102	94	84	72	106
NC	Charlotte	50	78	81	90	93	100	103	103	103	104	98	85	77	104
	Raleigh	45	79	84	92	95	97	104	105	105	104	98	88	79	105
ND	Bismarck	50	62	68	81	93	98	107	109	109	105	95	75	65	109
OH	Cincinnati	28	69	73	84	89	93	102	103	102	98	88	81	75	103
	Cleveland	48	73	69	83	88	92	104	103	102	101	90	82	77	104
	Columbus	50	74	73	85	89	94	102	100	101	100	90	80	76	102
OK	Oklahoma City	36	80	84	93	100	104	105	109	110	102	96	87	86	110
OR	Portland	49	63	71	80	87	100	100	107	107	105	92	73	64	107
PA	Philadelphia	48	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	37	69	69	82	88	91	98	103	100	97	87	82	74	103
RI	Providence	36	66	72	80	98	94	97	100	104	100	86	78	70	104
SC	Columbia	42	84	84	91	94	101	107	107	107	101	101	90	83	107
SD	Sioux Falls	44	66	70	87	94	100	110	108	108	104	94	76	61	110
TN	Memphis	48	78	81	85	94	99	104	108	105	103	95	85	81	108
	Nashville	50	78	84	86	91	97	106	107	104	105	94	84	79	107
TX	Dallas-Fort Worth	36	88	88	96	95	103	113	110	108	106	102	89	88	113
	El Paso	50	80	83	89	98	104	111	112	108	104	96	87	80	112
	Houston	20	84	91	91	95	95	103	104	107	102	94	89	83	107
UT	Salt Lake City	61	62	69	78	85	93	104	107	104	100	89	75	67	107
VT	Burlington	46	63	62	84	91	93	97	99	101	94	85	75	65	101
VA	Norfolk	41	78	81	88	97	97	101	103	104	99	95	86	80	104
	Richmond	60	80	83	93	96	100	104	105	102	103	99	86	80	105
WA	Seattle-Tacoma	45	64	70	75	85	93	96	98	99	98	89	74	63	99
	Spokane	42	59	61	71	90	96	100	103	108	98	86	67	56	108
WV	Charleston	42	79	78	87	92	93	98	104	101	102	92	85	80	104
WI	Milwaukee	49	62	65	82	91	92	101	101	103	98	89	77	63	103
WY	Cheyenne	54	66	71	74	82	90	100	100	96	93	83	73	69	100
PR	San Juan	35	92	96	96	97	96	97	95	97	97	98	96	94	98

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 378. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data, except as noted. For period of record through 1989]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	48	3	11	21	32	43	49	60	59	42	32	22	8	3
AK	Juneau	45	-22	-22	-15	6	25	31	36	27	23	11	-5	-21	-22
AZ	Phoenix	52	17	22	25	32	40	50	61	60	47	34	25	22	17
AR	Little Rock	48	-4	5	11	28	40	46	54	52	37	29	17	-1	5
CA	Los Angeles	54	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	38	23	23	26	32	36	41	48	49	43	36	26	20	20
	San Diego	49	29	36	39	41	48	51	55	57	51	43	38	34	29
	San Francisco	62	24	25	30	31	36	41	43	42	38	34	25	20	20
CO	Denver	55	-25	-30	-11	-2	22	30	43	41	17	3	-8	21	-30
CT	Hartford	35	-26	-21	-6	9	28	37	44	36	30	17	1	-14	-26
DE	Wilmington	42	-14	-6	2	18	30	41	48	43	36	24	14	7	-14
DC	Washington	48	-5	4	11	24	34	47	54	49	39	29	16	1	5
FL	Jacksonville	48	7	19	23	34	45	47	61	63	48	36	21	11	7
	Miami	47	30	32	32	46	53	60	69	68	68	51	39	30	30
GA	Atlanta	41	-8	5	10	26	37	46	53	55	36	28	3	-	8
HI	Honolulu	20	53	53	55	57	60	65	67	67	66	64	58	54	53
ID	Boise	50	-17	-15	6	19	22	31	35	37	23	11	-3	-23	-23
IL	Chicago	31	-27	-17	-8	7	24	36	40	41	28	17	1	-25	-27
	Peoria	50	-25	-18	-10	14	25	39	47	41	26	19	-2	-23	-25
IN	Indianapolis	50	-22	-21	-7	16	28	39	44	41	28	17	-2	-23	-23
IA	Des Moines	50	-24	-20	-22	9	30	38	47	40	26	14	-3	-22	-24
KS	Wichita	37	-12	-21	-2	15	31	43	51	48	31	21	1	-16	21
KY	Louisville	42	-20	-19	-1	22	31	42	50	46	33	23	-1	-15	-20
LA	New Orleans	43	14	19	25	32	41	50	60	60	42	35	24	11	11
ME	Portland	49	-26	-39	-21	8	23	33	40	33	23	15	3	-21	-39
MD	Baltimore	39	-7	-3	6	20	32	40	50	45	35	25	13	-	-7
MA	Boston	38	-12	-4	6	16	34	45	50	47	38	28	15	-7	-12
MI	Detroit	31	-21	-15	-4	10	25	36	41	38	29	17	9	-10	-21
	Sault Ste. Marie	49	-36	-35	-24	-2	18	26	36	29	25	16	-10	-25	-36
MN	Duluth	48	-39	-33	-29	-5	17	27	35	32	22	8	-23	-34	-39
	Minneapolis-St. Paul	51	-34	-28	-22	2	18	34	43	39	26	15	-17	-29	-34
MS	Jackson	26	2	11	15	27	38	47	51	55	35	29	17	4	2
MO	Kansas City	17	-17	-19	-10	12	30	43	52	43	33	21	1	-23	-23
	St. Louis	32	-18	-10	-5	22	31	43	51	47	36	23	1	-16	-18
MT	Great Falls	52	-37	-35	-29	-6	15	31	40	35	21	-9	-25	-43	-43
NE	Omaha	53	-23	-21	-16	5	27	38	44	43	25	13	-9	-23	-23
NV	Reno	48	-16	-16	-2	13	18	25	33	24	20	8	1	-16	-16
NH	Concord	48	-33	-37	-16	8	21	30	35	29	21	10	-5	-22	-37
NJ	Atlantic City	46	-10	-11	5	12	25	37	42	40	32	20	10	-7	-11
NM	Albuquerque	50	-17	-5	8	19	28	40	52	52	37	25	7	3	-17
NY	Albany	43	-28	-21	-21	10	26	36	40	34	24	16	5	-22	-28
	Buffalo	46	-16	-20	-7	12	26	35	43	38	32	20	9	-10	-20
	New York	121	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
NC	Charlotte	50	-5	5	4	24	32	45	53	53	39	24	11	2	-5
	Raleigh	45	-9	5	11	23	31	38	48	46	37	19	11	4	-9
ND	Bismarck	50	-44	-39	-31	-12	15	30	35	33	11	5	30	-43	-44
OH	Cincinnati	28	-25	-11	-11	17	27	39	47	43	33	16	1	-20	-25
	Cleveland	48	-19	-15	-5	10	25	31	41	38	32	19	3	-15	-19
	Columbus	50	-19	-13	-6	14	25	35	43	39	31	20	5	-17	-19
OK	Oklahoma City	36	-4	-3	3	20	37	47	53	51	36	22	11	-8	-8
OR	Portland	49	-2	-3	19	29	39	43	44	34	26	13	6	-3	-3
PA	Philadelphia	48	-7	4	7	19	28	44	51	44	35	25	15	1	-7
	Pittsburgh	37	-18	-12	-1	14	26	34	42	39	31	16	1	-12	-18
RI	Providence	36	-13	-7	1	14	29	41	48	40	33	20	6	-10	-13
SC	Columbia	42	-1	5	4	26	34	44	54	53	40	23	12	4	-1
SD	Sioux Falls	44	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
TN	Memphis	48	-4	-11	12	29	38	48	52	48	36	25	9	-13	-13
	Nashville	50	-17	-13	2	23	34	42	51	47	36	26	1	-10	-17
TX	Dallas-Fort Worth	36	4	7	15	29	41	51	59	56	43	29	20	-1	-1
	El Paso	50	-8	8	14	23	31	46	57	56	41	25	1	5	-8
	Houston	20	12	20	22	31	44	52	62	62	48	32	19	7	7
UT	Salt Lake City	61	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
VT	Burlington	46	-30	-30	-20	2	24	35	39	35	25	15	-2	-26	-30
VA	Norfolk	60	-3	8	18	28	36	45	54	49	45	27	20	7	-3
	Richmond	41	-12	-10	11	23	31	40	51	46	35	21	10	1	-12
WA	Seattle-Tacoma	45	-	1	11	20	28	38	43	44	35	28	6	8	-
	Spokane	42	-22	-17	-7	17	24	33	37	35	24	11	-21	25	-25
WV	Charleston	42	-15	-6	-	19	26	33	46	41	34	17	6	-12	-15
WI	Milwaukee	49	-26	-19	-10	12	21	33	40	44	28	18	-5	20	-26
WY	Cheyenne	54	-29	-34	-21	-8	16	25	38	36	8	2	-14	-28	34
PR	San Juan	35	61	62	60	64	66	69	69	70	69	67	66	63	60

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 379. Normal Monthly and Annual Precipitation—Selected Cities

[In inches. Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. 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
AL	Mobile	4.59	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
AK	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
AZ	Phoenix	0.73	0.59	0.81	0.27	0.14	0.17	0.74	1.02	0.64	0.63	0.54	0.83	7.11
AR	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.63	3.07	4.26	2.84	4.37	4.23	49.20
CA	Los Angeles	3.06	2.49	1.76	0.93	0.14	0.04	0.01	0.10	0.15	0.26	1.52	1.62	12.08
	Sacramento	4.03	2.88	2.06	1.31	0.33	0.11	0.05	0.07	0.27	0.86	2.23	2.90	17.10
	San Diego	2.11	1.43	1.6	0.78	0.24	0.06	0.01	0.11	0.19	0.33	1.1	1.36	59.32
	San Francisco	4.65	3.23	2.64	1.53	0.32	0.11	0.03	0.05	0.19	1.06	2.35	3.55	19.71
CO	Denver	0.51	0.69	1.21	1.81	2.47	1.58	1.93	1.53	1.23	0.98	0.82	0.55	15.31
CT	Hartford	3.53	3.19	4.15	4.02	3.37	3.38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
DE	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
DC	Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
FL	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.76
	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.86	57.55
GA	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	48.61
HI	Honolulu	3.79	2.72	3.48	1.49	1.21	0.49	0.54	0.60	0.62	1.88	3.22	3.43	23.47
ID	Boise	1.64	1.07	1.03	1.19	1.21	0.95	0.26	0.40	0.58	0.75	1.29	1.34	11.71
IL	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
	Peoria	1.60	1.41	2.86	3.81	3.84	3.88	3.99	3.39	3.63	2.51	1.96	2.01	34.89
IN	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
IA	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.09	2.16	1.52	1.05	30.83
KS	Wichita	0.68	0.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	0.99	28.61
KY	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
LA	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
ME	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
MD	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
MA	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
MI	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
	Sault Ste. Marie	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3.46	3.90	2.89	3.20	2.57	33.48
MN	Duluth	1.20	0.90	1.78	2.16	3.15	3.96	3.96	4.12	3.26	2.21	1.69	1.29	29.68
	Minneapolis-St. Paul	0.82	0.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	0.87	26.36
MS	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	5.40	52.82
MO	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.16
	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
MT	Great Falls	1.00	0.75	0.93	1.49	2.52	2.75	1.10	1.31	1.03	0.82	0.74	0.80	15.24
NE	Omaha	0.77	0.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	0.77	30.34
NV	Reno	1.24	0.95	0.74	0.46	0.74	0.34	0.30	0.27	0.30	0.34	0.60	1.21	7.49
NH	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
NJ	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41.93
NM	Albuquerque	0.41	0.40	0.52	0.40	0.46	0.51	1.30	1.51	0.85	0.86	0.38	0.52	8.12
NY	Albany	2.39	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.52
	New York	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	3.41	4.14	3.81	44.12
NC	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.86	3.40	43.16
	Raleigh	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
ND	Bismarck	0.51	0.45	0.70	1.51	2.23	3.01	2.05	1.69	1.38	0.81	0.51	0.51	15.36
OH	Cincinnati	3.13	2.73	3.95	3.58	3.84	4.09	4.28	2.97	2.91	2.54	3.12	3.00	40.14
	Cleveland	2.47	2.20	2.99	3.32	3.30	3.49	3.37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
OK	Oklahoma City	0.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
OR	Portland	6.16	3.93	3.61	2.31	2.08	1.47	0.46	1.13	1.61	3.05	5.17	6.41	37.39
PA	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.30
RI	Providence	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
SC	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
SD	Sioux Falls	0.50	0.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	0.92	0.72	24.12
TN	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.65	51.57
	Nashville	4.49	4.03	5.58	4.47	4.56	3.70	3.82	3.40	3.71	2.58	3.52	4.63	48.49
TX	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.46
	El Paso	0.38	0.45	0.32	0.19	0.24	0.56	1.60	1.21	1.42	0.73	0.33	0.39	7.82
	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.76
UT	Salt Lake City	1.35	1.33	1.72	2.21	1.47	0.97	0.72	0.92	0.89	1.14	1.22	1.37	15.31
VT	Norburyton	1.65	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
VA	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
WA	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	0.74	1.27	2.02	3.43	5.60	6.33	38.60
	Spokane	2.47	1.61	1.36	1.08	1.38	1.23	0.50	0.74	0.71	1.06	2.06	2.29	16.71
WV	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.36	4.15	3.01	2.63	2.90	3.27	42.43
WI	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
WY	Cheyenne	0.41	0.40	0.97	1.24	2.39	2.00	1.87	1.39	1.06	0.68	0.53	0.37	13.31
PR	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	53.99

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

No. 380. Average Number of Days With Precipitation of .01 Inch or More—Selected Cities

[Airport data, except as noted. For period of record through 1989, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	48	11	10	11	7	8	11	16	14	10	6	8	10	122
AK	Juneau	45	18	17	18	17	17	16	17	18	20	24	20	21	220
AZ	Phoenix	50	4	4	3	2	1	1	4	5	3	3	4	4	36
AR	Little Rock	47	9	9	10	10	10	8	7	7	7	8	9	10	104
CA	Los Angeles	54	6	6	6	3	1	1	1	(Z)	1	2	4	5	35
	Sacramento	50	10	9	9	5	3	1	(Z)	(Z)	1	3	7	9	58
	San Diego	49	7	6	7	5	2	1	(Z)	(Z)	1	2	5	6	42
	San Francisco	62	11	10	10	6	3	1	(Z)	(Z)	1	4	7	10	62
CO	Denver	55	6	6	9	9	11	9	9	9	6	5	5	5	88
CT	Hartford	35	11	10	11	11	12	11	10	10	9	8	11	12	127
DE	Wilmington	42	11	10	11	11	12	10	9	9	8	8	10	10	116
DC	Washington	48	10	9	11	10	11	9	10	9	8	7	8	9	112
FL	Jacksonville	48	8	8	8	6	8	12	15	14	13	9	6	8	115
	Miami	47	7	6	6	6	10	15	16	17	17	14	8	6	129
GA	Atlanta	55	11	10	11	9	9	10	12	9	8	6	9	10	115
HI	Honolulu	40	10	9	9	9	7	6	7	6	7	9	9	10	99
ID	Boise	50	12	10	10	8	8	6	2	3	4	6	10	11	90
IL	Chicago	31	11	10	12	12	11	10	10	9	10	9	11	11	126
	Peoria	50	9	8	11	12	11	10	9	8	9	8	9	10	113
IN	Indianapolis	50	12	10	13	12	12	10	9	9	8	8	10	12	125
IA	Des Moines	50	7	7	10	10	11	11	9	9	9	8	7	8	106
KS	Wichita	36	5	5	8	8	11	9	7	8	8	6	5	6	86
KY	Louisville	42	11	11	13	12	12	10	11	8	8	8	10	11	124
LA	New Orleans	41	10	9	9	7	8	11	15	13	10	6	7	10	114
ME	Portland	49	11	10	11	12	13	11	10	10	8	9	12	11	128
MD	Baltimore	39	10	9	11	11	11	9	9	10	7	7	9	9	113
MA	Boston	38	11	10	12	11	12	11	9	10	9	9	11	12	126
MI	Detroit	31	13	11	13	12	11	10	9	9	10	10	12	14	135
	Sault Ste. Marie	48	19	15	13	11	11	11	10	11	13	13	18	20	166
MN	Duluth	48	12	10	11	10	12	13	11	12	12	10	11	12	134
	Minneapolis-St. Paul	51	9	7	10	10	11	12	10	10	10	8	8	9	114
MS	Jackson	26	11	9	10	8	9	8	10	10	8	6	8	10	109
MO	Kansas City	17	7	7	10	10	11	10	7	9	8	8	7	10	104
	St. Louis	32	8	8	11	11	11	9	9	8	8	8	9	9	110
MT	Great Falls	52	9	8	9	9	11	12	7	8	7	6	7	8	101
NE	Omaha	53	6	7	9	10	12	10	9	9	8	7	6	6	98
NV	Reno	47	6	6	6	4	4	3	2	2	2	3	5	6	51
NH	Concord	48	11	10	11	12	12	11	10	10	9	9	12	11	125
NJ	Atlantic City	46	11	10	11	11	10	9	9	9	8	7	9	10	112
NM	Albuquerque	50	4	4	5	3	4	4	9	9	6	5	3	4	60
NY	Albany	43	12	10	12	12	13	11	10	10	10	9	12	12	134
	Buffalo	46	20	17	16	14	12	11	10	11	11	12	16	20	169
	New York	120	11	10	11	11	11	10	11	10	8	8	9	10	121
NC	Charlotte	50	10	10	11	9	10	10	11	10	7	7	8	9	111
	Raleigh	45	10	10	10	9	10	9	11	10	8	7	8	9	112
ND	Bismarck	50	8	7	8	8	10	12	9	9	7	6	6	8	96
OH	Cincinnati	42	12	11	13	12	11	11	10	9	8	8	11	12	129
	Cleveland	48	16	14	15	14	13	11	10	10	10	11	15	16	156
	Columbus	50	13	11	14	13	13	11	11	9	8	9	12	13	137
OK	Oklahoma City	50	5	6	7	8	10	9	6	6	7	6	5	5	82
OR	Portland	49	18	16	17	14	12	9	4	5	8	12	18	19	152
PA	Philadelphia	49	11	9	11	11	11	10	9	9	8	8	10	10	117
	Pittsburgh	37	16	14	16	14	13	12	11	10	9	11	13	16	154
RI	Providence	36	11	10	12	11	11	11	9	10	8	8	11	12	124
SC	Columbia	42	10	10	11	8	9	10	12	11	8	6	7	9	109
SD	Sioix Falls	44	6	6	9	9	11	11	9	9	8	6	6	6	97
TN	Memphis	39	10	10	11	10	9	8	9	8	7	6	9	10	106
	Nashville	48	11	11	12	11	11	9	10	9	8	7	10	11	119
TX	Dallas-Fort Worth	36	7	7	7	8	9	6	5	5	7	6	6	6	78
	El Paso	50	4	3	2	2	2	3	8	8	5	4	3	4	48
UT	Houston	20	10	8	9	7	8	9	9	9	9	8	9	9	105
	Salt Lake City	61	10	9	10	9	8	5	5	6	5	6	8	9	90
VT	Burlington	46	14	11	13	12	14	13	12	12	12	14	15	15	154
VA	Norfolk	41	10	10	11	10	10	9	11	10	8	8	8	9	115
	Richmond	52	10	9	11	9	11	10	11	10	8	7	8	9	113
WA	Seattle-Tacoma	45	19	16	17	14	10	9	5	6	9	13	18	19	156
	Spokane	42	14	11	12	9	9	8	4	5	6	8	13	15	113
WV	Charleston	42	15	14	15	14	13	11	13	11	9	10	12	14	151
WI	Milwaukee	49	11	10	12	12	12	11	9	9	9	9	10	11	125
WY	Cheyenne	54	6	6	9	9	12	11	11	10	7	6	6	6	99
PR	San Juan	34	17	13	12	13	17	15	19	19	17	17	18	19	196

Z Less than 1/2 day. ¹ For period of record through 1988. City office data.

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

No. 381. Snow and Ice Pellets—Selected Cities

[In inches. Airport data, except as noted. For period of record through 1989. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	48	0.1	0.2	-	T	-	-	T	-	-	-	-	0.1	0.4
AK	Juneau	45	25.7	18.3	15.9	3.8	-	T	-	-	T	1.0	11.5	22.0	98.2
AZ	Phoenix	52	T	0.0	T	T	-	-	-	-	-	-	0.0	0.0	T
AR	Little Rock	47	2.5	1.5	0.6	T	-	-	-	-	-	-	0.2	0.7	5.5
CA	Los Angeles	54	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	41	T	-	T	-	-	-	-	-	-	-	-	T	T
	San Diego	49	T	-	T	-	-	-	-	-	-	-	-	T	T
	San Francisco	62	T	T	T	-	-	-	-	-	-	-	-	T	T
CO	Denver	55	7.9	7.5	12.6	9.1	1.7	-	-	-	1.7	3.7	8.1	7.5	59.8
CT	Hartford	35	12.4	11.7	9.7	1.6	-	-	-	-	-	0.1	2.2	10.7	48.4
DE	Wilmington	42	7.0	6.3	3.2	0.2	T	-	-	-	-	0.1	1.0	3.4	21.2
DC	Washington	46	5.6	5.6	2.1	-	T	-	-	-	-	-	0.9	3.2	17.4
FL	Jacksonville	48	T	-	-	-	-	-	-	-	-	-	-	-	T
	Miami	47	-	-	-	-	-	-	-	-	-	-	-	-	-
GA	Atlanta	55	0.9	0.5	0.4	T	-	-	-	-	-	-	0.0	0.2	2.0
HI	Honolulu	43	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	50	6.9	3.5	1.8	0.7	0.1	T	T	T	0.1	2.2	5.8	21.1	-
IL	Chicago	31	10.9	8.3	6.8	1.8	0.1	-	-	T	T	0.5	2.1	8.8	39.3
	Peoria	46	6.5	5.4	4.2	0.9	-	-	-	-	-	0.1	2.1	6.1	25.3
IN	Indianapolis	58	6.2	5.8	3.5	0.5	-	-	-	T	-	0.2	1.9	4.9	23.0
IA	Des Moines	50	8.1	7.3	6.6	2.0	-	-	-	-	T	0.3	2.8	6.8	33.9
KS	Wichita	36	4.8	4.4	2.6	0.3	T	T	-	-	-	-	1.3	3.4	16.8
KY	Louisville	42	5.5	4.5	3.3	0.1	-	-	-	-	-	-	1.1	2.1	16.6
LA	New Orleans	43	-	0.1	T	-	T	-	-	-	-	-	T	0.1	0.2
ME	Portland	49	19.4	17.3	12.6	2.9	-	-	-	-	T	0.2	3.2	14.9	70.7
MD	Baltimore	39	6.3	6.9	3.7	0.1	T	-	-	-	-	-	1.1	3.6	21.7
MA	Boston	54	12.3	11.3	7.4	0.9	-	-	-	-	-	-	1.4	7.5	40.8
MI	Detroit	31	10.1	9.0	6.7	1.7	T	-	-	-	-	0.2	3.2	10.6	41.5
	Sault Ste. Marie	48	28.5	19.1	15.3	5.3	0.5	T	-	T	0.1	2.3	15.3	30.0	116.4
MN	Duluth	46	17.1	11.2	13.8	6.5	0.7	-	-	-	-	1.2	11.1	15.5	77.1
	Minneapolis-St. Paul	51	10.0	8.4	11.0	3.0	0.1	T	-	-	-	0.4	7.1	9.4	49.4
MS	Jackson	26	0.6	0.2	0.2	-	-	-	-	-	-	-	-	-	1.0
MO	Kansas City	55	5.7	4.5	3.6	0.7	T	T	-	-	-	-	1.0	4.6	20.1
	St. Louis	53	5.4	4.5	4.3	0.4	T	-	-	-	-	T	1.4	3.8	19.8
MT	Great Falls	52	10.0	8.6	10.3	7.4	1.8	0.3	T	T	1.6	3.2	7.5	9.0	59.7
NE	Omaha	54	7.4	6.8	6.6	0.8	0.1	-	-	-	T	0.3	2.5	5.6	30.1
NV	Reno	47	5.9	4.9	4.6	1.3	0.9	-	-	-	-	0.4	2.2	4.4	24.6
NH	Concord	48	18.0	14.6	10.8	2.3	0.1	-	-	-	-	0.1	4.1	13.8	63.8
NJ	Atlantic City	45	5.5	5.7	2.7	0.3	T	-	-	-	-	-	0.5	2.3	17.0
NM	Albuquerque	50	2.5	2.2	1.9	0.6	-	-	-	-	T	0.1	1.1	2.5	10.9
NY	Albany	43	16.4	14.1	11.0	2.8	0.1	T	T	-	T	0.2	4.4	15.3	64.3
	Buffalo	46	24.0	18.3	11.3	3.1	0.3	T	-	-	T	0.2	11.6	22.9	91.7
	New York	121	7.7	8.5	5.0	0.9	T	-	-	-	-	-	0.9	5.5	28.5
NC	Charlotte	50	2.2	1.8	1.3	-	-	-	-	-	-	-	0.1	0.5	5.9
	Raleigh	45	2.4	2.8	1.4	-	-	-	-	-	-	-	0.1	0.8	7.5
ND	Bismarck	50	7.3	6.7	8.4	3.8	0.8	T	-	T	0.3	1.2	5.9	6.8	41.2
OH	Cincinnati	42	7.1	5.4	4.3	0.5	-	-	-	-	-	0.2	2.2	3.9	23.6
	Cleveland	48	12.4	11.8	10.4	2.3	0.1	-	-	-	T	0.7	5.2	12.0	54.9
	Columbus	42	8.4	6.2	4.5	1.0	-	-	-	-	T	-	2.4	5.7	28.2
OK	Oklahoma City	50	3.2	2.6	1.5	-	T	-	-	-	-	T	0.5	1.7	9.5
OR	Portland	49	3.5	0.8	0.5	T	-	T	-	T	T	-	0.5	1.4	6.7
PA	Philadelphia	47	6.7	6.7	3.7	0.3	T	-	-	-	-	-	0.7	3.5	21.6
	Pittsburgh	37	11.7	9.6	8.3	1.7	0.1	-	-	-	T	-	3.5	8.3	43.4
RI	Providence	36	9.8	9.7	7.3	0.7	0.2	-	-	-	-	0.1	1.1	7.1	36.0
SC	Columbia	42	0.5	0.9	0.3	-	-	-	-	-	-	-	T	0.2	1.9
SD	Sioux Falls	44	6.6	8.0	9.9	2.3	-	-	-	-	-	0.5	5.1	7.4	39.8
TN	Memphis	39	2.5	1.5	0.9	T	T	-	-	-	-	T	0.1	0.7	5.7
	Nashville	48	4.1	3.2	1.5	-	-	-	-	T	-	T	0.5	1.6	10.9
TX	Dallas-Fort Worth	36	1.3	1.1	0.2	-	T	-	-	-	-	-	0.1	0.3	3.0
	El Paso	50	1.3	0.9	0.4	0.4	T	-	-	-	-	-	0.9	1.8	5.7
	Houston	55	0.2	0.2	0.0	0.0	-	-	-	-	-	-	T	0.0	0.4
UT	Salt Lake City	61	13.1	9.6	9.8	5.0	1	T	-	-	0.1	1.3	6.4	12.0	57.9
VT	Burlington	46	18.9	16.5	12.0	3.7	0.2	-	T	-	T	0.2	6.8	18.9	77.1
VA	Norfolk	41	2.9	3.1	1.1	-	-	-	-	-	-	-	-	0.9	8.0
	Richmond	52	5.2	4.3	2.5	0.1	T	-	-	-	-	T	0.4	2.1	14.6
WA	Seattle-Tacoma	45	5.4	1.5	1.5	0.1	T	-	T	-	T	-	1.3	2.5	12.3
	Spokane	42	16.5	7.6	4.1	0.6	0.1	T	-	-	-	0.4	6.3	15.1	50.7
WV	Charleston	42	10.5	9.0	4.6	0.9	-	-	-	T	T	0.1	2.3	5.1	32.5
WI	Milwaukee	49	12.8	9.7	8.9	1.8	-	-	T	T	T	0.2	3.0	10.5	46.9
WY	Cheyenne	54	6.2	5.8	11.9	9.1	3.5	0.3	T	T	0.8	3.5	6.8	6.2	54.1
PR	San Juan	34	-	-	-	-	-	-	-	-	-	-	-	-	-

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 382. Sunshine, Average Wind Speed, Mean Number of Days Minimum Temperature Below 32 Degrees Fahrenheit, and Average Relative Humidity—Selected Cities

[Airport data, except as noted. For period of record through 1989, except as noted. M—morning. A—afternoon]

STATE	STATION	AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE		AVERAGE WIND SPEED (m.p.h.)				MINIMUM TEMPERATURE 32 DEGREES OR LESS		AVERAGE RELATIVE HUMIDITY (percent)						
		Length of record (yr.)	Annual	Length of record (yr.)	Annual	Jan.	July	Length of record (yr.)	Mean number (days)	Length of record (yr.)	Annual		Jan.		July	
											M	A	M	A	M	A
AL	Mobile	139	159	41	9.0	10.4	7.0	27	23	27	86	57	81	60	89	60
AK	Juneau	233	230	44	8.3	8.3	7.5	45	142	23	84	73	79	76	83	70
AZ	Phoenix	94	85	44	6.3	5.3	7.2	29	8	29	51	23	67	32	45	20
AR	Little Rock	32	62	47	7.9	8.6	6.7	29	61	29	84	57	80	61	88	57
CA	Los Angeles	322	373	41	7.5	6.7	7.8	30	(2)	30	79	64	69	59	86	68
	Sacramento	41	77	40	8.0	7.2	9.0	39	16	29	83	46	90	71	76	28
	San Diego	49	68	49	6.9	5.9	7.3	29	(2)	29	76	62	70	56	82	66
	San Francisco	438	466	62	10.6	7.1	13.6	30	2	30	84	62	86	66	86	59
CO	Denver	40	70	41	8.7	8.7	8.3	29	157	29	67	40	63	49	68	34
CT	Hartford	35	57	35	8.5	9.0	7.5	30	136	30	76	52	71	56	78	51
DE	Wilmington	539	557	41	9.1	9.9	7.7	42	101	42	78	55	75	60	79	54
DC	Washington	41	56	41	9.3	10.0	8.2	29	71	29	74	53	69	55	76	53
FL	Jacksonville	38	62	40	8.0	8.2	7.1	48	15	53	88	56	87	57	88	58
	Miami	13	73	40	9.3	9.5	8.0	25	(2)	25	84	61	84	59	84	63
GA	Atlanta	54	61	51	9.1	10.5	7.6	29	55	29	82	56	78	59	88	60
HI	Honolulu	37	68	40	11.4	9.6	13.3	20	-	20	72	56	81	62	67	51
ID	Boise	47	64	50	8.8	8.0	8.4	50	124	50	69	43	80	71	54	22
IL	Chicago	9	55	31	10.3	11.6	8.1	31	133	31	80	60	76	67	82	57
	Peoria	46	56	46	10.1	11.2	7.8	30	129	30	83	61	78	68	86	59
IN	Indianapolis	45	55	41	9.6	10.9	7.4	30	119	30	83	62	80	70	87	60
IA	Des Moines	39	59	40	10.9	11.8	9.0	28	135	28	79	60	75	67	82	57
KS	Wichita	36	65	36	12.3	12.2	11.2	36	112	36	80	55	79	63	78	48
KY	Louisville	42	56	42	8.3	9.7	6.7	29	90	29	81	59	76	64	85	58
LA	New Orleans	16	60	41	8.2	9.4	6.1	43	13	41	87	63	85	66	91	66
ME	Portland	49	57	49	8.8	9.2	7.6	49	158	49	79	59	76	61	80	59
MD	Baltimore	39	57	39	9.2	9.8	7.9	39	98	36	77	54	71	57	81	53
MA	Boston	54	58	32	12.5	13.9	11.0	25	99	25	72	58	66	57	74	56
MI	Detroit	24	53	31	10.3	11.9	8.4	31	137	31	81	60	79	69	82	53
	Sault Ste. Marie	48	47	48	9.3	9.8	7.8	48	181	48	85	67	81	75	89	61
MN	Duluth	39	52	40	11.1	11.7	9.5	28	185	28	80	63	76	70	84	59
	Minneapolis-St. Paul	51	58	51	10.6	10.5	9.4	30	156	30	78	59	73	67	80	53
MS	Jackson	25	60	26	7.4	8.6	6.0	26	51	26	91	58	87	64	93	59
MO	Kansas City	17	62	17	10.7	11.4	9.3	17	110	17	81	60	75	63	84	56
	St. Louis	30	57	40	9.7	10.6	7.9	29	102	29	83	59	82	66	85	56
MT	Great Falls	45	61	48	12.8	15.2	10.2	28	157	28	66	45	66	60	65	29
NE	Omaha	53	60	53	10.6	10.9	8.9	25	141	25	81	59	77	65	84	57
NV	Reno	41	79	47	6.5	5.6	7.0	26	175	26	70	32	79	51	63	18
NH	Concord	48	54	47	6.7	7.3	5.7	24	174	24	81	54	75	58	84	52
NJ	Atlantic City	29	55	31	10.1	11.1	8.5	25	110	25	81	56	77	58	83	57
NM	Albuquerque	50	76	50	9.0	8.1	9.1	29	119	29	60	29	70	40	60	27
NY	Albany	51	52	51	8.9	9.8	7.4	24	150	24	80	57	77	63	81	55
	Buffalo	46	49	50	12.0	14.3	10.3	29	133	29	80	63	79	72	78	55
	New York	103	58	58	9.4	10.7	7.6	76	80	61	72	56	68	60	75	55
NC	Charlotte	39	63	40	7.4	7.9	6.5	29	68	29	83	54	78	56	87	57
	Raleigh	35	59	40	7.8	8.5	6.6	25	80	25	85	54	78	55	89	58
ND	Bismarck	50	59	50	10.2	10.0	9.2	30	186	30	80	57	74	68	83	47
OH	Cincinnati	6	53	42	9.1	10.7	7.1	27	109	27	81	59	78	67	85	57
	Cleveland	46	49	48	10.6	12.3	8.6	29	124	29	79	62	77	69	81	57
	Columbus	38	50	40	8.5	10.1	6.7	30	119	30	80	59	76	67	84	56
OK	Oklahoma City	35	68	41	12.4	12.8	10.9	24	78	24	79	54	78	59	80	49
OR	Portland	40	48	41	7.9	9.9	7.6	49	43	49	86	60	86	75	82	45
PA	Philadelphia	47	56	49	9.5	10.3	8.0	30	98	30	76	55	73	59	79	54
	Pittsburgh	37	46	37	9.1	10.6	7.2	30	124	29	78	57	75	65	82	53
RI	Providence	36	58	36	10.6	11.2	9.5	26	119	26	75	54	70	56	77	56
SC	Columbia	36	64	41	6.9	7.2	6.3	23	62	23	87	51	82	54	89	54
SD	Sioux Falls	747	762	41	11.1	11.1	9.8	26	168	26	81	60	76	67	82	53
TN	Memphis	35	64	41	8.9	10.1	7.5	48	57	50	81	57	78	63	84	57
	Nashville	47	56	48	8.0	9.2	6.5	24	77	24	84	57	79	63	90	57
TX	Dallas-Fort Worth	11	64	36	10.9	11.2	9.6	26	41	26	82	56	79	60	80	48
	El Paso	47	83	47	8.9	8.4	8.3	29	65	29	57	27	65	35	62	29
	Houston	20	56	20	7.9	8.2	6.9	20	22	20	90	59	85	64	93	58
UT	Salt Lake City	51	66	60	8.8	7.6	9.5	30	125	30	67	43	79	69	52	22
VT	Burlington	46	49	46	8.9	9.7	7.9	25	126	24	77	59	71	63	78	53
VA	Norfolk	25	81	41	10.7	11.6	8.9	41	55	41	78	57	74	59	82	59
	Richmond	39	62	41	7.6	8.1	6.8	60	85	55	83	53	80	57	85	56
WA	Seattle-Tacoma	23	46	41	9.0	9.7	8.3	30	31	30	83	62	81	74	81	49
	Spokane	41	54	42	8.9	8.7	8.6	30	139	30	77	52	85	79	63	27
WV	Charleston	883	849	40	6.4	7.6	5.1	42	100	42	82	56	77	62	90	60
WI	Milwaukee	49	54	49	11.6	12.7	9.6	29	142	29	80	64	75	68	82	61
WY	Cheyenne	50	65	32	12.9	15.3	10.4	30	171	30	65	44	57	50	69	38
PR	San Juan	34	66	34	8.4	8.5	9.6	34	-	34	79	65	81	64	79	67

- Represents zero. Z Less than one-half a day. ¹ Recording site is in Montgomery, AL. ² For period of record through 1984. ³ For period of record through 1976. ⁴ For period of record through 1973. ⁵ For period of record through 1978. ⁶ city office data. ⁷ Recording site is in Rapid City, SD. ⁸ Recording site is in Parkersburg, WV.

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

No. 383. Normal Monthly and Seasonal Heating Degree Days, 65 Degree Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, section 6]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	469	342	191	43	-	-	-	-	-	50	218	382	1,695
AK	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,105
AZ	Phoenix	394	269	187	52	-	-	-	-	-	13	159	368	1,442
AR	Little Rock	778	585	417	124	18	-	-	-	8	132	414	676	3,152
CA	Los Angeles	286	233	240	180	106	54	17	12	18	55	139	255	1,595
	Sacramento	611	412	366	229	83	21	-	-	7	82	360	601	2,772
	San Diego	258	196	193	124	71	40	5	-	7	32	118	240	1,284
	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490	3,011
CO	Denver	1,101	879	837	528	253	74	-	-	135	414	789	1,004	6,014
CT	Hartford	1,234	1,047	874	486	197	20	-	8	102	391	702	1,113	6,174
DE	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,966
DC	Washington	924	770	595	257	68	-	-	-	13	197	489	809	4,122
FL	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	-	5	42	199
GA	Atlanta	716	563	400	133	37	5	-	-	7	130	394	636	3,021
HI	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
IL	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156	6,455
	Peoria	1,349	1,070	859	411	176	22	-	5	64	361	756	1,153	6,226
IN	Indianapolis	1,209	983	775	382	158	15	-	-	63	330	696	1,039	5,650
IA	Des Moines	1,438	1,134	927	435	156	17	-	-	80	357	792	1,218	6,554
KS	Wichita	1,097	837	656	275	89	7	-	-	37	219	621	949	4,787
KY	Louisville	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
LA	New Orleans	423	318	171	25	-	-	-	-	-	31	186	336	1,490
ME	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
MD	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
MA	Boston	1,097	960	825	489	218	25	-	6	80	329	594	970	5,593
MI	Detroit	1,290	1,099	930	528	247	36	5	12	106	414	765	1,132	6,563
	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	966	1,404	9,305
MN	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587	9,901
	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
MS	Jackson	611	482	303	77	9	-	-	-	-	98	316	513	2,389
MO	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
MT	Great Falls	1,435	1,072	1,042	669	369	141	20	66	268	536	930	1,218	7,766
NE	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
NV	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
NH	Concord	1,398	1,198	1,020	627	314	67	20	39	191	521	831	1,256	7,482
NJ	Atlantic City	1,029	890	744	420	165	26	-	-	27	298	582	905	5,086
NM	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
NY	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
	New York	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
NC	Charlotte	760	619	459	155	50	-	-	-	10	166	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	713	3,531
ND	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,538	9,075
OH	Cincinnati	1,119	921	719	350	143	12	-	-	52	316	648	967	5,247
	Cleveland	1,225	1,053	880	507	244	33	8	11	99	371	696	1,051	6,178
	Columbus	1,175	986	775	408	178	19	-	5	78	355	687	1,020	5,686
OK	Oklahoma City	902	678	506	184	41	-	-	-	15	145	486	778	3,735
OR	Portland	809	610	592	438	263	118	35	51	111	332	585	747	4,691
PA	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,950
RI	Providence	1,141	1,000	856	513	239	31	-	6	94	366	648	1,014	5,908
SC	Columbia	637	508	346	87	22	-	-	-	-	123	339	567	2,629
SD	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
TN	Memphis	787	602	433	126	25	-	-	-	9	137	415	673	3,207
	Nashville	865	689	510	186	55	-	-	-	19	193	492	747	3,756
TX	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	465	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	442	314	175	32	-	-	-	-	-	36	201	349	1,549
UT	Salt Lake City	1,128	865	753	474	220	53	-	-	97	377	759	1,076	5,802
VT	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314	7,953
VA	Norfolk	778	669	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,960
WA	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	339	140	17	63	209	539	903	1,116	6,882
WV	Charleston	995	823	626	298	125	16	-	-	51	301	591	871	4,697
WI	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237	7,326
WY	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	908	1,107	7,310
PR	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. ¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

No. 384. Normal Monthly and Seasonal Cooling Degree Days, 65 Degree Base—Selected Cities

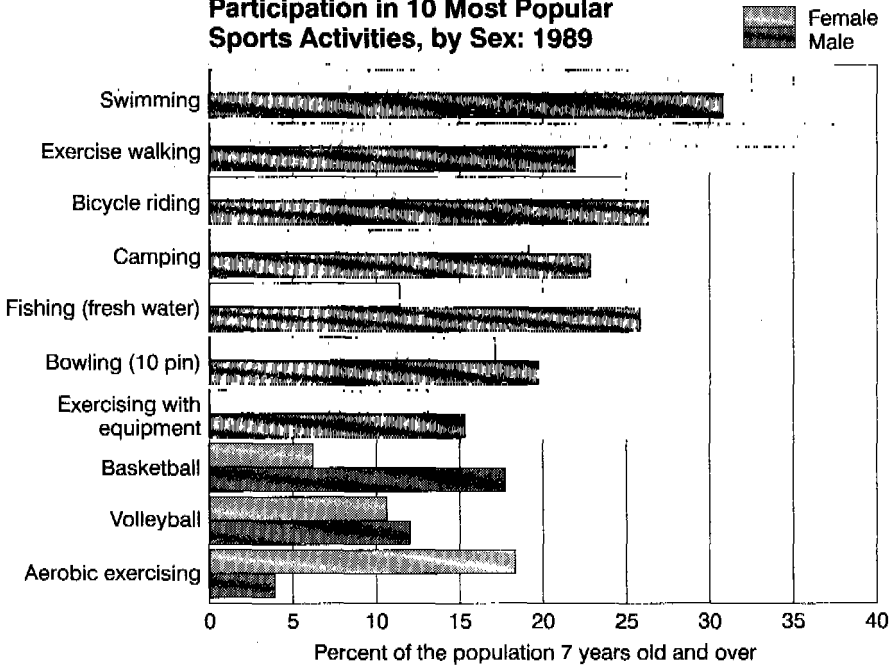
[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, section 6]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
AK	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	-
AZ	Phoenix	-	20	51	142	376	645	846	772	588	273	27	6	3,746
AR	Little Rock	-	-	20	46	188	405	530	496	287	73	-	-	2,045
CA	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	728
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	1,198
	San Diego	-	11	7	10	21	79	170	226	187	109	22	-	842
	San Francisco	-	-	-	-	-	13	16	27	47	12	-	-	115
CO	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
CT	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	666
DE	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,015
DC	Washington	-	-	-	8	99	285	431	391	196	20	-	-	1,430
FL	Jacksonville	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
GA	Atlanta	-	-	12	37	170	329	422	409	247	44	-	-	1,670
HI	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
ID	Boise	-	-	-	-	17	107	288	240	80	-	-	-	742
IL	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
	Peoria	-	-	-	-	71	208	314	256	82	17	-	-	948
IN	Indianapolis	-	-	-	-	80	213	313	257	111	14	-	-	988
IA	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
KS	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
KY	Louisville	-	-	7	12	110	266	391	353	179	24	-	-	1,342
LA	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,686
ME	Portland	-	-	-	-	-	23	118	104	9	-	-	-	254
MD	Baltimore	-	-	-	-	66	221	366	329	146	10	-	-	1,138
MA	Boston	-	-	-	-	17	115	266	220	68	13	-	-	699
MI	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
MN	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
MS	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
MO	Kansas City	-	-	-	8	99	270	423	363	144	26	-	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
MT	Great Falls	-	-	-	-	-	48	153	144	40	6	-	-	391
NE	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
NV	Reno	-	-	-	-	11	46	156	117	27	-	-	-	357
NH	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
NJ	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
NM	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
NY	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	-	18	83	186	146	43	-	-	-	476
	New York	-	-	-	-	56	199	363	322	135	14	-	-	1,089
NC	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
	Raleigh	-	-	9	16	121	270	394	372	189	23	-	-	1,394
ND	Bismarck	-	-	-	-	10	79	186	174	24	-	-	-	473
OH	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
	Columbus	-	-	-	-	66	175	273	235	102	11	-	-	862
OK	Oklahoma City	-	-	13	40	147	360	530	499	264	61	-	-	1,814
OR	Portland	-	-	-	-	6	43	119	122	42	-	-	-	332
PA	Philadelphia	-	-	-	-	59	202	357	319	129	9	-	-	1,075
	Pittsburgh	-	-	-	-	37	121	222	186	74	5	-	-	645
RI	Providence	-	-	-	-	10	85	235	195	49	-	-	-	574
SC	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2,033
SD	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
TN	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	238	45	-	-	1,661
TX	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	81	54	8	2,781
UT	Salt Lake City	-	-	-	-	28	152	368	311	97	5	-	-	981
VT	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
VA	Norfolk	-	-	-	15	96	282	415	394	225	31	-	-	1,458
	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
WA	Seattle-Tacoma	-	-	-	-	-	25	70	70	19	-	-	-	184
	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
WV	Charleston	-	-	-	7	91	196	295	270	129	19	-	-	1,007
WI	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
WY	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
PR	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero. ¹ City office data.

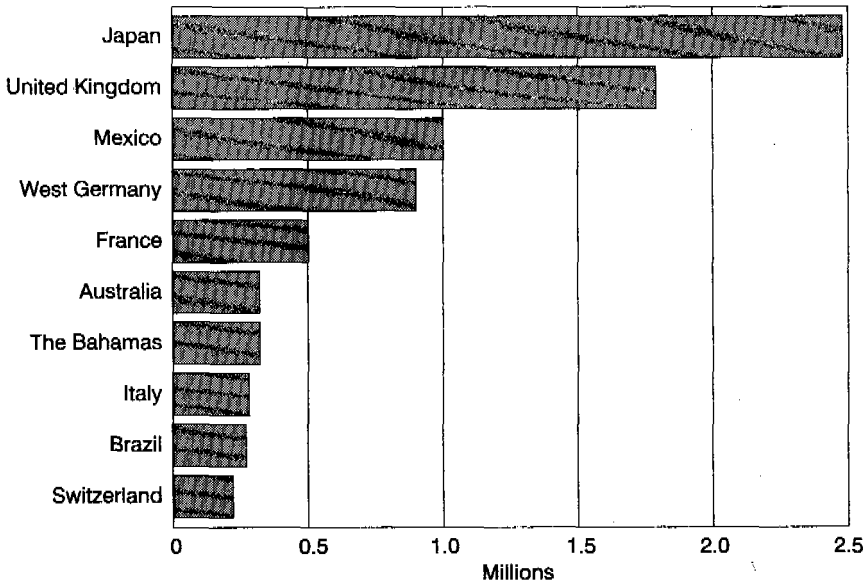
Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Figure 7.1

Participation in 10 Most Popular Sports Activities, by Sex: 1989

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 405.

Figure 7.2

Foreign Visitors for Pleasure Admitted, by Country of Last Residence—Top 10 Countries: 1989

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 425.



Section 7 Parks, Recreation, and Travel

This section presents data on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract*. The *National Parks: Index (year)* is a biannual report which has appeared under a variety of *Index* titles prior to 1985. Beginning with the 1985 edition, the report has appeared under the current title. The *Index* contains brief descriptions, with acreages, of each area administered by the Service, plus certain "related" areas. A brief statistical summary of Service-administered areas is also presented. The annual *Federal Recreation Fee Report* summarizes the prior year's recreation fee receipts and recreation visitation statistics for seven Federal land managing agencies.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange*. The Bureau of Land Management, in its *Public Land Statistics*, also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service*, 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.

Visitation.—Statistics presented on visitation to reporting areas are collected by several different agencies and groups. The methodology used to collect these results may vary accordingly, from visual counts and estimates to the use of electromagnetic traffic counters. Many factors, besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

Recreation and leisure activities.—Statistics on the participation in various recreation and leisure time activities are based on several sample surveys. Data on participation in fishing, hunting, and other forms of wildlife-associated recreation are published every five years by the U.S. Department of Interior, Fish and Wildlife Service. The most recent data are from the 1985 survey. Data on participation in various sports recreation activities are published by the National Sporting Goods Association.

Travel.—Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled annually by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business*. 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*. Data on domestic travel, business receipts and employment of the travel industry, and travel expenditures are published by the U.S. Travel Data Center, the national nonprofit center for travel and tourism research which is located in Washington, DC. Other data on household transportation characteristics may be found in section 21.

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

No. 385. Visitation to Federal Recreation Areas, by Administering Federal Agency: 1978 to 1988

[In millions of visitor hours. For years ending September 30, except as indicated. Covers persons entering and using a recreation area over a specified period of time. For definition of visitor hour, see text, section 7]

ADMINISTERING FEDERAL AGENCY	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
All areas	7,094	6,718	6,367	6,522	6,640	6,668	6,252	6,403	6,858	7,402	7,490
Fish and Wildlife Service	84	25	17	23	12	63	60	65	67	72	81
Forest Service	2,622	2,642	2,819	2,829	2,801	2,733	2,731	2,705	2,718	2,861	2,908
U.S. Army Corps of Engineers	2,071	1,961	1,926	1,488	1,632	1,638	1,652	1,721	2,068	2,176	2,290
National Park Service	1,154	1,066	1,042	1,198	1,216	1,276	1,240	1,298	1,348	1,394	1,375
Bureau of Land Management	634	525	68	444	341	596	208	246	284	515	461
Bureau of Reclamation	431	411	407	461	558	285	282	289	296	306	294
Tennessee Valley Authority	97	88	87	80	80	78	79	79	77	78	81

¹ Beginning 1986, not comparable with previous years. ² Data not comparable for all years.

Source: 1978-1980, U.S. Heritage Conservation and Recreation Service, *Federal Recreation Fee Report*, annual; thereafter, U.S. National Park Service.

No. 386. National Park System—Summary: 1981 to 1988

[For fiscal years ending in year shown, except as noted; see text, section 10. Includes data for five areas in Puerto Rico and Virgin Islands, one area in American Samoa, and one area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1981	1982	1983	1984	1985	1986	1987	1988
Finances (mil. dol.): ¹								
Expenditures reported	715.3	709.7	779.6	843.6	848.1	818.3	909.3	941.2
Salaries and wages	297.0	310.6	343.8	354.6	369.4	372.2	401.5	395.6
Improvements, maintenance	82.3	98.3	102.4	136.4	127.4	119.6	144.1	159.2
Construction	123.2	73.0	87.5	93.3	84.7	125.9	102.6	122.7
Other	212.8	227.8	245.9	259.3	266.6	200.6	261.1	263.7
Funds available	945.9	1,024.4	1,191.7	1,215.8	1,248.2	1,271.5	1,276.0	1,338.1
Appropriations	546.8	715.2	828.9	785.9	821.6	769.3	846.2	874.7
Other	399.1	309.2	362.8	429.9	426.6	502.2	429.8	463.4
Revenue from operations	22.9	25.5	33.1	36.2	50.6	50.7	70.8	77.2
Recreation visits (millions): ²								
All areas	238.6	244.1	243.6	248.6	263.4	281.1	287.2	282.5
National parks	50.4	49.6	50.0	49.7	50.0	53.5	56.6	56.4
National monuments	15.9	16.2	16.2	15.8	15.9	21.2	23.5	23.2
National historical, commemorative, archeological and military areas	58.4	62.3	57.3	63.6	61.9	65.5	68.6	61.2
National parkways	34.9	36.1	37.7	37.9	40.0	41.6	39.3	42.0
National recreation areas	47.7	49.7	48.9	45.7	49.4	54.8	56.5	54.5
National seashores and lakeshores	17.8	17.2	19.0	21.2	25.3	23.0	21.9	23.2
National Capital Parks	6.7	5.3	6.3	7.2	8.3	6.9	8.1	9.0
Miscellaneous other areas	6.8	7.7	8.2	7.5	12.6	14.5	12.7	12.9
Recreation overnight stays (millions) ³	16.4	16.4	15.7	16.0	15.8	16.0	17.1	17.0
In commercial lodgings	3.4	3.3	3.3	3.5	3.5	3.5	3.7	3.8
In Park Service campgrounds	8.9	8.8	7.8	7.7	7.3	7.2	8.0	7.9
In tents	4.2	4.2	3.6	3.7	3.6	3.5	4.0	3.9
In recreation vehicles	4.7	4.6	4.2	3.9	3.8	3.8	4.0	3.9
In backcountry	2.3	2.4	2.6	2.0	1.7	1.6	1.6	1.6
Other	1.8	1.9	2.0	2.8	3.2	3.6	3.8	3.7
Land (1,000 acres): ⁵								
Total	73,665	74,800	74,846	74,913	75,749	75,863	75,970	76,176
Parks	44,470	45,414	45,427	45,454	45,739	45,791	45,875	45,955
Recreation areas	3,327	3,313	3,317	3,322	3,335	3,337	3,339	3,339
Other	25,868	26,073	26,102	26,137	26,675	26,735	26,756	26,882
Acquisition, gross	70	40	50	44	34	177	134	38
By purchase	60	37	43	42	29	69	27	37
By gift	6	3	1	(Z)	2	20	(Z)	(Z)
By transfer or exchange	4	(Z)	6	2	3	88	107	1
Exclusion	(Z)	(Z)	2	2	(Z)	4	(Z)	(Z)
Acquisition, net	70	40	48	42	34	173	134	38

² Less than 500 acres. ¹ Financial data are those associated with the National Park System. Certain other functions of the National Park Service (principally the activities absorbed from the former Heritage Conservation and Recreation Service in 1981) are excluded. ² Includes funds carried over from prior years. ³ For calendar year. ⁴ Combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. ⁵ Federal land only, as of Dec. 31. Federal land acreages, in addition to National Park Service administered lands, also include lands within national park system area boundaries but under the administration of other agencies. Year-to-year changes in the federal lands figures include changes in the acreages of these other lands and hence often differ from "net acquisition."

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

No. 387. National Park System—Type of Area: 1988

[As of December 31, Totals include five areas in Puerto Rico and Virgin Islands, one area in American Samoa, and one area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage ¹	Recreation visits (mil.)	TYPE OF AREA	Number of areas	Federal acreage ¹	Recreation visits (mil.)
National Park System.	354	76,176,427	282.5	Parkways	4	161,332	42.0
National parks	50	45,955,102	56.4	National lakeshores	4	143,743	3.9
National historical parks	29	96,075	23.3	National rivers	14	256,993	4.4
National monuments	79	4,637,117	23.2	National Capital Parks ²	1	6,469	9.0
National military parks	9	33,133	4.4	Parks, other	10	32,118	7.4
National battlefields	11	9,539	1.7	National recreation areas	18	3,339,091	54.5
National battlefield parks	3	8,047	1.8	National trails	3	92,863	(NA)
National battlefield site	1	1	(NA)	National preserves	14	20,904,031	0.1
National historic sites	68	16,520	11.7	National Mall	1	146	(NA)
National memorials	23	7,865	18.3	White House	1	18	1.1
National seashores	10	476,224	19.3	Other	1	(NA)	(NA)

NA Not available. ¹ Includes 199,297 acres in which the Federal Government has a less-than-fee interest. ² 346 units in DC, MD, and VA. Not all report visits.

Source: U.S. National Park Service, *The National Parks: Index*, biannual; and *National Park Statistical Abstract*, annual.

No. 388. Selected National Park Service Areas—Acreage, 1988, and Visits and Overnight Stays, 1986 to 1988

[Calendar year data, except acreage as of December 31. Area selection based on minimum of 4 million visits or 200,000 overnight stays in 1988. For information on methodology and definition of "visits", see text, section 7]

AREA	Federal acres, 1988 ¹ (1,000)	RECREATION VISITS (mil.)			RECREATION OVERNIGHT STAYS ² (1,000)		
		1986	1987	1988	1986	1987	1988
Total, all areas³	76,176	281.1	287.2	282.5	15,997	17,123	17,011
Acadia National Park, ME	41	3.9	4.3	4.5	206	212	221
Big Bend National Park, TX	708	0.2	0.2	0.2	221	225	212
Blue Ridge Parkway, NC, VA	79	17.1	18.6	20.0	249	246	246
Cape Cod National Seashore, MA	27	4.0	4.9	5.2	16	16	19
Death Valley National Monument, CA, NV	2,049	0.6	0.7	0.7	328	314	346
Gateway National Recreation Area, NY, NJ	20	8.9	9.4	6.2	26	6	2
George Washington Memorial Parkway, VA, MD	7	9.1	9.6	9.5	-	-	-
Glacier National Park, MT	1,013	1.6	1.7	1.8	287	307	326
Glen Canyon National Recreation Area, AZ, UT	1,194	2.4	2.9	3.5	1,965	2,062	1,929
Golden Gate National Recreation Area, CA	28	21.6	21.8	21.8	112	112	117
Grand Canyon National Park, AZ	1,179	3.0	3.5	3.9	631	866	868
Grand Teton National Park, WY	307	1.3	1.5	1.2	421	453	428
Great Smoky Mountain National Park, NC, TN	520	9.8	10.2	8.8	460	495	494
Gulf Island National Seashore, MS, FL	99	7.6	4.8	5.2	171	174	186
Independence National Historical Park, PA	(Z)	5.0	7.3	5.4	-	-	-
Kings Canyon National Park, CA	462	1.0	1.1	1.0	267	284	287
Lake Mead National Recreation Area, AZ, NY	1,469	7.8	8.1	8.3	1,389	1,302	1,409
Mesa Verde National Park, CO	52	0.7	0.7	0.8	181	217	229
Natchez Trace Parkway, MS, TN, AL	52	14.4	9.9	11.7	20	23	21
National Capital Parks, DC, MD	6	6.6	8.1	9.0	-	-	-
Olympic National Park, WA	911	2.9	2.8	3.0	366	372	424
Ozark National Scenic Riverways	61	1.4	1.3	1.5	205	198	233
Rocky Mountain National Park, CO	265	2.4	2.5	2.5	197	205	215
Sequoia National Park, CA	402	1.1	1.1	1.0	383	442	359
Shenandoah National Park, VA	195	1.8	1.8	1.9	362	354	358
Valley Forge National Historical Park, PA	3	4.2	4.3	4.2	-	-	2
Virgin Island National Park, VI	13	0.8	0.8	0.8	218	203	222
Yellowstone National Park, ID, MT, WY	2,220	2.4	2.6	2.2	1,308	1,398	1,109
Yosemite National Park, CA	759	2.9	3.2	3.2	1,884	2,199	2,286
Zion National Park, UT	143	1.7	1.8	1.9	236	263	287

- Represents zero. Z Less than 500 acres. ¹ See footnote 1, table 387. ² The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. ³ Includes areas not shown separately.

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

No. 389. National Forest Recreation Use—Summary, 1980 to 1989, and by Activity and States and Other Areas, 1989

[For year ending September 30. Estimated. Represents recreational use of National Forest land and water in States which have a Forest Service recreation program. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

YEAR AND ACTIVITY	Recreation visitor-days ¹ (1,000)	Per- cent	STATE	Recreation visitor-days ¹ 1989 (1,000)	STATE OR OTHER AREA	Recreation visitor-days ¹ 1989 (1,000)
1980	233,549	100.0	U.S.	252,495	NV.	3,082
1981	235,709	100.0			NH.	2,684
1982	233,438	100.0	AL	686	NM.	7,466
1983	227,708	100.0	AK	4,636	NY.	22
1984	227,554	100.0	AZ	18,998	NC.	5,036
1985	225,407	100.0	AR	2,377	ND.	184
1986	226,533	100.0	CA	63,685	OH.	430
1987	238,458	100.0	CO	23,238	OK.	341
1988	242,316	100.0	FL	2,852	OR.	18,231
			GA	2,715	PA.	2,605
1989, total	252,495	100.0	ID	11,738	SC.	974
			IL	960	SD.	2,737
	81,266	32.2	IN	588	TN.	2,655
Camping, picnicking and swimming	72,263	28.6	KS	48	TX.	2,057
Hiking, horseback riding and water travel	21,277	8.4	KY	2,327	UT.	13,313
Hunting	16,053	6.4	LA	513	VT.	1,352
Winter sports	17,369	6.9	MA	53	WA.	3,946
Fishing	15,717	6.2	MI	4,725	WI.	18,018
Resorts, cabins and organization camps	14,682	5.8	MN	5,148	WV.	1,146
Nature studies	1,814	0.7	MS	1,237	WY.	1,979
Other ²	12,054	4.8	MO	1,705		6,068
			MT	9,412		
			NE	142	PR.	396

¹ One recreation visitor-day is the recreation use of National Forest land or water that aggregates 12 visitor-hours. This 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. ² Includes team sports, gathering forest products, attending talks and programs, and other uses.

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

No. 390. Recreational Use of Public Lands Administered by Bureau of Land Management, 1982 to 1989, and by State, 1989

[In thousands. For year ending Sept. 30. Beginning 1987, increase due to an estimated longer length of stay per visit, especially in California. See text, section 7]

YEAR AND STATE	Number of visits	TYPE OF RECREATION USE (visitor hours)										Snow- and ice-based recreational activity, winter sports
		Total	Land-based recreation activities						Water-based recreation activities			
			Motorized travel			Site based			Fishing	Boating	Other	
			Off-road vehicle travel	Other motorized travel	Non-motorized travel	Camping	Hunting	Other				
1982	58,135	316,959	19,471	32,646	11,237	63,928	108,996	44,587	19,287	10,101	1,043	5,663
1983	56,270	334,010	24,397	35,534	12,237	84,066	92,974	39,734	20,290	16,869	4,992	2,917
1984	59,228	271,373	21,348	25,433	9,579	73,032	73,898	37,650	14,263	11,184	2,092	2,894
1985	51,739	244,612	36,995	24,053	10,047	65,397	51,842	23,098	14,254	11,710	2,193	5,023
1986	54,253	284,142	49,688	25,866	14,397	95,196	35,570	19,331	18,227	15,891	3,951	6,025
1987	56,427	514,716	123,325	34,325	19,197	195,315	57,624	38,412	22,932	15,140	5,212	3,259
1988	57,460	492,756	122,014	35,748	19,761	178,703	55,285	38,340	21,617	13,294	4,979	3,015
1989, total	60,957	493,214	65,808	74,075	36,676	173,597	46,760	45,871	23,392	18,491	5,425	3,119
AK	242	5,170	43	263	94	3,718	413	77	339	161	4	58
AZ	3,970	36,693	1,010	119	237	29,052	2,356	1,262	538	1,598	519	2
CA	30,534	290,009	51,263	51,433	26,204	98,708	15,852	34,254	5,048	3,806	3,042	399
CO	3,001	17,492	929	2,669	626	3,642	5,974	621	1,538	1,245	26	222
ID	2,328	14,998	1,012	1,106	857	4,235	1,781	1,142	2,071	1,338	495	961
MT ¹	2,448	12,289	1,929	1,756	493	3,234	2,061	289	1,711	438	56	322
NV	2,767	17,665	2,943	1,912	1,361	5,600	2,660	830	1,871	234	155	99
NM	2,981	13,352	2,389	822	718	2,979	2,855	1,588	1,176	772	51	2
OR ²	6,283	41,509	794	6,500	1,101	12,137	6,063	2,505	7,287	3,637	948	537
UT	4,504	33,883	3,151	6,419	4,677	8,450	3,655	1,758	468	4,998	105	182
WY	1,899	10,154	345	1,076	308	1,842	3,090	1,545	1,325	264	24	335

¹ Includes North Dakota and South Dakota. ² Includes Washington.

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

No. 391. State Parks and Recreation Areas—States: 1989

[For year ending June 30. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is responsible for State parks only]

DIVISION AND STATE	Acreage (1,000)	VISITORS (1,000)		REVENUE		DIVISION AND STATE	Acreage (1,000)	VISITORS (1,000)		REVENUE	
		Total ¹	Day	Total (\$1,000)	Percent of operating budget			Total ¹	Day	Total (\$1,000)	Percent of operating budget
U.S. . . .	11,061	726,842	668,535	400,540	40.8	WV . . .	207	8,767	8,019	11,633	66.5
N. Eng:						NC . . .	129	7,938	7,577	1,467	21.5
ME	70	2,217	2,000	1,399	36.8	SC . . .	79	8,392	7,325	9,503	64.3
NH	33	4,439	4,241	6,910	89.1	GA . . .	62	14,351	10,763	10,850	48.2
VT	170	982	603	3,671	93.2	FL . . .	419	15,147	14,113	15,381	42.7
MA	269	14,133	13,235	7,324	37.0	E.S.C:					
RI	9	6,167	5,979	1,959	40.8	KY . . .	42	26,192	25,189	34,158	63.6
CT	170	8,612	8,254	2,525	16.2	TN . . .	133	26,060	24,964	16,432	49.6
M.A:						AL . . .	49	5,775	4,770	21,656	87.5
NY	258	56,056	53,043	25,041	23.5	MS . . .	23	4,385	3,800	4,430	45.8
NJ	301	10,620	10,164	4,754	19.9	W.S.C:					
PA	276	36,324	34,754	21,000	52.9	AR . . .	48	6,660	6,007	10,023	57.9
E.N.C:						LA . . .	38	1,028	732	1,525	26.9
OH	208	65,571	63,216	11,439	27.8	OK . . .	96	16,817	14,547	11,324	56.7
IN	57	9,397	7,787	8,324	69.4	TX . . .	433	20,828	18,504	11,625	30.6
IL	401	35,452	34,920	2,622	9.5	Mt:					
MI	262	24,707	19,099	15,717	73.4	MT . . .	51	4,195	3,636	300	12.1
WI	120	11,563	10,220	6,812	60.2	ID . . .	47	2,130	1,901	1,337	44.0
W.N.C:						WY . . .	119	1,798	1,349	136	3.9
MN	200	7,687	6,880	5,805	43.6	CO . . .	230	7,912	7,524	9,293	98.2
IA	83	10,767	10,276	2,014	24.2	NM . . .	119	4,826	2,179	2,660	37.6
MO	109	14,375	13,350	2,631	16.4	AZ . . .	39	2,017	1,696	1,846	28.9
ND	17	1,006	876	826	45.7	UT . . .	116	4,894	4,400	2,709	24.5
SD	92	5,470	5,087	3,678	73.4	NV . . .	142	2,981	2,812	775	20.2
NE	149	8,739	7,443	14,414	218.9	Pac:					
KS	30	5,109	3,337	2,458	45.5	WA . . .	231	40,637	38,459	6,646	26.6
So. Atl:						OR . . .	90	39,030	36,926	7,564	39.0
DE	12	1,742	1,548	3,447	69.9	CA . . .	1,287	77,307	70,920	42,112	28.0
MD	222	8,907	8,551	6,372	32.5	AK . . .	3,237	5,520	4,886	530	11.1
VA	52	3,873	3,419	2,030	21.5	HI . . .	25	17,340	17,254	1,251	21.9

¹ Includes overnight visitors.

Source: National Association of State Park Directors, Austin, TX, 1990 Annual Information Exchange.

No. 392. Personal Consumption Expenditures for Recreation: 1970 to 1989

[In billions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1970	1980	1983	1984	1985	1986	1987	1988	1989
Total recreation expenditures	42.7	115.0	152.1	168.3	185.7	201.2	223.2	245.1	264.4
Percent of total personal consumption ¹	6.7	6.6	6.8	6.9	7.1	7.2	7.4	7.6	7.7
Books and maps	2.9	5.6	7.2	7.8	8.1	8.6	9.5	10.5	11.4
Magazines, newspapers, and sheet music	4.1	10.4	12.0	12.7	13.2	13.9	15.4	17.0	18.5
Nondurable toys and sport supplies	5.5	14.6	18.0	19.7	21.1	23.1	26.2	28.0	30.2
Wheel goods, durable toys, sports equipment ²	5.2	17.2	20.4	24.8	26.7	29.7	33.2	35.4	36.2
Radio and television receivers, records, and musical instruments	8.5	19.9	28.2	31.5	37.0	38.8	41.6	47.1	51.1
Radio and television repair	1.4	2.6	2.8	2.8	3.2	3.3	3.7	3.9	4.2
Flowers, seeds, and potted plants	1.8	4.0	4.8	5.2	5.5	5.8	7.0	7.5	8.1
Admissions to specified spectator amusements	3.3	6.5	8.6	9.5	9.5	10.2	11.3	12.1	13.4
Motion picture theaters	1.6	2.7	3.6	3.9	3.6	3.9	4.2	4.4	5.0
Legitimate theaters and opera, and entertainments of nonprofit institutions ³	0.5	1.8	2.4	2.7	3.0	3.3	4.0	4.5	4.9
Spectator sports ⁴	1.1	2.0	2.6	2.9	2.9	2.9	3.0	3.2	3.5
Clubs and fraternal organizations except insurance ⁵	1.5	3.0	4.2	4.5	4.8	5.0	5.5	5.9	6.3
Commercial participant amusements ⁶	2.4	9.7	13.6	14.1	15.1	16.0	17.1	18.7	20.2
Pari-mutuel net receipts	1.1	2.1	2.3	2.6	2.6	2.6	2.7	2.8	2.8
Other	5.1	19.4	30.0	33.1	38.9	44.1	50.0	56.2	61.9

¹ See table 704. ² Includes boats and pleasure aircraft. ³ Except athletic. ⁴ Consists of admissions to professional and amateur athletic events and to racetracks, including horse, dog and auto. ⁵ Consists of dues and fees excluding insurance premiums. ⁶ Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant amusements. ⁷ 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, 1929-1982*; and *Survey of Current Business*, July issues.

No. 393. Average Annual Expenditures of All Consumer Units for Entertainment and Reading, 1984 to 1988, and by Selected Characteristics, 1988

[In dollars, except as indicated. Based on Consumer Expenditure Survey; see text, section 14, for description of survey. See also headnote, table 719. For composition of regions, see fig. 1, inside front cover]

YEAR AND CHARACTERISTIC	ENTERTAINMENT AND READING		ENTERTAINMENT ¹				Reading
	Total	Percent of total expenditures	Total	Fees and admissions	Television, radios, and sound equipment	Other equipment and services ²	
1984	1,187	5.4	1,055	313	322	420	132
1985	1,311	5.6	1,170	320	371	479	141
1986	1,289	5.4	1,149	308	371	470	140
1987	1,335	5.5	1,193	323	379	491	142
1988, all consumer.	1,479	5.7	1,329	353	416	560	150
Age of reference person:							
Under 25 years old	1,041	6.4	961	247	349	364	80
25 to 34 years old	1,527	5.9	1,396	310	442	644	131
35 to 44 years old	2,158	6.5	1,975	514	597	865	183
45 to 54 years old	1,802	5.4	1,615	485	479	651	187
55 to 64 years old	1,300	5.0	1,136	340	350	446	164
65 to 74 years old	1,032	5.1	881	262	284	335	151
75 years old and over	451	3.4	351	101	141	109	100
Region of residence: Northeast	1,413	5.4	1,232	385	414	432	181
Midwest	1,407	5.7	1,255	348	412	495	152
South	1,367	5.5	1,246	290	398	558	121
West	1,819	6.3	1,657	431	450	777	162
Size of consumer unit: One person	925	5.9	813	247	282	284	112
Two persons	1,419	5.4	1,254	345	366	542	165
Two or more persons	1,695	5.7	1,530	394	468	668	165
Three persons	1,737	5.7	1,575	384	515	675	162
Four persons	2,244	6.5	2,062	478	590	994	182
Five persons or more	1,649	5.0	1,505	435	512	557	144
Income before taxes:							
Complete income reporters ³	1,501	5.7	1,349	352	422	574	152
Under \$5,000	487	4.5	428	126	156	147	59
\$5,000 to \$9,999	546	4.7	469	110	221	137	77
\$10,000 to \$14,999	895	5.3	802	139	297	367	93
\$15,000 to \$19,999	970	5.0	856	186	322	348	114
\$20,000 to \$29,999	1,333	5.4	1,191	310	416	465	142
\$30,000 to \$39,999	1,695	5.4	1,510	420	494	597	185
\$40,000 to \$49,999	2,225	5.9	1,995	526	576	892	230
\$50,000 and over	3,435	6.6	3,148	880	788	1,480	287

¹ Some expenditures for vacation trips are not included in this category, such as food, lodging, and vehicle expenses.

² Other equipment and services includes pets, toys, and playground equipment. ³ A complete reporter is a consumer unit providing values for at least one of the major sources of income.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey*, annual.

No. 394. Quantity of Books Sold and Value of U.S. Domestic Consumer Expenditures, by Type of Publication and Market Area: 1982 to 1989

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit]

TYPE OF PUBLICATION AND MARKET AREA	UNITS SOLD (mil.)						CONSUMER EXPENDITURES (mil. dol.)					
	1982	1985	1986	1987	1988	1989, prel.	1982	1985	1986	1987	1988	1989, prel.
Total ¹	1,723	1,788	1,798	1,804	1,871	2,003	9,889	12,611	13,333	14,671	16,111	18,036
Hardbound, total	647	694	710	738	757	827	6,190	7,969	8,480	9,326	10,055	11,243
Softbound, total	1,076	1,094	1,088	1,066	1,114	1,177	3,699	4,642	4,853	5,345	6,056	6,793
Trade	459	553	563	577	610	685	2,484	3,660	3,878	4,453	5,070	6,040
Adult	315	360	352	357	365	404	2,028	2,871	2,969	3,399	3,806	4,520
Juvenile	144	193	210	220	244	281	456	789	910	1,054	1,264	1,520
Religious	144	134	133	128	121	124	706	926	987	1,104	1,168	1,274
Professional	106	110	117	120	125	128	1,630	2,043	2,208	2,350	2,573	2,769
Bookclubs	133	130	126	121	112	109	510	582	591	660	671	684
Elhi text	233	234	228	207	202	213	1,067	1,415	1,534	1,633	1,716	1,909
College text	115	110	111	119	130	136	1,388	1,575	1,670	1,803	1,998	2,144
Mail order publications	133	121	124	128	138	152	581	650	672	679	720	822
Mass market paperbacks-rack sized	382	382	381	391	419	441	1,102	1,244	1,249	1,411	1,556	1,693
General retailers	756	829	845	864	914	994	3,743	5,103	5,392	6,117	6,875	7,914
College stores	224	225	225	230	243	253	1,910	2,309	2,430	2,636	2,904	3,164
Libraries and institutions ²	80	80	81	81	82	87	888	1,090	1,161	1,252	1,361	1,500
Schools ²	262	260	255	236	233	246	1,313	1,685	1,820	1,946	2,065	2,290
Direct to consumers	319	300	299	299	302	316	1,889	2,214	2,309	2,477	2,638	2,859
Other	82	94	94	95	97	108	146	210	220	244	267	309

¹ Types of publications include university press publications and subscription reference works, not shown separately. ² Elhi libraries included in schools.

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends*, annual. (Copyright.)

No. 395. New Books and Editions Published, and Imports, by Subject: 1980 to 1989

[Covers listings in Bowker's Weekly Record in year shown, plus titles issued in that year which were listed in following 6 months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	NEW BOOKS AND NEW EDITIONS						IMPORTS					
	1980	1985	1986	1987	1988	1989, prel.	1980	1985	1986	1987	1988	1989, prel.
Total	42,377	50,070	52,637	56,057	55,483	45,718	5,390	7,304	7,749	8,229	8,722	6,161
Agriculture	461	536	564	652	666	469	104	118	124	135	129	82
Art	1,691	1,545	1,697	1,693	1,602	1,320	157	166	168	128	154	113
Biography	1,891	1,953	2,152	2,259	2,250	1,886	126	216	188	173	190	112
Business	1,185	1,518	1,604	1,462	1,647	1,361	74	196	159	154	194	125
Education	1,011	1,085	1,029	1,081	1,113	892	133	211	220	276	239	209
Fiction	2,835	5,105	5,578	6,298	5,564	5,103	71	171	247	291	287	93
General works	1,643	2,905	2,484	2,620	2,475	1,939	132	329	346	382	372	268
History	2,220	2,327	2,471	2,882	3,260	2,227	296	395	384	482	509	312
Home economics	879	1,228	1,103	1,168	1,057	814	40	41	42	39	36	26
Juvenile	2,859	3,801	4,516	4,642	4,954	4,735	58	92	112	109	104	59
Language	529	632	688	699	628	504	134	216	334	201	206	160
Law	1,102	1,349	1,385	1,544	1,343	915	112	170	190	225	191	140
Literature	1,686	1,964	2,145	2,358	2,272	1,991	183	267	261	295	330	233
Medicine	3,292	3,579	3,445	3,995	3,900	2,939	671	598	665	757	779	588
Music	357	364	356	352	329	335	35	70	66	66	74	67
Philosophy, psychology	1,429	1,559	1,669	1,845	1,955	1,776	218	267	263	331	275	297
Poetry and drama	1,179	1,166	1,278	1,236	1,270	992	120	220	216	180	224	131
Religion	2,055	2,564	2,788	2,850	2,746	2,151	94	173	141	163	162	137
Science	3,109	3,304	3,360	3,658	3,743	2,795	1,069	1,242	1,214	1,302	1,396	1,012
Sociology, economics	7,152	7,441	7,912	8,115	8,247	6,835	1,050	1,559	1,635	1,736	1,825	1,348
Sports, recreation	971	1,154	1,192	1,263	1,099	905	85	107	110	97	97	68
Technology	2,337	2,526	2,698	2,756	2,694	2,251	373	419	618	651	897	545
Travel	504	465	543	629	669	586	55	61	46	56	52	33

¹ Increase is due largely to a major improvement in the recording of paperbound books. ² Revised since originally published.

Source: R. R. Bowker Co., New York, NY, *Publishers Weekly*. (Copyright by Reed Publishing.)

No. 396. Books and Periodicals—Average (Mean) Retail Prices: 1980 to 1989

[See headnote, table 395. For definition of mean, see Guide to Tabular Presentation]

SUBJECT	BOOKS (per vol.)				SUBJECT	PERIODICALS ³			
	1980	1985	1988	1989, prel.		1980	1985	1988	1989
Hardcover ¹	\$24.64	\$31.46	\$39.00	\$40.10	Total	\$34.54	\$59.70	\$77.93	\$85.37
Agriculture	27.55	36.77	49.36	51.62	Agriculture	15.24	26.05	33.56	36.62
Art	27.70	35.15	39.96	52.17	Business and economics	25.42	44.41	53.89	57.93
Biography	19.77	22.20	25.99	27.37	Chemistry and physics	137.45	238.43	329.99	367.99
Business	22.45	28.84	37.51	37.86	Children's periodicals	7.85	13.31	16.39	16.95
Education	17.01	27.28	33.55	37.48	Engineering	49.15	84.38	114.83	128.37
Fiction	12.46	15.29	17.63	18.66	Fine and applied arts	18.67	27.03	32.43	35.07
General reference	29.84	37.91	50.35	48.73	History	15.77	25.55	30.16	32.27
History	22.78	27.02	33.44	35.43	Home economics	24.63	41.04	54.73	60.92
Home economics	13.31	17.50	21.38	22.11	Industrial arts	20.70	35.09	44.20	48.68
Juvenile	8.16	9.95	11.79	12.13	Journalism, communications	27.34	46.08	53.39	58.13
Language	22.16	28.68	40.42	49.43	Labor and industrial relations	18.84	34.75	44.06	50.65
Law	33.25	41.70	50.85	57.33	Law	23.00	35.15	43.33	46.01
Literature	18.70	24.53	30.85	31.69	Library and information science	23.25	40.66	51.61	54.45
Medicine	34.28	44.36	66.59	69.70	Literature and languages	15.30	24.18	28.04	29.41
Music	21.79	28.79	36.95	41.69	Mathematics, botany, geology, and general science	67.54	116.93	159.33	173.21
Philosophy, psychology	21.70	28.11	34.75	36.12	Medicine	73.37	137.92	180.67	199.22
Poetry and drama	17.85	22.14	28.02	30.76	Philosophy and religion	14.73	24.30	27.09	28.62
Religion	17.61	19.13	26.73	27.87	Education	23.45	37.81	47.95	51.43
Science	37.45	51.19	66.91	68.35	Physical education and recreation	13.83	23.72	28.60	30.16
Sociology, economics	31.76	33.33	37.25	41.09	Political science	19.30	32.72	41.55	45.03
Sports, recreation	15.92	23.43	27.33	29.91	Psychology	41.95	76.34	100.57	114.52
Technology	33.64	50.37	65.26	69.86	Sociology and anthropology	27.56	50.87	64.27	66.73
Travel	16.80	24.66	26.22	31.93	Zoology	44.58	90.75	127.33	142.13
Paperbacks:					General interest periodicals	19.87	26.41	28.29	29.69
Mass market ²	(NA)	3.63	4.55	4.38					
Trade or other	8.60	13.98	15.01	16.60					

NA Not available. ¹ Excludes publications of U.S. and other governmental units, books sold only by subscription, and dissertations. ² "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. ³ Average annual subscription prices.

Source: R. R. Bowker Co., New York, NY, *Books, Publishers Weekly*, March 1990; *Bowker Annual: Library and Book Trade Almanac*; Periodicals, *Library Journal*, April 15, 1990, and earlier issues. (Copyright by Reed Publishing.)

No. 397. Phonograph Records and Other Recording Media—Manufacturers' Shipments and Value: 1975 to 1989

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and other media. Minus sign (-) indicates returns greater than shipments]

TYPE OF MEDIA	UNIT SHIPMENTS ¹ (mil.)					MANUFACTURERS' VALUE (mil. dol.)				
	1975	1980	1985	1988	1989	1975	1980	1985	1988	1989
Total ²	531.8	683.7	653.0	761.6	800.7	2,378.3	3,862.4	4,387.8	6,253.0	6,464.1
Phonograph records	421.0	487.1	287.7	138.0	71.2	1,696.5	2,559.6	1,561.5	712.7	336.7
Long-playing albums ³	257.0	322.8	167.0	72.4	34.6	1,485.0	2,290.3	1,280.5	532.3	220.3
Singles	164.0	164.3	120.7	65.6	36.6	211.5	269.3	281.0	180.4	116.4
Pre-recorded	110.8	196.6	342.6	472.6	522.5	681.8	1,302.8	2,436.8	3,442.4	3,540.4
8-track cartridges	94.6	86.4	3.5	-	-	583.0	526.4	25.3	(X)	(X)
Cassettes	16.2	110.2	339.1	450.1	446.3	98.8	776.4	2,411.5	3,385.1	3,345.8
Cassette singles	(X)	(X)	(X)	22.5	76.2	(X)	(X)	(X)	57.3	194.6
Compact disks (CD's)	(X)	(X)	22.6	149.7	207.2	(X)	(X)	389.5	2,089.9	2,587.7
CD singles	(X)	(X)	(X)	1.5	-0.1	(X)	(X)	(X)	8.0	-0.7
Music video	(X)	(X)	(X)	0.1	6.0	(X)	(X)	(X)	1.7	115.4

- Rounds to zero. X Not applicable. ¹ Units net after returns. ² Excludes music video. ³ Includes extended play albums.

Source: Recording Industry Association of America, Inc., Washington, DC, *Inside the Recording Industry: A Statistical Overview—1989 Update* (copyright), and earlier issues.

No. 398. Household Camera and Video Equipment Use, by Selected Characteristic: 1985 and 1988

[As of January, except as indicated. Based on surveys and subject to sampling error; for details, see source]

CHARACTERISTIC	TOTAL HOUSEHOLDS ¹ (1,000)		PERCENT OWNING—						PERCENT USING VIDEO TRANSFER SERVICE ²	
			Camera		Video equipment					
					Video cassette recorder		Video camera/camcorder			
	1985	1988	1985	1988	1985	1988	1985	1988	1985	1988
Total	85,407	89,479	85.1	91.9	20.9	66.5	2.2	7.2	1.2	5.5
Age of householder:										
Under 25 years old	2,985	4,255	93.0	95.1	18.2	66.9	-	3.6	-	4.9
25 to 34 years old	17,841	24,698	92.3	95.5	24.7	74.5	3.4	7.9	0.8	4.8
35 to 44 years old	17,638	20,056	94.5	96.0	34.2	81.0	4.2	10.2	2.7	7.1
45 to 54 years old	14,042	13,569	90.7	94.5	23.7	69.8	1.0	9.3	1.0	7.9
55 years old and over	32,901	26,900	74.2	83.5	10.5	45.3	1.2	3.9	0.8	3.7
Educational attainment of householder:										
Some high school or less	11,329	6,249	72.5	81.2	6.6	46.0	1.1	3.2	1.2	2.4
High school graduate	33,240	27,466	83.0	90.2	17.8	58.6	1.2	6.8	0.4	4.0
Some college	18,384	25,978	90.4	93.1	24.0	69.4	3.0	5.9	1.8	4.8
College graduate or more	22,454	29,787	90.0	94.8	29.6	75.4	3.9	9.8	1.5	8.0
Household income:										
Under \$10,000	14,178	14,373	65.6	79.7	6.7	30.8	-	1.8	1.0	1.9
\$10,000 to \$19,999	15,467	17,705	82.9	90.1	7.0	50.5	0.4	0.9	-	3.2
\$20,000 to \$29,999	13,635	16,634	87.1	94.1	17.9	72.5	0.5	5.6	0.5	5.4
\$30,000 to \$44,999	18,723	19,223	93.5	95.8	38.0	78.4	4.7	10.0	1.4	5.9
\$45,000 or more	23,404	21,544	89.2	96.1	26.1	85.9	3.8	14.6	2.3	9.4

- Represents or rounds to zero. ¹ As of March the prior year. ² Anytime during the prior year.

Source: Photo Marketing Association International, Jackson, MI, *Consumer Photographic Survey, 1985 and 1988*. (Copyright.)

No. 399. Floral and Nursery Products—Grower Cash Receipts, Imports, and Consumption: 1987 to 1989

[In millions of dollars, except per capita. Based on ERS estimates and a survey of 28 commercial floriculture states. For details, see source]

ITEM	Total	Cut flowers	OTHER NURSERY ORNAMENTALS				
			Potted flowering plants	Foliage plants	Bedding plants	Cut cultivated greens	Other ¹
Wholesale value:							
1987	6,655	494	647	606	821	99	3,988
1988	6,969	514	643	567	839	102	4,304
1989, prel	7,295	527	661	560	964	111	4,471
Imports:							
1987	376	244	14	22	(NA)	24	72
1988	429	284	16	22	(NA)	22	86
1989, prel	526	316	20	28	(NA)	16	147
Consumption:							
1987	6,945	719	637	603	821	118	4,046
1988	7,292	778	626	557	839	116	4,378
1989, prel	7,677	815	636	545	964	116	4,601
Per capita (dol.): ²							
1987	28.53	2.95	2.62	2.48	3.37	0.49	16.62
1988	29.67	3.17	2.55	2.27	3.41	0.47	17.81
1989, prel	30.92	3.32	2.59	2.22	3.92	0.47	18.72

NA Not available. ¹ Includes annuals and perennials (except Christmas trees), for example, bulbs, live plants, turfgrass.

² Based on U.S. Bureau of the Census estimated resident population as of July 1.

Source: U.S. Department of Agriculture, Economic Research Service, *Floriculture and Environmental Horticulture Products: A Production and Marketing Statistical Review: 1960 to 1988*, 1990 and unpublished data.

No. 400. Household Participation in Lawn and Garden Activities—Summary: 1985 to 1989

[Based on national sample survey conducted by the Gallup Organization. For the 1989 survey, a total of 2,053 households were personally interviewed at home. For composition of region, see fig. 1, inside front cover. Subject to sampling variability, see source]

ACTIVITY	1985	1986	1987	1988	1989	CHARACTERISTIC OF RESPONDENT	1989, PERCENT DISTRIBUTION	
							Households	Sales
Number of households (mil.)	87.9	88.5	89.5	91.1	92.8	Total	100	100
Percent of households engaged in—						18-29 years old	21	21
Lawn care	64	58	59	58	57	30-49 years old	41	46
Indoor houseplants	42	41	41	41	37	50 years old and over	38	33
Flower gardening	41	44	43	42	41	Northeast	23	24
Vegetable gardening	37	38	33	34	32	Midwest	28	27
Shrub care	30	31	33	34	29	South	29	25
Insect control	27	33	30	32	29	West	20	24
Landscaping	23	22	24	22	22	City	23	20
Tree care	20	24	25	23	23	Suburb	35	38
Flower bulbs	19	24	27	24	23	Small town	12	10
Fruit trees	17	17	18	16	14	Rural	30	32
Raising transplants ¹	11	13	15	11	11			
Growing berries	7	8	9	8	7			
Ornamental gardening	7	6	8	6	5			
Herb gardening	(NA)	6	7	5	7			
Container gardening	(NA)	12	12	11	11			
Total retail sales (mil. dol.)	12,026	14,206	17,491	15,518	16,285			

NA Not available. ¹ Starting plants in advance of planting in ground.

Source: The National Gardening Association, Burlington, VT, *National Gardening Survey*, annual. (Copyright.)

No. 401. Sport Fishing and Hunting Licenses—Number and Cost: 1970 to 1988

[For fiscal years ending in year shown; see text, section 9. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
Fishing licenses: Sales	Million	31.1	34.7	35.2	37.2	37.8	36.1	35.7	35.9	36.5	36.8
Resident	Million	26.8	30.0	30.1	32.1	32.5	31.0	30.5	30.4	31.0	31.3
Nonresident	Million	4.3	4.7	5.1	5.1	5.3	5.1	5.2	5.4	5.6	5.5
Paid license holders	Million	24.4	27.5	28.0	29.6	29.1	29.0	29.7	30.4	30.3	31.4
Cost to anglers	Mil. dol.	91	142	196	227	244	260	282	302	315	330
Hunting licenses: Sales	Million	22.2	25.9	27.0	28.3	28.9	28.5	27.7	27.9	28.8	30.0
Resident	Million	21.0	24.7	25.6	26.7	27.2	26.8	26.1	26.3	27.1	27.7
Nonresident	Million	1.2	1.3	1.4	1.6	1.7	1.7	1.6	1.7	1.7	2.0
Paid license holders ¹	Million	15.4	16.6	16.3	16.7	16.4	16.0	15.9	15.8	15.8	15.9
Cost to hunters	Mil. dol.	102	155	222	259	277	292	301	323	345	381
Federal duck stamps sold	1,000	2,072	2,222	2,090	1,907	1,926	1,868	1,914	1,780	1,794	1,662

¹ Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home State license. "Licenses" includes licenses, tags, permits and stamps.

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

No. 402. Household Pet Ownership: 1983 and 1987

[Based on a sample survey of 40,000 households in 1987 and 20,000 in 1983; for details, see source]

ITEM	Unit	DOG		CAT		PET BIRD		HORSE	
		1983	1987	1983	1987	1983	1987	1983	1987
Households owning companion pets ¹	Million	36.1	34.7	24.2	27.7	4.2	5.2	2.4	2.6
Percent of all households	Percent	42.5	38.2	28.4	30.5	5.0	5.7	2.8	2.8
Average number owned	Number	1.5	1.5	2.2	2.0	2.5	2.5	3.0	2.6
Total companion pet population ¹	Million	55.6	52.4	52.2	54.6	10.4	12.9	7.0	6.6
Households obtaining veterinary care ²	Percent	74	78	47	60	8	8	43	47
Average visits per year	Number	1.8	2.4	1.0	1.6	0.1	0.2	1.4	1.9
Average annual cost	Dollars	66.87	82.86	36.83	54.26	(NA)	4.47	(NA)	120.75
Total expenditures	Mil. dol.	2,564	3,012	955	1,573	(NA)	26	180	330
PERCENT DISTRIBUTION OF HOUSEHOLDS OWNING PETS									
Annual household income: Under \$10,000	Percent	19	14	20	14	21	17	16	14
\$10,000 to \$19,999	Percent	53	19	53	20	54	20	53	22
\$20,000 to \$29,999	Percent	23	18	27	19	25	18	20	20
\$30,000 to \$44,999	Percent	28	23	27	22	25	21	31	21
\$45,000 and over	Percent	26	26	27	25	24	24	24	23
Family size: ¹ One person	Percent	12	13	15	16	13	14	8	10
Two persons	Percent	30	30	30	30	24	24	26	27
Three persons	Percent	22	23	20	21	20	20	24	23
Four or more persons	Percent	36	34	35	33	43	42	42	40

NA Not available. ¹ As of December for 1987; as of May for 1983. ² During 1987 for 1987; for 1983, between May 1982-1983.

Source: American Veterinary Medical Association, Schaumburg, IL, *The Veterinary Services Market for Companion Animals, July 1983 and August 1988* (copyright).

No. 403. Selected Spectator Sports: 1980 to 1989

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

SPORT	Unit	1980	1982	1983	1984	1985	1986	1987	1988	1989
Baseball, major leagues: ¹										
Attendance	1,000 . .	43,746	45,415	46,269	45,262	47,742	48,452	53,182	53,800	55,661
Regular season	1,000 . .	43,014	44,587	45,540	44,742	46,824	47,506	52,011	52,999	55,173
National League	1,000 . .	21,124	21,507	21,549	20,781	22,292	22,333	24,734	24,499	25,324
American League	1,000 . .	21,890	23,080	23,991	23,961	24,532	25,173	27,277	28,500	29,849
Playoffs	1,000 . .	407	443	425	248	591	624	784	541	265
World Series	1,000 . .	325	385	304	272	327	322	387	260	223
Players' salaries: ²										
Average	\$1,000 . .	144	241	289	329	371	413	412	439	497
Basketball: ^{3 4}										
Men's:										
College:										
Teams	Number . .	1,258	1,264	1,266	1,260	1,266	1,265	1,270	1,277	1,264
Attendance	1,000 . .	30,692	31,106	31,471	31,684	32,057	31,645	31,911	32,504	33,020
Women's:										
College:										
Teams	Number . .	(NA)	1,095	1,114	1,147	1,166	1,188	1,188	1,190	1,190
Attendance	1,000 . .	(NA)	2,397	2,502	2,870	2,944	3,020	3,121	3,301	3,576
Pro: ⁵										
Teams	Number . .	22	23	23	23	23	23	23	23	25
Attendance, total ⁶	1,000 . .	10,697	10,712	10,262	11,128	11,534	12,210	13,190	14,070	16,586
Regular season	1,000 . .	9,938	9,965	9,638	10,015	10,506	11,215	12,065	12,654	15,465
Average per game	Number . .	11,017	10,593	10,220	10,620	11,141	11,893	12,765	13,419	15,088
Playoffs	1,000 . .	740	727	606	1,096	985	979	1,091	1,397	1,077
Players' salaries:										
Average	\$1,000 . .	170	212	249	275	325	375	440	510	600
Football:										
College: ⁴										
Teams	Number . .	642	649	651	654	661	666	667	673	673
Attendance	1,000 . .	35,541	36,539	36,302	36,652	36,312	36,388	36,463	35,581	36,406
National Football League: ⁷										
Teams	Number . .	28	28	28	28	28	28	28	28	28
Attendance, total ⁸	1,000 . .	14,092	14,504	13,953	14,053	14,058	17,304	15,180	17,024	17,399
Regular season	1,000 . .	13,392	13,367	13,277	13,398	13,345	13,588	11,406	13,539	13,625
Average per game	Number . .	59,787	58,472	59,273	59,813	59,567	60,663	54,315	60,446	60,829
Postseason games ¹⁰	1,000 . .	700	1,137	676	655	711	734	656	658	685
Players' salaries:										
Average	\$1,000 . .	79	102	127	158	193	203	212	239	300
Median base salary	\$1,000 . .	70	80	90	110	140	150	175	180	200
National Hockey league: ¹²										
Regular season attendance	1,000 . .	10,534	10,710	11,021	11,359	11,633	11,621	12,116	12,418	12,579
Playoffs attendance	1,000 . .	977	1,058	1,008	1,107	1,109	1,152	1,336	1,323	1,424
Players' salaries: ¹³										
Average	\$1,000 . .	108	124	130	145	150	158	172	188	210
Horseracing: ^{14 15}										
Racing days	Number . .	13,133	13,523	13,545	13,683	13,745	13,853	14,208	14,285	14,240
Attendance	1,000 . .	74,690	76,858	75,693	74,076	73,346	70,580	70,105	69,949	69,551
Pari-mutuel turnover	Mil. dol . .	11,218	11,888	11,733	12,032	12,222	12,421	13,122	13,616	13,867
Revenue to government	Mil. dol . .	713	653	639	650	625	587	608	596	585
Greyhound: ¹⁴										
Total performances	Number . .	5,855	6,499	8,257	8,661	9,590	10,654	11,156	12,904	13,393
Attendance	1,000 . .	20,874	21,375	22,140	22,076	23,853	25,759	26,215	26,477	33,818
Pari-mutuel turnover	Mil. dol . .	2,064	2,179	2,306	2,421	2,702	3,005	3,193	3,291	3,278
Revenue to government	Mil. dol . .	152	160	170	177	201	215	221	230	239
Jai alai: ¹⁶										
Total performances	Number . .	1,616	2,107	2,795	2,721	2,736	2,761	2,906	3,615	3,835
Games played	Number . .	25,349	32,947	44,425	42,842	32,260	36,276	38,476	47,716	49,871
Attendance	1,000 . .	3,939	4,948	4,829	4,878	4,722	6,757	6,816	6,414	5,227
Pari-mutuel turnover	Mil. dol . .	(NA)	622.8	619.8	665.9	664.0	667.6	707.5	663.6	553.0
Revenue to government	Mil. dol . .	35	45	45	48	50	50	51	44	39
Professional rodeo: ¹⁷										
Rodeos	Number . .	631	643	650	643	617	616	637	707	741
Performances	Number . .	1,921	1,936	1,964	1,936	1,887	1,868	1,832	2,037	2,128
Members	Number . .	5,114	5,461	5,353	5,324	5,239	5,603	5,342	5,479	5,580
Permit-holders (rookies)	Number . .	4,038	4,105	2,929	2,911	2,534	2,700	2,746	3,310	3,584

NA Not available. ¹ Source: The National League of Professional Baseball Clubs, New York, NY, *National League Book*; and The American League of Professional Baseball Clubs, New York, NY, *American League Book*. ² Source: Major League Baseball Players Association, New York, NY. ³ Season ending in year shown. ⁴ Source: National Collegiate Athletic Assn., Mission, KS. For women's attendance total, excludes double-headers with men's teams. ⁵ Source: National Basketball Assn., New York, NY. ⁶ Includes All-Star game, not shown separately. ⁷ Source: National Football League, New York, NY. ⁸ Beginning 1986, includes preseason attendance, not shown separately. ⁹ Season was interrupted by a strike. ¹⁰ Includes Pro Bowl, a non-championship game and Super Bowl. ¹¹ Source: National Football League Players Association, Washington, DC. ¹² Source: National Hockey League, Montreal, Quebec. ¹³ Source: National Hockey League Players Association, Toronto, Canada. ¹⁴ Source: Association of Racing Commissioners International, Inc., Lexington, KY. ¹⁵ Includes thoroughbred, harness, quarter horse, and fairs. ¹⁶ Florida, Connecticut, and Rhode Island only; data not available for Nevada. ¹⁷ Source: National Association of Jai-alai Frontons, Inc., Daytona Beach, FL. ¹⁸ Source: Professional Rodeo Cowboys Association, Colorado Springs, CO, *Official Professional Rodeo Media Guide*, annual. (Copyright.)

Source: Compiled from sources listed in footnotes.

No. 404. Selected Recreational Activities: 1970 to 1989

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

ACTIVITY	Unit	1970	1975	1980	1984	1985	1986	1987	1988	1989
Softball, amateur: ¹										
Total participants ²	Million	16	26	30	35	41	41	41	41	41
Youth participants	1,000	255	450	650	700	712	717	720	722	840
Adult teams	1,000	29	66	110	146	152	172	178	182	184
Youth teams ³	1,000	2	9	18	29	31	35	38	40	43
Golfers (one round or more) ⁴	1,000	11,245	13,036	15,112	17,009	17,520	20,200	21,700	23,400	24,700
Golf rounds played	1,000	286,169	308,562	357,701	402,603	414,777	421,000	434,000	487,000	474,000
Golf facilities	Number	10,188	11,370	12,005	12,278	12,346	12,384	12,407	12,582	12,658
Classification:										
Private	Number	4,619	4,770	4,839	4,831	4,861	4,885	4,898	4,897	4,862
Daily fee	Number	4,248	5,014	5,372	5,566	5,573	5,587	5,583	5,748	5,833
Municipal	Number	1,321	1,586	1,794	1,881	1,912	1,912	1,926	1,937	1,963
Tennis: ⁵										
Players	1,000	10,655	⁶ 29,201	(NA)	⁸ 19,456	⁸ 18,951	⁸ 18,017	⁸ 16,911	⁸ 17,314	⁸ 18,844
Courts	1,000	(NA)	130	(NA)	220	220	220	220	220	220
Indoor	1,000	(NA)	8	(NA)	14	14	14	14	14	14
Tenpin bowling:										
Participants, total ⁹	Million	51.8	62.5	72.0	67.0	67.0	67.0	68.0	68.0	71.0
Male	Million	24.8	29.9	34.0	32.0	32.0	32.0	33.1	33.1	35.4
Female	Million	27.0	32.6	38.0	35.0	35.0	35.0	34.9	34.9	35.6
Establishments ¹⁰	Number	9,140	8,577	8,591	8,351	8,275	8,149	8,031	7,923	7,764
Lanes ¹⁰	1,000	141	141	154	155	155	153	151	150	148
Membership, total ^{10 11}	1,000	7,733	8,751	9,595	8,401	8,064	7,839	7,421	7,167	6,866
American Bowling Congress	1,000	4,210	4,300	4,688	3,791	3,657	3,625	3,424	3,313	3,165
Women's Bowling Congress	1,000	2,988	3,692	4,118	3,866	3,714	3,551	3,351	3,189	3,026
Young American Bowling Alliance ¹²	1,000	535	759	789	744	693	663	646	665	675
Motion picture theaters ^{13 14}	1,000	14	15	18	20	21	23	24	23	23
Four-wall	1,000	10	11	14	17	18	20	21	22	22
Drive-in	1,000	4	4	4	3	3	3	3	2	1
Receipts, box office	Mill. dol	1,225	2,115	2,749	4,031	3,749	3,778	4,253	4,458	5,033
Admission, average price	Dollars	1.55	2.05	2.69	3.36	3.55	3.71	3.91	4.11	4.45
Attendance	Million	921	1,033	1,022	1,199	1,056	1,017	1,089	1,085	1,133
Bicycles: ¹⁵										
Domestic shipments	Million	5.0	5.6	6.9	5.9	5.8	5.3	5.2	4.5	5.3
Imports	Million	1.9	1.7	2.0	4.2	5.6	7.0	7.4	5.4	5.4
Boating: ¹⁶										
Recreational boats owned	Million	8.8	9.7	11.8	13.5	13.8	14.3	14.5	15.1	15.6
Outboard boats	Million	5.2	5.7	6.8	7.3	7.4	7.6	7.5	7.7	7.9
Inboard boats	Million	0.8	0.8	1.2	1.4	1.4	1.5	1.7	1.8	1.9
Sailboats	Million	0.6	0.8	1.0	1.1	1.2	1.2	1.2	1.3	1.3
Canoes	Million	2.4	2.4	1.3	1.7	1.8	1.9	2.0	2.1	2.2
Rowboats and other	Million			1.5	1.8	1.8	1.9	2.1	2.2	2.3
Expenditures, total ¹⁷	Bil. dol.	3.4	4.8	7.4	12.3	13.3	14.5	16.5	17.9	17.1
Outboard motors in use	1,000	7,215	7,649	8,241	9,400	9,733	10,081	10,469	10,860	11,225
Motors sold	1,000	430	435	315	411	392	410	444	460	430
Value, retail	Mill. dol	281	411	554	1,294	1,319	1,464	1,726	1,828	1,764
Outboard boats sold	1,000	276	328	290	317	305	314	342	355	291
Value, retail	Mill. dol	177	263	408	708	759	835	1,001	1,225	1,134
Inboard/outdrive boats sold	1,000	43	70	56	108	115	120	144	148	133
Value, retail	Mill. dol	182	420	616	1,442	1,663	1,861	2,450	2,585	2,354
All terrain vehicles:										
Vehicles in use or owned ¹⁸	1,000	(NA)	(NA)	(NA)	1,600	2,000	2,300	2,475	2,517	2,393
Imports ¹⁹	1,000	(NA)	(NA)	(NA)	635	683	498	317	209	121

NA Not available. ¹ Source: Amateur Softball Association, Oklahoma City, OK. ² Amateur Softball Association teams and other amateur softball teams. ³ Amateur Softball Association teams only. ⁴ Source: National Golf Foundation, Jupiter, FL. ⁵ Source: U.S. Tennis Association, Princeton, NJ. ⁶ Survey by A. C. Nielsen Co. ⁷ 1976 data. ⁸ Based on National Sporting Goods Association Sports Participation Survey. ⁹ For season ending in year shown. Persons 5 years old and over. Source: National Bowling Council, Washington, DC. ¹⁰ Source: American Bowling Congress, Greendale, WI. Season ending in year shown. ¹¹ Membership totals are for U.S., Canada and for U.S. military personnel worldwide. ¹² Prior to 1984, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. ¹³ Source: Motion Picture Association of America, Inc., New York, NY. ¹⁴ Prior to 1975, figures represent theaters; thereafter, screens. ¹⁵ Source: Bicycle Manufacturers Association of America, Inc., Washington, DC. ¹⁶ Source: National Marine Manufacturers Association, Chicago, IL. ¹⁷ Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. ¹⁸ Source: Specialty Vehicle Institute of America, Irvine, CA. ¹⁹ Source: Motorcycle Industry Council, Inc., Irvine, CA.

Source: Compiled from sources listed in footnotes.

No. 405. Participation in Sports Activities, by Selected Characteristics: 1989

[In thousands, except rank. For persons 7 years of age or older. Except as indicated, a participant plays a sport more than once in the year. Based on a sampling of 10,000 households]

ACTIVITY	ALL PERSONS			SEX		AGE								HOUSEHOLD INCOME (dol.)				
	Num- ber	Rank		Male	Female	7-11 yrs.	12-17 yrs.	18-24 yrs.	25-34 yrs.	35-44 yrs.	45-54 yrs.	55-64 yrs.	65 yrs. and over	Under 15,000	15,000- 24,999	25,000- 34,999	35,000- 49,999	Over 50,000
Total	222,551	(X)		108,000	114,551	17,886	20,127	26,556	44,042	36,536	24,883	21,546	30,975	53,397	39,253	34,475	41,507	53,917
Number participated in:																		
Aerobic exercising ¹	25,108	9		4,173	20,935	1,047	2,181	4,950	8,228	4,644	2,089	955	1,014	4,150	3,912	3,798	5,343	7,903
Backpacking/wilderness camping.....	11,357	21		7,289	4,068	886	1,699	2,076	3,774	1,917	780	220	105	2,480	2,078	2,059	2,351	2,390
Baseball.....	15,406	17		12,132	3,273	5,014	4,365	2,131	2,084	1,256	395	159	100	3,056	2,267	2,459	3,009	4,614
Basketball.....	26,192	8		19,091	7,091	4,966	7,860	5,125	5,067	2,403	733	167	23	4,964	4,656	3,736	5,839	6,988
Bicycle riding.....	56,941	3		28,354	28,587	11,909	9,986	6,545	11,810	7,878	3,670	2,640	2,503	11,532	9,327	9,340	11,437	15,305
Bowling.....	40,810	6		21,252	19,556	4,244	5,147	7,550	10,617	5,972	3,139	1,933	2,108	7,760	6,614	6,964	8,519	10,732
Calisthenics ¹	15,141	18		6,816	8,325	1,866	2,368	2,613	3,906	2,070	934	669	714	2,637	2,324	2,367	3,113	4,700
Camping (vacation/overnight).....	46,514	4		24,577	21,936	6,174	5,725	4,830	12,756	8,151	4,293	2,779	1,805	9,319	7,597	8,567	10,108	10,922
Exercise walking.....	86,558	2		42,680	43,878	2,308	3,177	6,164	14,258	12,640	9,920	8,213	9,877	14,664	12,206	9,922	12,554	17,213
Exercising with equipment.....	31,476	7		16,477	14,998	489	2,948	6,946	8,552	5,708	3,155	2,091	1,687	4,392	5,120	4,788	6,975	10,200
Fishing—fresh water.....	41,005	5		27,902	13,104	4,908	4,477	4,919	10,454	6,972	4,136	2,751	2,388	9,310	7,394	7,823	7,869	8,609
Fishing—salt water.....	11,326	22		8,311	3,015	1,012	988	1,162	2,725	1,952	1,617	923	947	1,900	1,620	1,698	2,834	3,274
Footing.....	14,728	19		12,779	1,949	2,606	4,573	4,330	2,242	679	232	13	53	3,198	2,709	2,259	2,681	3,881
Golf.....	23,156	13		17,411	5,745	1,001	1,693	3,237	6,234	4,095	2,779	1,948	2,171	2,376	3,221	3,230	5,030	9,298
Hiking.....	23,516	12		12,605	10,910	2,366	2,467	2,774	6,400	4,420	2,571	1,492	1,026	4,968	3,982	3,585	4,845	6,136
Hunting with firearms.....	17,715	16		16,129	1,586	538	2,009	2,797	4,938	3,655	2,213	1,006	560	3,385	3,389	3,573	3,673	3,895
Racquetball.....	8,244	25		6,151	2,093	225	965	2,568	2,641	1,260	449	80	56	1,193	1,152	1,305	1,864	2,730
Running/jogging.....	24,803	11		14,485	10,318	2,731	4,325	5,199	6,156	3,551	1,690	628	524	4,845	4,395	4,466	4,609	7,488
Skating—alone/downhill.....	11,034	24		6,886	4,148	725	1,475	2,562	3,569	1,670	782	217	32	3,909	1,137	1,302	2,804	4,882
Skating—cross country.....	4,906	26		2,359	2,547	389	523	673	1,403	984	592	245	97	641	684	786	1,132	1,663
Soccer.....	11,168	23		7,450	3,718	4,708	3,518	1,214	1,106	452	123	28	18	2,204	1,156	1,561	2,213	4,015
Softball.....	22,092	14		13,437	8,655	3,531	4,121	4,437	6,424	2,548	767	170	93	3,862	4,060	3,411	4,975	5,784
Swimming.....	70,489	1		33,213	37,277	11,216	11,644	10,060	14,372	10,977	5,237	3,620	3,363	12,057	11,317	11,410	15,308	20,997
Target shooting.....	12,607	20		10,039	2,568	1,145	1,605	2,018	3,887	2,152	1,208	292	300	2,650	2,278	2,339	2,739	2,779
Tennis.....	18,844	15		10,420	8,424	1,299	3,319	4,039	5,315	2,551	1,401	643	277	2,650	2,716	2,272	4,032	2,739
Volleyball.....	25,071	10		12,972	12,098	2,185	5,614	5,353	7,160	3,162	1,125	381	91	5,022	4,253	4,314	5,178	6,304

X Not applicable. ¹ Participant engaged in activity at least six times in the year.Source: National Sporting Goods Association, Mt. Prospect, IL, *Sports Participation in 1989, Series I*. (Copyright.)

No. 406. Sporting Goods Sales, by Product Category: 1980 to 1990

[In millions of dollars, except percent. Based on a sample survey of consumer purchases of 80,000 households, except recreational transport, which was provided by industry associations. Excludes Alaska and Hawaii]

SELECTED PRODUCT CATEGORY	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990, proj.
Sales, all products	16,591	18,725	18,684	23,111	26,401	27,446	30,614	33,942	42,093	44,371	45,996
Annual percent change ¹	-1.4	12.2	5.8	23.7	14.2	4.0	11.5	10.9	24.0	5.4	3.7
Percent of retail sales	1.7	1.8	1.7	2.0	2.1	2.0	2.1	2.2	2.6	2.6	(NA)
Athletic and sport clothing ²	3,127	3,201	3,014	3,226	3,432	3,376	3,931	4,645	10,736	11,557	12,286
Athletic and sport footwear ³	1,731	1,785	1,900	2,189	2,381	2,610	3,199	3,524	3,772	5,246	5,583
Walking shoes	(NA)	(NA)	(NA)	(NA)	(NA)	263	368	512	752	1,237	1,422
Gym shoes, sneakers	465	616	659	639	669	656	642	693	783	1,125	1,193
Jogging and running shoes	397	372	421	557	591	572	476	475	460	515	526
Tennis shoes	359	284	287	340	371	470	448	367	353	508	543
Aerobic shoes	(NA)	(NA)	10	29	54	178	333	401	327	425	404
Basketball shoes	86	80	81	119	159	185	187	169	226	293	319
Golf shoes	68	78	99	115	110	109	120	130	128	129	138
Athletic and sport equipment ³	6,487	6,762	7,114	7,925	8,317	8,922	9,477	9,900	10,705	11,249	11,752
Firearms and hunting	1,351	1,454	1,567	1,666	1,620	1,699	1,675	1,804	1,894	2,033	2,093
Exercise equipment	(NA)	(NA)	723	960	1,055	1,216	1,206	1,191	1,452	1,728	1,836
Golf	386	413	493	633	630	730	828	946	1,111	1,168	1,261
Camping	646	663	735	790	699	724	833	858	945	990	1,029
Bicycles (10-12-15-18+ speed)	(NA)	(NA)	656	761	765	975	1,089	930	819	843	(NA)
Fishing tackle	539	689	586	606	616	681	773	830	766	738	760
Snow skiing	379	307	332	386	502	593	622	661	710	589	613
Tennis	237	254	277	293	315	273	260	238	264	315	337
Archery	149	169	168	179	212	212	214	224	235	244	254
Baseball and softball	158	157	154	173	153	176	180	173	174	193	198
Water skis	123	123	106	133	146	125	132	148	160	96	96
Bowling accessories	107	107	103	106	108	106	114	129	129	132	136
Recreational transport	5,345	6,977	6,656	9,771	12,271	12,539	14,007	15,873	16,880	16,319	16,375
Pleasure boats	2,718	3,656	3,684	4,612	6,209	6,753	7,372	8,906	9,637	9,269	9,270
Recreational vehicles	1,178	1,820	1,701	3,368	4,082	3,515	3,940	4,507	4,839	4,481	4,392
Bicycles and supplies	1,233	1,299	1,148	1,638	1,840	2,109	2,518	2,272	2,131	2,259	2,372
Snowmobiles	216	202	123	153	140	162	177	188	273	310	341

NA Not available. ¹ Change from prior year shown; for 1980, change from 1979. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Category expanded in 1988; not comparable with earlier years. ³ Includes other products not shown separately.

Source: National Sporting Goods Association, Mt. Prospect, IL, *The Sporting Goods Market in 1989*, and prior issues. (Copyright.)

No. 407. Consumer Purchases of Sporting Goods, by Consumer Characteristics: 1989

[In percent. Based on sample survey of consumer purchases of 80,000 households. Excludes Alaska and Hawaii]

CHARACTERISTIC	Total households	FOOTWEAR				EQUIPMENT					
		Aerobic shoes	Gym shoes/sneakers	Jogging/running shoes	Walking shoes	Bicycles	Camping equipment	Exercise equipment	Rifles	Shot-guns	Golf equipment
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Age of user:											
Under 14 years old	20.3	4.7	34.6	8.3	2.8	22.4	9.0	1.0	1.0	3.3	1.0
14 to 17 years old	5.4	5.4	13.8	10.5	1.9	6.3	5.0	3.0	2.5	7.1	3.0
18 to 24 years old	10.7	11.5	9.7	10.0	3.3	10.7	8.0	6.0	11.6	11.6	4.0
25 to 34 years old	17.7	30.9	16.9	28.5	12.9	21.8	29.0	24.0	34.5	22.3	30.0
35 to 44 years old	14.7	22.5	10.3	24.0	19.7	16.1	21.0	25.0	21.3	23.4	18.0
45 to 64 years old	18.7	17.6	10.7	15.2	35.7	7.2	12.0	30.0	20.3	20.1	31.0
65 years old and over	12.5	7.4	4.0	3.5	29.7	1.3	3.0	8.0	5.8	10.5	8.0
Multiple ages	-	-	-	-	-	14.2	12.0	3.0	3.0	1.7	6.0
Sex of user:											
Male	48.8	15.7	53.0	64.9	33.0	56.9	64.0	47.0	91.8	93.9	78.0
Female	51.2	84.3	47.0	35.1	67.0	30.8	21.0	46.0	7.1	5.1	15.0
Both sexes	-	-	-	-	-	12.3	15.0	6.0	1.1	1.0	7.0
Education of household head:											
Less than high school	12.7	6.8	7.6	4.7	10.7	5.0	6.0	13.0	11.2	5.0	13.0
High school	30.5	25.5	32.2	22.0	28.2	19.8	25.0	30.0	33.3	26.3	30.0
Some college	27.2	29.9	27.5	27.3	27.5	30.4	29.0	27.0	33.9	38.1	27.0
College graduate	29.6	37.8	32.7	46.0	33.6	44.8	40.0	30.0	21.6	30.6	30.0
Annual household income:											
Under \$15,000	24.9	14.1	13.6	9.8	20.4	12.3	11.0	8.0	11.0	12.3	25.0
\$15,000 to \$24,999	18.2	15.2	16.1	12.4	16.7	14.0	15.0	15.0	25.2	12.6	18.0
\$25,000 to \$34,999	16.1	16.4	17.3	16.3	15.8	16.8	16.0	12.0	19.3	18.6	16.0
\$35,000 to \$49,999	18.8	20.0	22.9	20.8	18.0	23.9	24.0	23.0	32.0	22.4	19.0
\$50,000 and over	22.0	34.3	30.1	40.7	29.1	33.0	34.0	42.0	12.5	34.1	22.0

- Represents or rounds to zero. ¹ 10-12-15-18+ speed.

Source: National Sporting Goods Association, Mt. Prospect, IL, *The Sporting Goods Market in 1989*, and prior issues. (Copyright.)

No. 408. Merchandise Lines—Establishments and Sales, by Kind of Business: 1987

[Includes only establishments with payroll. Based on the 1987 Census of Service Industries; see Appendix III]

1987 SIC code ¹	MERCHANDISE LINE AND KIND OF BUSINESS	Estab- lish- ments (1,000)	Sales (mil. dol.)	1987 SIC code ¹	MERCHANDISE LINE AND KIND OF BUSINESS	Estab- lish- ments (1,000)	Sales (mil. dol.)
(X)	Sewing, knitting and needlework goods ²	37.3	4,155	(X)	Toys, hobby goods, and games ²	105.9	12,917
531	Department stores	5.6	964	531	Department stores	8.8	3,638
531 pt.	Discount ³	5.3	888	531 pt.	Discount ³	5.6	3,036
533	Variety stores	7.5	273	5945	Hobby, toy, and game shops	9.6	5,246
5949	Sewing, needlework and piece goods stores	9.6	2,468	(X)	Sporting goods ²	72.8	21,190
(X)	TV, video recorders, and tapes ²	66.0	13,380	531	Department stores	7.7	3,573
531	Department stores	6.2	3,618	555	Discount ³	5.7	2,905
531 pt.	Discount ³	3.2	1,159	5941	Boat dealers	5.2	6,194
572	Household appliance stores	5.6	1,294		Sporting goods stores and bicycle shops	21.6	7,553
5731	Radio, TV, and electronic	16.2	5,329	(X)	Recreational vehicles	8.7	6,092
(X)	Audio equipment ²	85.9	16,944	556	Recreational vehicle dealers	3.0	4,996
531	Department stores	8.3	2,270	(X)	Lawn and garden equipment and supplies ²	118.6	16,847
531 pt.	Discount ³	5.6	1,461	521	Lumber/other bldg. materials dealers	9.2	1,735
573	Radio, TV, computer, and music stores	28.3	11,104	526	Retail nurseries, lawn/garden supply	10.7	4,294
5731	Radio, TV, and electronics	17.2	5,423	531	Department stores	7.2	2,850
5735	Record and prerecorded tape stores	6.2	3,530	531 pt.	Discount ³	5.7	1,766
(X)	Photo. equip. and supplies ²	63.7	5,381	5992	Florists	26.7	4,124
531	Department stores	7.3	1,647	(X)	Pets, pet foods, and supplies ²	81.9	5,009
531 pt.	Discount ³	5.2	1,181	541	Grocery stores	57.0	3,301
591	Drug stores	20.3	904	5999 pt.	Pet shops	5.5	1,322
5946	Camera and photographic supply stores	3.8	1,661				

(X) Not applicable. ¹ See footnote 1, table 409. ² Includes other kinds of businesses, not shown separately. ³ Or mass merchandising. ⁴ Includes musical instruments and supplies.

Source: U.S. Bureau of the Census, 1987 Census of Retail Trade, RC87-S-3.

No. 409. Amusement and Recreation Services—Summary: 1987

[Represents establishments with payroll of firms subject to Federal income tax]

1987 SIC ¹ code	KIND OF BUSINESS	Number of estab- lish- ments	Annual payroll (mil. dol.)	Paid employ- ees ²	RECEIPTS		
					Total (mil. dol.)	Per estab- lishment (\$1,000)	Per employee (dol.)
78,79,84	Amusement and recreation services	99,480	15,474	1,094,396	57,638	579	52,666
781.2	Motion picture production, distribution, and services	11,242	4,973	171,328	19,917	1,772	116,249
783	Motion picture theaters	7,776	584	94,086	3,977	511	42,271
7832	Motion picture theaters, except drive-in	6,777	551	89,613	3,809	562	42,507
7833	Drive-in motion picture theaters	999	34	4,473	168	168	37,529
784	Video tape rental	16,824	581	79,559	2,687	160	33,775
792	Theatrical producers (except motion picture) ³	7,847	1,607	55,226	4,904	625	88,803
7922	Theatrical producers and misc. services	3,253	745	31,534	2,543	782	80,656
7929	Bands, orchestras, actors	4,594	862	23,692	2,361	514	99,647
793	Bowling centers	6,671	702	99,780	2,540	381	25,452
79 ex.							
792,3,84	Commercial sports and other services	49,120	7,026	594,417	23,613	481	39,752
794	Commercial sports	3,184	2,047	75,523	5,023	1,578	66,512
7941	Professional sports clubs and promoters ⁵	807	1,354	26,566	1,904	2,360	71,685
7941 pt.	Baseball clubs	139	436	6,192	501	3,606	80,949
7941 pt.	Football clubs	31	488	3,330	307	9,889	92,064
7948	Racing, including track operation ⁵	2,377	693	48,957	3,119	1,312	63,705
7948 pt.	Auto racetrack operation	436	48	3,833	321	736	83,692
7948 pt.	Horse racetrack operation	136	386	24,792	1,781	13,097	71,847
7948 pt.	Dog racetrack operation	55	102	9,004	462	8,407	51,352
79 ex.							
792,3,4,84	Other amusement and recreation services	45,936	4,979	518,894	18,590	405	35,826
791	Dance studios, schools and halls	4,016	112	19,759	383	95	19,406
7991	Physical fitness facilities	9,376	745	104,917	2,571	274	24,502
7992	Public golf courses	2,736	299	24,239	1,113	407	45,903
7993	Coin-operated amusement devices	4,450	297	24,924	1,396	314	56,023
7996	Amusement parks	744	820	60,414	3,470	4,664	57,434
7997	Membership sports and recreational clubs	7,659	1,173	112,724	3,700	483	32,822
7999 pt.	Concession operators of amusement devices and rides	925	48	5,085	229	248	45,046
7999 pt.	Carnivals, circuses, and fairs	515	49	4,780	313	608	65,553
7999 pt.	Billiard and pool establishments	781	21	3,130	97	124	30,836
84	Museums, art galleries, and botanical ⁶	328	34	2,799	123	376	44,073
7999 pt.	Roller skating rinks	1,741	68	16,079	272	156	16,911
7999 pt.	Ice skating rinks	193	17	2,567	70	363	27,265
7999 pt.	Other amusement and recreation services	12,472	1,296	137,477	4,853	389	35,299

¹ 1987 Standard Industrial Classification Code; See text section 13. ² For pay period including March 12. ³ Includes orchestras and entertainers. ⁴ Includes other entertainers and entertainment groups. ⁵ Includes other industries, not shown separately. ⁶ Includes zoological gardens.

Source: U.S. Bureau of the Census, 1987 Census of Services Industries, SC87-A-52.

No. 410. Boy Scouts and Girl Scouts—Membership and Units: 1970 to 1989

[In thousands. Boy Scouts as of Dec. 31; Girl Scouts as of Sept. 30. Current age requirements for each category are in parentheses. Includes Puerto Rico and outlying areas]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
BOY SCOUTS OF AMERICA												
Membership	6,287	5,318	4,318	4,355	4,542	4,689	4,755	4,845	5,171	5,347	5,364	5,356
Boys	4,683	3,933	3,207	3,244	3,425	3,567	3,657	3,755	4,037	4,180	4,228	4,247
Tiger cubs (6 yr. old)	(X)	(X)	(X)	(X)	84	124	145	169	260	291	314	332
Cub Scouts (7-10 yr. old)	2,438	1,997	1,696	1,643	1,609	1,569	1,493	1,499	1,714	1,819	1,834	1,824
Boy Scouts (11-17 yr. old)	1,916	1,503	1,064	1,101	1,126	1,116	1,078	1,063	1,042	1,032	1,025	1,008
Explorers (14-20 yr. old)	329	434	447	499	606	758	941	1,024	1,021	1,037	1,055	1,083
Adults	1,604	1,385	1,110	1,111	1,117	1,122	1,098	1,090	1,134	1,168	1,136	1,109
Total units (packs, troops, posts)	157	150	129	130	132	134	135	134	132	131	131	130
GIRL SCOUTS OF THE U.S.A.												
Membership	3,922	3,234	2,784	2,829	2,819	2,888	2,871	2,802	2,917	2,947	3,052	3,166
Girls ²	3,248	2,723	2,250	2,276	2,247	2,281	2,247	2,172	2,248	2,274	2,345	2,415
Daisies (5-6 yr. old)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	61	114	137	162	175
Brownies (6-8 yr. old)	1,259	1,160	1,115	1,110	1,120	1,163	1,172	1,128	1,166	1,167	1,243	1,276
Juniors (8-11 yr. old)	1,509	1,188	894	916	874	847	801	735	725	705	739	759
Cadettes (11-17 yr. old)	395	301	172	170	169	176	170	151	143	132	144	149
Seniors (14-17 yr. old)	85	74	46	45	41	40	40	40	41	38	43	42
Adults	674	511	534	553	572	607	624	630	669	673	707	751
Total units (troops, groups)	164	159	154	157	160	165	166	166	174	180	189	196

X Not applicable. ¹ Both girls and boys are members. ² Beginning 1980, includes girls registered in other categories, not shown separately.

Source: Boy Scouts of America, National Council, Irving, TX, *Annual Report*; and Girl Scouts of the United States of America, New York, NY, *Annual Report*.

No. 411. Performing Arts—Selected Data: 1970 to 1989

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

ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
Legitimate theater: ¹											
Broadway shows:											
New productions	62	59	67	53	50	36	31	33	40	31	29
Playing weeks ^{2,3}	1,047	1,101	1,541	1,461	1,259	1,119	1,062	1,049	1,031	1,114	1,097
Number of tickets sold (1,000)	(NA)	(NA)	9,380	10,694	8,102	7,898	7,156	6,527	6,968	8,142	7,966
Gross box office receipts	53.3	57.4	143.4	221.2	263.1	226.5	208.0	190.6	207.2	253.4	262.0
Road shows:											
Playing weeks ³	1,024	799	1,351	1,317	990	1,057	993	983	901	893	869
Gross box office receipts	48.0	50.9	181.2	249.5	184.3	206.2	225.9	235.6	224.2	222.9	255.5
Opera companies ⁴	648	807	986	993	1,031	1,051	1,123	1,176	1,224	1,250	1,285
Major ⁵	35	54	109	133	144	154	168	170	174	187	209
Expenditures	36.5	(NA)	133.6	191.1	212.4	236.7	256.5	270.3	321.1	352.3	403.8
Other companies	266	335	458	416	488	491	576	602	658	654	658
Workshops ⁶	347	418	419	444	399	406	379	404	392	409	418
Opera performances	4,779	6,428	9,391	9,510	10,693	10,421	10,642	11,080	11,794	12,361	15,098
Operas performed	341	387	497	571	590	576	578	660	622	658	731
Musical performances ⁷	(NA)	(NA)	1,397	2,233	2,749	2,787	4,983	6,993	7,759	8,836	9,825
Musicals performed	(NA)	(NA)	104	122	120	129	242	301	278	296	279
World premieres	17	16	79	94	96	101	121	116	129	141	165
Attendance (mil.)	4.6	8.0	10.7	10.1	12.7	13.0	14.1	14.4	16.4	17.7	21.4
Symphony orchestras ⁸	1,441	1,463	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,666
College ⁹	298	300	385	385	386	380	371	371	365	350	422
Community ¹⁰	1,019	1,003	928	919	920	937	946	927	936	903	924
Urban	24	41	85	94	101	89	89	93	92	103	103
Metropolitan	72	90	115	110	98	96	96	107	102	123	121
Regional ⁽¹⁾	(1)	(1)	29	34	37	40	40	43	45	57	59
Major	28	29	32	30	30	30	30	31	32	36	37
Concerts	6,599	14,171	22,229	19,204	19,167	19,086	19,969	20,272	20,059	17,774	(NA)
Attendance (mil.)	12.7	18.3	22.6	22.0	22.0	23.2	23.7	25.4	25.1	23.6	(NA)
Gross income	73.3	124.5	246.3	325.5	348.9	379.0	435.4	480.5	523.6	561.8	(NA)
Earned income	43.1	70.9	141.2	187.6	201.8	220.2	250.7	282.4	305.9	332.9	(NA)
Contributed income	30.2	53.6	105.1	137.9	147.1	158.8	184.7	198.1	217.7	228.9	(NA)
Gross expenses	76.4	129.5	252.1	315.3	352.2	389.8	441.8	491.2	525.4	571.3	612.9

NA Not available. ¹ Source: *Variety*, New York, NY, various June issues (copyright). ² All shows (new productions and holdovers from previous seasons). ³ Eight performances constitute one playing week. ⁴ Source: Central Opera Service, New York, NY, *Central Opera Service Bulletin*, periodic. ⁵ Companies with budgets of over \$100,000 and issue American Guild of Musical Artists (AGMA) contracts to soloists. ⁶ Workshops are primarily college and university opera groups. ⁷ Covers not-for-profit companies only. ⁸ Source: American Symphony Orchestra League, Inc., Washington, DC. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: For 1987 and 1988, community, under \$135,000; urban, \$135,000-\$280,000; metropolitan, \$280,000-\$1,000,000; regional, \$1,000,000-\$3,600,000; and major, over \$3,600,000. Prior to 1987, other budget classifications were in effect. ⁹ Includes youth orchestras. ¹⁰ Beginning 1980, includes youth and chamber groups with budgets under \$70,000. ¹¹ Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 412. Financial Support of the Arts by Private Corporate Business—Summary: 1984 to 1988

[In millions of dollars]

TYPE OF ART CATEGORY	1984	1985	1988	TYPE OF ART CATEGORY	1984	1985	1988
Direct cash support	482.4	559.0	634.0	Historic and cultural preservation projects	9.7	11.3	(NA)
Museums	104.5	133.2	101.4	Libraries	4.8	8.8	44.4
Symphony orchestra	66.8	79.8	101.4	Commercial TV and radio, cultural programming	6.5	5.6	(NA)
Performing arts and cultural facilities	52.0	59.4	31.7	Public TV and radio, general support	16.5	4.5	25.4
Theaters	67.2	49.5	76.1	Crafts	2.3	1.8	(NA)
Art funds—general support	28.5	37.9	(NA)	Artist-in-residence programs	1.1	1.0	(NA)
Other music	25.3	30.2	44.4	Poetry and writing	1.4	1.0	(NA)
Dance	20.7	25.4	50.7	Video projects (non-commercial)	0.2	0.2	(NA)
Public TV and radio, program underwriting	17.9	23.6	25.4	Folk art	-	-	(NA)
Opera	24.8	22.7	50.7	Other (excluding commercial activities)	12.7	38.0	63.4
Films (non-commercial)	15.7	13.2	(NA)				
Arts-in-education programs	3.8	11.8	19.0				

- Represents or rounds to zero. NA Not available.

Source: Business Committee for the Arts, New York, NY, press release.

No. 413. Arts and Humanities—Selected Federal Aid Programs: 1970 to 1989

[In millions of dollars, except as indicated. For fiscal years ending in year shown, see text, section 9]

TYPE OF FUND AND PROGRAM	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
National Endowment for the Arts:										
Funds available ¹	15.7	86.9	188.1	147.5	169.9	171.7	167.1	170.9	171.1	166.7
Program appropriation	6.3	67.3	97.0	101.7	119.0	118.7	115.7	120.8	122.2	123.5
Matching funds ²	2.0	7.5	42.9	24.9	27.4	29.5	30.0	29.3	32.9	23.6
Grants awarded (number)	556	3,071	5,505	5,174	5,056	4,801	4,484	4,542	4,628	4,604
Funds obligated	12.9	81.7	166.4	127.0	147.4	149.4	146.6	151.4	156.3	148.3
Music	2.5	14.9	13.6	12.9	15.2	15.3	14.8	15.1	15.3	15.3
State programs	1.9	14.7	22.1	21.1	24.6	24.4	23.8	24.6	24.9	25.5
Museums	(NA)	10.8	11.2	10.0	12.5	11.9	11.5	11.5	12.6	12.7
Theater	2.8	6.4	8.4	9.5	10.7	10.6	10.2	10.8	10.7	10.7
Dance	1.7	6.1	8.0	9.1	9.1	9.0	9.0	9.1	9.2	9.5
Media arts	0.2	5.4	8.4	9.3	9.5	9.9	12.3	12.9	12.4	12.7
Challenge ³	(X)	(X)	50.8	14.0	18.8	20.7	20.7	20.8	24.8	15.4
Visual arts	1.0	3.2	7.3	5.8	6.6	6.2	5.7	6.2	6.0	6.1
Other	2.8	20.1	36.6	35.1	40.6	41.3	38.8	40.4	40.4	40.2
National Endowment for the Humanities:										
Funds available ¹	13.0	86.0	186.2	⁴ 123.5	127.3	125.6	121.1	128.4	125.2	137.1
Program appropriation	6.1	67.3	100.3	90.4	97.8	95.2	91.9	95.8	96.7	108.3
Matching funds ²	2.0	6.5	38.4	27.9	29.5	30.4	27.3	28.5	28.5	28.7
Grants awarded (number)	542	1,390	2,917	1,928	2,523	2,241	2,297	2,668	2,113	2,285
Funds obligated	10.5	73.1	185.5	123.3	127.6	125.7	121.1	128.4	125.2	137.1
Education programs	4.2	17.1	18.3	14.7	19.3	17.9	14.8	16.4	16.5	16.5
State programs	(X)	(X)	26.0	24.0	26.0	24.4	24.1	25.0	25.3	29.0
Research grants	2.0	13.4	32.0	23.1	24.1	24.4	21.0	21.7	21.9	22.1
Fellowship program	1.7	10.9	16.0	14.1	15.0	15.3	14.4	15.3	15.3	15.3
Challenge ³	(X)	(X)	53.5	21.8	18.3	19.6	16.2	16.5	16.5	16.7
General programs	(X)	(X)	(X)	24.9	24.3	24.1	24.7	25.4	24.9	25.1
Preservation	(X)	(X)	(X)	(X)	(X)	(X)	4.1	4.1	4.7	12.3
National Capital Arts and Cultural Affairs Program	(X)	(X)	(X)	(X)	(X)	(X)	1.9	4.0	(X)	(X)
Other	2.6	31.8	37.7	0.7	0.7	(X)	(X)	(X)	(X)	(X)

NA Not available. X Not applicable. ¹ Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter. ² Represents Federal funds appropriated only upon receipt or certification by Endowment of matching non-Federal gifts. ³ 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 at least 3 private dollars to each Federal dollar. Funds for challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. ⁴ Includes reappropriated funds from 1982. ⁵ Excludes National Capital Arts and Cultural Affairs Program. ⁶ Program designed to support projects which preserve and guarantee access to print and non-print media in danger of disintegration or deterioration.

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

No. 414. State Legislative Appropriations for State Arts Agencies: 1987 to 1990

[In thousands of dollars, except as indicated. For fiscal years ending in year shown. Fiscal years for most States ended June 30; see text, section 9]

STATE OR AREA	1987	1988	1989	1990		STATE OR AREA	1987	1988	1989	1990	
				Total	Per capita ¹ (dol.)					Total	Per capita ¹ (dol.)
Total	216,082	242,842	270,652	284,101	1.13	NE	583	608	868	1,025	0.64
AL	969	1,319	1,476	1,949	0.47	NV	179	270	269	353	0.34
AK	2,190	1,275	1,692	1,257	2.23	NH	337	451	474	505	0.45
AZ	1,140	1,323	1,545	2,570	0.70	NJ	13,453	20,101	22,760	19,922	2.55
AR	1,008	1,016	1,021	1,016	0.42	NM	699	706	710	906	0.57
CA	12,589	13,677	15,682	16,733	0.58	NY	48,591	53,564	53,529	59,225	3.33
CO	1,629	1,041	1,108	1,308	0.39	NC	3,972	4,505	4,956	5,059	0.77
CT	1,666	2,000	2,119	2,169	0.67	ND	238	222	214	263	0.40
DE	604	686	785	1,080	1.64	OH	9,089	9,591	9,980	12,075	1.12
DC	2,368	3,544	3,544	2,800	4.55	OK	1,535	1,679	2,670	3,232	0.98
FL	12,710	17,340	24,179	23,622	1.88	OR	518	1,293	1,431	1,358	0.49
GA	2,688	3,024	3,248	3,417	0.52	PA	7,780	9,780	12,753	12,810	1.08
HI	2,262	3,902	6,747	8,777	7.83	RI	600	1,070	1,440	1,372	1.38
ID	134	198	339	424	0.42	SC	2,772	2,801	3,159	3,467	0.99
IL	8,758	7,581	7,509	10,705	0.92	SD	287	330	338	348	0.49
IN	1,867	1,969	1,970	2,344	0.42	TN	1,383	1,523	3,506	3,962	0.80
IA	732	379	485	5,442	0.52	TX	2,984	3,383	2,680	2,776	0.16
KS	561	583	1,072	1,238	0.50	UT	1,626	1,518	1,603	2,868	1.64
KY	1,983	2,032	2,368	2,387	0.64	VT	265	350	457	504	0.91
LA	960	931	906	901	0.20	VA	2,980	3,017	3,771	5,285	0.87
ME	483	515	636	733	0.61	WA	1,706	1,704	2,063	2,230	0.48
MD	4,776	5,157	5,971	6,332	1.36	WV	2,130	1,811	6,133	6,675	0.90
MA	18,266	21,148	19,539	12,370	2.11	WI	1,149	1,276	1,725	2,254	0.47
MI	11,426	12,611	12,466	12,428	1.34	WY	172	203	206	231	0.46
MN	2,768	3,030	3,184	4,185	0.97	Am. Samoa	47	30	30	30	0.79
MS	412	421	496	487	0.19	Guam	323	339	561	618	4.76
MO	4,194	4,660	4,913	5,008	0.97	No. Marianas	40	60	101	115	5.73
MT	844	730	726	781	0.97	PR	10,535	8,111	11,013	10,929	3.32
						VI	104	104	85	231	2.18

- Represents zero. ¹ Based on estimated resident population as of July 1, 1988. ² Includes \$1,000,000 to be generated by the Arizona Arts Trust Fund. ³ Includes \$250,000 one-time appropriation. ⁴ Includes \$140,000 one-time lottery funds. ⁵ Includes \$220,000 lottery funds. ⁶ Excludes administrative expenses. ⁷ Includes \$250,000 one-time Governor's Award.

Source: National Assembly of State Arts Agencies, Washington, DC, unpublished data.

No. 415. Annual Travel Expenditures of Consumer Units, by Age of Householder: 1987

[Based on the Consumer Expenditure Interview Survey; see text, section 14]

ITEM	Unit	All consumer units	AGE OF REFERENCE PERSON						
			Under 25 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	65 to 74 years old	75 years old and over
Consumer units	1,000 . .	94,150	7,811	21,345	18,747	13,395	13,080	11,578	8,194
Income after taxes	Dollars . .	24,871	11,693	25,322	32,666	33,064	28,137	17,637	12,280
Size of consumer unit	Number . .	2.6	1.8	2.8	3.4	2.9	2.4	1.9	1.5
Age of reference person	Years . . .	47.0	21.6	29.6	39.1	49.2	59.6	69.1	80.2
Number in consumer unit:									
Earners	Number . .	1.4	1.2	1.5	1.8	2.0	1.4	0.6	0.2
Children under 18	Number . .	0.7	0.4	1.1	1.5	0.6	0.3	0.1	-
Persons 65 years old and over	Number . .	0.3	-	-	-	-	0.1	1.3	1.3
Vehicles	Number . .	2.0	1.2	1.9	2.4	2.7	2.3	1.6	0.9
Average annual expenditures	Dollars . .	23,242	13,996	22,974	29,948	30,246	24,408	18,062	11,416
Vacation and pleasure trips	Dollars . .	850	481	668	1,004	1,127	1,106	929	349
Amount spent for—									
Transportation	Dollars . .	334	215	275	387	409	425	366	163
Gas and oil for own vehicles	Dollars . .	90	68	87	101	118	106	82	31
Plane fares	Dollars . .	189	119	155	225	227	250	203	82
Other	Dollars . .	55	28	33	61	65	69	81	49
Food and beverages	Dollars . .	239	132	191	281	335	311	252	80
Lodging	Dollars . .	186	78	124	222	257	259	219	83
Other	Dollars . .	91	55	78	114	126	110	91	24
Distribution: Trips	Percent . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Transportation	Percent . .	39.3	44.7	41.2	38.5	36.3	38.4	39.4	46.7
Gas and oil for own vehicles	Percent . .	10.6	14.1	13.0	10.1	10.5	9.6	8.8	8.9
Plane fares	Percent . .	22.2	24.7	23.2	22.4	20.1	22.6	21.9	23.5
Other	Percent . .	6.5	5.8	4.9	6.1	5.8	6.2	8.7	14.0
Food and beverages	Percent . .	28.1	27.4	28.6	28.0	29.7	28.1	27.1	22.9
Lodging	Percent . .	21.9	16.2	18.6	22.1	22.8	23.4	23.6	23.8
Other	Percent . .	10.7	11.4	11.7	11.4	11.2	9.9	9.8	6.9

- Represents or rounds to zero. ¹ Entertainment, recreation, admission fees, souvenirs, passports, visas etc.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, June 1990.

No. 416. Travel by U.S. Residents, by Selected Trip Characteristics: 1985 to 1989

[In millions. See headnote, table 417]

CHARACTERISTIC	TRIPS					PERSON-TRIPS ¹				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
Total	558.4	592.3	636.3	656.1	664.3	1,077.6	1,121.5	1,191.1	1,232.5	1,260.1
Purpose:										
Visit friends and relatives	206.8	214.9	210.5	213.8	231.4	430.8	442.5	437.1	425.8	476.5
Other pleasure	177.6	200.3	234.4	241.5	225.9	376.0	418.9	464.6	502.1	469.3
Business or convention	133.3	140.0	157.5	155.6	169.7	185.2	189.0	206.2	211.7	232.0
Other	40.7	37.1	33.9	45.2	37.3	85.6	71.1	83.2	92.9	82.3
Mode of transport:										
Auto, truck, recreation vehicle	376.1	405.6	433.7	472.6	479.8	797.7	832.1	889.4	952.2	982.7
Airplane	140.5	143.4	160.7	154.6	154.6	217.3	231.0	239.9	238.6	234.3
Other	41.8	43.3	41.9	28.9	29.9	62.6	58.4	61.8	41.7	43.1
Vacation trip	339.8	354.3	366.2	396.2	416.7	728.7	752.4	775.2	830.9	878.3
Weekend trip	224.0	252.0	274.4	271.7	282.4	470.1	513.5	559.4	560.0	582.1

¹ A count of times each person (child or adult) goes on a trip.Source: US Travel Data Center, Washington, DC, *National Travel Survey*, annual. (Copyright.)**No. 417. Characteristics of Business Trips and Pleasure Trips: 1980 to 1989**

[Represents trips to places 100 miles or more from home by one or more household members traveling together. Based on a monthly telephone survey of 1,500 U.S. adults. For details, see source]

CHARACTERISTIC	Unit	BUSINESS TRIPS				PLEASURE TRIPS			
		1980	1985	1988	1989	1980	1985	1988	1989
Total trips	Millions	97.1	133.3	155.6	169.7	342.8	384.4	455.3	457.3
Average household members on trip	Number	1.5	1.4	1.3	1.4	2.2	2.1	2.1	2.0
Average nights per trip ¹	Nights	(NA)	3.6	3.1	3.2	(NA)	5.6	4.6	4.4
Average miles per trip ²	Miles	(NA)	1,180	1,100	1,090	(NA)	1,010	940	950
Traveled primarily by auto/truck/RTV ³	Percent	56	51	54	57	80	73	77	76
rental car	Percent	42	44	44	39	16	21	18	19
Used a rental car while on trip	Percent	25	20	17	16	7	6	6	7
Stayed in a hotel while on trip	Percent	66	62	67	65	34	39	39	38
Used a travel agent	Percent	21	28	20	20	10	13	11	12
Also a vacation trip	Percent	10	13	8	17	75	80	80	81
Male travelers	Percent	(NA)	67	71	72	(NA)	48	54	49
Female travelers	Percent	(NA)	33	29	28	(NA)	52	46	51
Household income:									
Less than \$40,000	Percent	(NA)	58	44	44	(NA)	73	69	65
\$40,000 or more	Percent	(NA)	42	56	56	(NA)	27	31	35

NA Not available. ¹ Includes no overnight stays. ² U.S. only. ³ Recreational vehicle.Source: US Travel Data Center, Washington, DC, *National Travel Survey*, annual. (Copyright.)**No. 418. Domestic Travel Expenditures, by State: 1987**

[Represents U.S. spending on domestic overnight trips and day trips of 100 miles or more away from home. Excludes spending by foreign visitors and by U.S. residents in U.S. territories and abroad]

STATE	Total (mil. dol.)	Share of total (per cent)	Rank	STATE	Total (mil. dol.)	Share of total (per cent)	Rank	STATE	Total (mil. dol.)	Share of total (per cent)	Rank
U.S. total	275,158	100.0	(X)	KS	2,168	0.8	31	ND	647	0.2	49
AL	2,042	0.8	34	KY	2,428	0.9	30	OH	7,535	2.7	10
AK	857	0.3	45	LA	3,845	1.4	24	OK	2,927	1.1	28
AZ	5,635	2.1	15	ME	2,154	0.8	32	OR	2,794	1.0	29
AR	1,909	0.7	38	MD	5,322	1.9	18	PA	11,673	4.3	6
CA	35,797	13.0	1	MA	6,721	2.5	13	RI	571	0.2	51
CO	5,455	2.0	17	MI	8,620	3.1	8	SC	4,294	1.6	23
CT	3,108	1.1	27	MN	5,551	2.0	16	SD	626	0.2	50
DE	725	0.3	48	MS	1,331	0.5	43	TN	4,585	1.7	20
DC	1,442	0.5	40	MO	5,291	1.9	19	TX	15,720	5.7	4
FL	24,340	8.9	2	MT	728	0.3	47	UT	2,148	0.8	33
GA	5,709	2.1	14	NE	1,359	0.5	42	VT	1,576	0.6	39
HI	3,301	1.2	25	NV	8,246	3.0	9	VA	6,852	2.5	11
ID	1,061	0.4	44	NH	2,002	0.7	35	WA	4,469	1.6	21
IL	10,609	3.9	7	NJ	13,289	4.8	5	WV	1,432	0.5	41
IN	3,289	1.2	26	NY	1,918	0.7	37	WI	4,386	1.6	22
IA	1,996	0.7	36	NC	17,193	6.3	3	WY	760	0.3	46

X Not applicable.

Source: US Travel Data Center, Washington, DC, *Impact of Travel on State Economies, 1987*. (Copyright.)

No. 419. Business Receipts and Employment of Selected Travel Industry Sectors: 1975 to 1989

YEAR	BUSINESS RECEIPTS (mil. dol.)						EMPLOYMENT (1,000)						
	Travel industry, total	Transportation ¹			Motel, hotel	Eating and drinking places	Amusement and recreation services	Travel industry, total	Transportation		Eating and drinking places	Hotels, motels, and tourist courts	Amusement and recreation services
		Air ²	Bus	Rail ³					Intercity highway passengers	Air			
1975	94,539	10,301	1,172	237	13,002	51,067	18,760	5,228.5	39.9	362.8	3,379.5	849.5	596.8
1980	171,785	23,405	1,709	372	26,832	90,058	29,409	6,918.3	37.9	453.4	4,625.8	1,037.7	763.5
1982	199,774	25,488	1,854	429	32,749	104,593	34,661	7,205.6	38.8	443.6	4,831.2	1,092.8	799.2
1983	215,523	27,519	1,965	461	35,897	112,495	37,186	7,481.3	35.5	455.2	5,041.8	1,131.1	817.7
1984	231,961	31,437	2,035	516	36,917	119,572	39,484	7,938.7	37.3	488.5	5,388.0	1,221.3	803.6
1985	243,082	33,343	1,989	544	41,837	122,949	42,420	8,396.4	34.9	522.0	5,709.2	1,289.9	840.4
1986	264,559	38,846	1,890	576	43,300	139,415	45,532	8,717.6	33.2	566.7	5,918.2	1,337.6	863.9
1987	291,806	37,555	1,826	604	48,200	153,461	50,160	9,058.7	30.1	603.3	6,105.8	1,427.0	892.5
1988	317,682	41,963	2,036	701	52,400	165,511	55,071	9,377.0	29.0	644.3	6,281.8	1,503.0	918.3
1989, prel.	340,627	45,320	2,100	801	57,100	173,527	61,779	9,615.9	29.7	691.8	6,369.9	1,548.9	975.6

¹ Passenger transport service. ² U.S. certificated carriers in domestic service. ³ Covers fiscal years October 1 through September 30.

Source: U.S. Travel Data Center, Washington, DC, *The 1989-90 Economic Review of Travel in America*. (Copyright.)

No. 420. International Travelers and Expenditures—Summary: 1970 to 1989

[For coverage, see tables 421 and 423. Beginning 1984, receipts, payments, and fares not comparable with previous years. See source for details. Minus sign (-) indicates deficit. See also *Historical Statistics, Colonial Times to 1970*, series H 921, 928, 941, and 945]

YEAR	TRAVEL AND PASSENGER FARE (mil. dol.)				U.S. net travel and passenger payments (mil. dol.)	U.S. travelers abroad (1,000)	Foreign visitors to the U.S. (1,000)
	Payments by U.S. travelers		Receipts from foreign visitors				
	Total ¹	Expenditures abroad	Total ¹	Travel receipts			
1970	5,195	3,980	2,708	2,331	-2,487	5,260	2,288
1975	8,680	6,417	5,464	4,697	-3,216	6,354	3,674
1980	14,004	10,397	12,650	10,588	-1,354	8,183	8,200
1982	17,166	12,394	15,085	12,393	-2,081	8,510	8,761
1983	19,152	13,149	14,044	10,947	-5,108	9,628	7,873
1984	29,183	23,305	21,064	17,050	-8,119	11,755	7,527
1985	31,805	25,155	21,986	17,663	-9,819	12,766	7,538
1986	33,412	26,746	25,730	20,273	-7,682	12,119	8,860
1987	37,433	30,022	30,232	23,366	-7,201	13,711	10,434
1988	41,030	33,098	37,706	28,935	-3,324	14,546	12,513
1989	43,499	34,977	44,533	34,432	1,034	14,900	13,999

¹ Includes passenger fares not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1990, and earlier issues.

No. 421. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1984 to 1989

[Travelers in thousands; expenditures in millions of dollars. Covers residents of the United States, its territories and possessions. See source for details. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940]

ITEM AND AREA	1984	1985	1986	1987	1988	1989, prel.
Total overseas travelers ¹	11,755	12,766	12,119	13,711	14,546	14,900
Europe	5,964	6,987	5,829	6,826	7,466	7,785
Latin America	4,817	4,938	5,107	5,568	5,823	5,780
Other	2,736	2,953	3,084	3,528	3,618	3,860
Expenditures abroad	23,305	25,155	26,746	30,022	33,098	34,977
Canada	2,228	2,503	3,030	2,935	3,228	3,390
Mexico	3,358	3,280	3,579	3,975	4,828	5,668
Total overseas	17,719	19,372	20,137	23,112	25,042	25,919
Europe	7,917	8,382	9,186	10,209	11,313	11,754
Latin America	3,771	3,884	4,195	4,663	4,988	5,180
Other	6,031	6,106	6,756	8,240	8,741	8,985
Fares to foreign carriers	5,878	6,650	6,666	7,411	7,932	8,522

¹ Excludes the following: Travel to Canada and Mexico; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. Sum of components may exceed total because total excludes travel to Canada and Mexico, while components include such travel.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1990, and earlier issues.

No. 422. Air Travel Between the United States and Foreign Countries: 1980 to 1989

[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 145,000 arrivals in 1987, except for Greece, which declined from earlier years. For related data, see *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989
Total passengers.	20,262	24,154	28,644	31,387	33,219	19,256	22,467	26,664	29,421	31,154
Flag of carrier:										
United States	10,031	11,797	14,313	16,492	17,175	9,369	10,696	12,853	14,981	15,687
Foreign	10,231	12,357	14,331	14,896	16,044	9,886	11,791	13,811	14,440	15,467
Country of embarkation or debarkation: ¹										
Antigua	63	186	153	156	165	57	86	134	146	145
Australia	227	277	378	431	433	245	232	349	421	466
Bahamas, The	1,123	1,503	1,828	1,737	1,596	1,006	1,151	1,265	1,318	1,288
Barbados	135	216	238	255	221	126	204	233	259	221
Belgium	242	281	227	224	305	231	249	180	186	294
Bermuda	497	434	516	476	451	467	389	367	302	283
Brazil	300	352	418	458	501	291	322	396	438	495
China: Taiwan	113	206	249	282	229	90	187	240	233	245
Colombia	315	279	264	215	284	299	294	279	296	291
Costa Rica	111	140	160	169	204	107	130	146	164	189
Denmark	267	241	302	328	356	254	254	295	306	313
Dominican Republic	468	606	817	906	934	443	528	710	818	838
Ecuador	130	120	148	156	168	131	92	141	140	138
France	689	955	1,181	1,366	1,570	635	894	1,095	1,309	1,494
Grand Cayman	121	173	222	229	226	112	161	189	200	199
Greece	208	187	125	146	128	190	210	128	140	124
Guatemala	165	107	161	203	255	149	116	192	249	264
Haiti	133	192	190	232	234	124	169	161	225	224
Hong Kong	228	270	319	334	347	152	238	270	298	315
Ireland	220	274	291	353	436	212	233	291	302	299
Israel	189	294	230	226	206	186	255	277	282	256
Italy	537	662	665	710	749	495	660	637	661	681
Jamaica	429	707	938	914	899	362	607	858	912	798
Japan	1,624	2,435	3,088	3,748	4,118	1,602	2,255	2,937	3,580	4,081
Mexico	2,886	2,719	3,534	3,621	3,816	2,886	2,674	3,456	3,482	3,657
Netherlands	427	583	621	663	753	409	562	607	647	714
Netherlands Antilles	327	407	524	610	593	282	395	432	511	494
New Zealand	151	145	225	227	263	145	171	284	287	278
Panama	150	180	165	152	111	142	209	168	141	131
Philippines	194	145	182	242	239	160	165	162	200	209
Portugal	119	129	146	162	172	110	122	134	146	166
South Korea	234	390	521	503	666	186	333	459	444	559
Spain	312	419	389	466	503	273	397	382	445	484
Switzerland	312	452	532	587	648	306	434	527	595	655
United Kingdom	2,973	3,460	3,884	4,289	4,638	2,840	3,322	3,696	4,171	4,528
Venezuela	533	248	329	410	415	518	245	320	391	395
West Germany	1,175	1,582	1,962	2,145	2,135	1,178	1,539	1,911	2,152	2,064
Other	1,935	2,198	2,512	3,046	3,242	1,835	2,003	2,335	2,738	2,849

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

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, MA, *U.S. International Travel Statistics*, annual.

No. 423. Foreign Travel to the U.S.—Travelers and Receipts: 1984 to 1989

[Travelers in thousands; receipts 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 source for details. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1984	1985	1986	1987	1988	1989
Travelers from overseas	7,527	7,538	8,860	10,434	12,513	13,999
Europe	2,981	2,904	3,722	4,663	5,772	6,251
Latin America	1,767	1,796	2,049	2,176	2,367	2,627
Other	2,779	2,838	3,089	3,595	4,374	5,121
Total receipts	17,050	17,663	20,273	23,366	28,935	34,432
Canada	2,612	2,571	2,689	3,294	3,986	4,856
Mexico	1,905	2,013	1,942	2,040	2,652	3,391
Total overseas	12,533	13,079	15,642	18,032	22,297	26,185
Europe	4,411	4,772	5,836	7,585	9,762	10,846
Latin America	3,122	3,122	3,611	3,501	3,726	4,288
Other	5,000	5,185	6,195	6,946	8,809	11,051
Fares to U.S. carriers	4,014	4,323	5,457	6,866	8,771	10,101

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1990, and earlier issues.

No. 424. Nonimmigrants Admitted, by Class of Admission: 1970 to 1989

(In thousands, except as noted. For fiscal years ending in year shown; see text, section 9. Nonimmigrants are non-resident aliens (non-U.S. citizens) admitted to the U.S. for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiancées of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO) and aliens in transit. Most classes include spouses and unmarried minor (or dependent) children accompanying or following to join the alien. Excluded are border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157.)

CLASS OF ADMISSION	1970	1975	1984	1985	1986	1987	1988	1989
Nonimmigrants	4,431.9	7,083.9	9,426.8	9,675.7	10,607.2	12,421.1	14,784.1	16,373.1
Temporary visitors, total	3,345.2	5,587.4	8,218.0	8,405.4	9,279.9	11,019.3	13,196.7	14,667.4
Percent of total	75.5	78.9	87.2	86.9	87.5	88.7	89.3	89.6
For pleasure	3,020.4	5,060.0	6,594.6	6,608.6	7,342.0	8,887.3	10,821.2	12,114.7
For business	324.8	527.4	1,623.4	1,796.8	1,937.9	2,132.0	2,375.6	2,552.7
Returning resident aliens	493.5	600.0	(X)	(X)	(X)	(X)	(X)	(X)
Transit aliens	231.9	273.0	238.4	236.5	243.9	264.1	299.1	293.4
Foreign government officials	50.5	68.4	89.4	90.2	93.7	91.7	98.9	101.6
Treaty traders and investors	19.2	35.0	90.5	96.5	103.7	114.1	125.6	139.9
Students	107.3	118.0	256.5	285.5	288.4	288.0	337.9	360.8
Representatives to international organizations	23.8	32.6	56.6	57.2	59.4	57.3	58.9	61.4
Temporary workers and industrial trainees	86.5	67.3	79.6	87.5	99.1	113.5	133.1	165.2
Workers of distinguished merit and ability	11.1	15.6	42.5	47.3	54.4	65.5	77.9	89.9
Other temporary workers	69.3	37.5	23.4	24.5	28.0	28.9	33.0	49.2
Industrial trainees	5.3	3.8	2.9	3.0	2.9	3.0	2.5	2.3
Their spouses and children	4.7	10.6	10.8	12.6	13.7	16.2	19.7	23.8
Representatives of foreign information media	66.6	63.4	120.9	141.2	163.0	183.0	202.9	217.5
Exchange visitors	2.3	4.0	7.8	8.3	7.0	7.3	8.5	8.8
NATO officials	0.1	6.4	7.1	7.8	8.1	6.8	6.6	6.5
Fiancées(ees) of U.S. citizens	0.4	22.3	103.6	106.9	108.0	106.8	101.7	100.7
Intracompany transferees	(X)	(X)	47.8	47.5	45.9	63.2	94.9	106.8
Parolees	(X)	(X)	68.5	68.0	51.2	66.8	80.4	101.1
Refugees	(X)	(X)	23.1	20.3	39.1	20.6	17.3	20.7
Other	(X)	(X)						

X Not applicable. ¹ For 1970 and 1975, returning resident aliens who had once been counted as immigrants were included with nonimmigrants. Since 1981, data no longer collected. ² Includes foreign government officials and their spouses and (unmarried minor or dependent) children, in transit. ³ Includes spouses and children. ⁴ Includes children of fiancées(ees) of U.S. citizens. ⁵ Aliens allowed to enter the U.S. for a temporary period of time on emergency conditions or when the entry is determined to be in the public interest (e.g., witness in court).

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 425. Foreign Visitors for Pleasure Admitted, by Country of Last Residence: 1985 to 1989

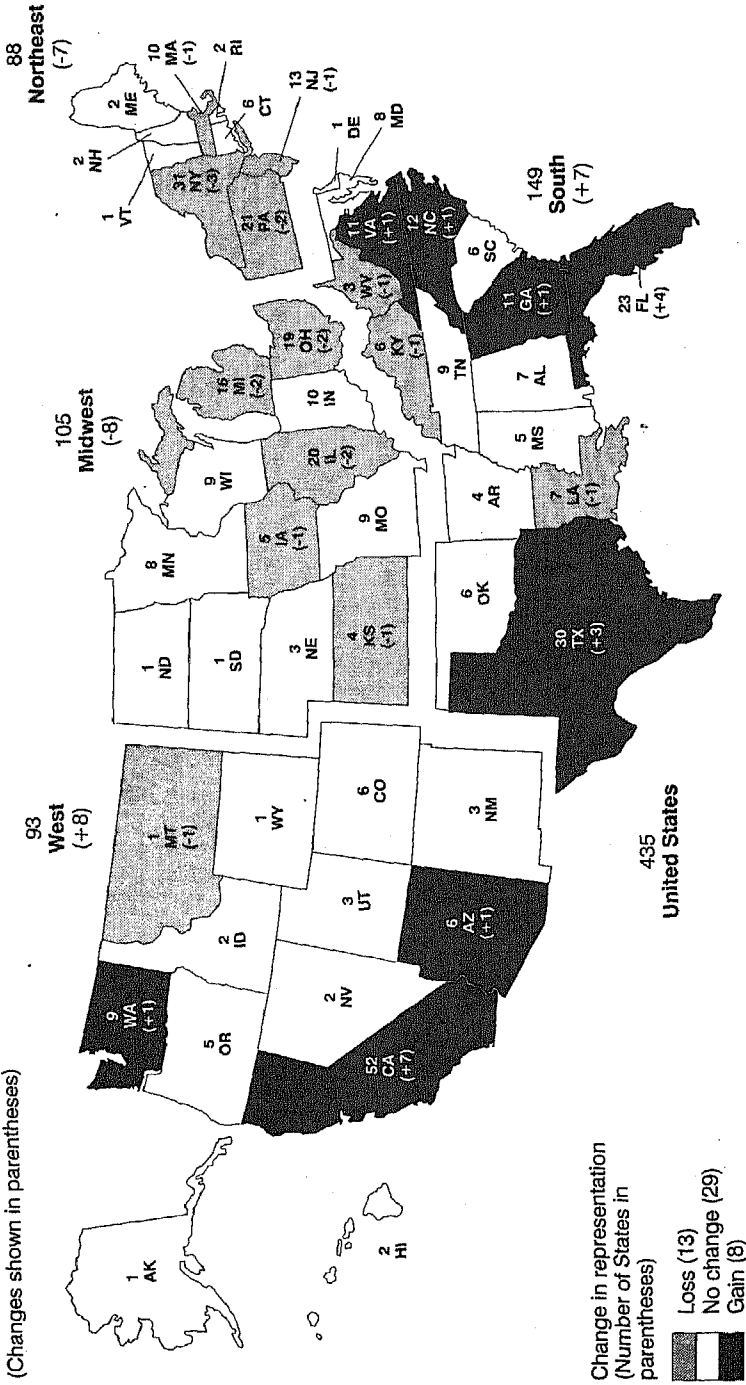
(In thousands. For years ending September 30. See headnote, table 424.)

COUNTRY	1985	1987	1988	1989	COUNTRY	1985	1987	1988	1989
Total	6,609	8,887	10,821	12,115	Africa	101	99	103	108
Europe	2,048	3,486	4,459	4,967	Egypt	16	15	16	16
Austria	34	68	85	82	Nigeria	25	16	15	14
Belgium	39	70	82	80	Oceania	282	330	430	497
Denmark	36	69	78	86	Australia	195	208	265	324
Finland	24	36	50	67	New Zealand	74	106	138	144
France	226	405	473	497	North America	1,664	1,776	2,013	2,293
Greece	34	40	42	43	Canada	79	73	84	101
Ireland	55	81	94	91	Mexico	773	737	820	999
Italy	155	239	271	276	Caribbean	584	711	824	899
Netherlands	82	139	176	190	Bahamas, the	211	274	310	316
Norway	41	62	76	81	Barbados	17	23	28	32
Poland	40	44	43	52	Cayman Islands	18	22	27	28
Soviet Union	2	5	19	38	Dominican Republic	57	70	90	114
Spain	64	96	130	160	Haiti	56	56	63	63
Sweden	71	123	168	207	Jamaica	74	99	121	134
Switzerland	110	181	227	221	Netherlands Antilles	27	27	24	26
United Kingdom	598	1,003	1,397	1,790	Trinidad and Tobago	71	69	77	82
West Germany	373	737	942	897	Central America	228	254	285	294
Asia	1,866	2,414	2,985	3,317	Costa Rica	41	45	46	50
China (Mainland China and Taiwan)	83	87	105	136	El Salvador	38	38	40	46
Hong Kong	64	73	84	97	Guatemala	53	62	78	86
India	52	66	73	73	Panama	38	44	46	41
Israel	80	104	119	121	South America	606	745	796	896
Japan	1,277	1,779	2,247	2,483	Argentina	66	133	98	106
Korea	26	27	35	75	Brazil	148	192	233	272
Philippines	59	63	73	69	Chile	28	31	43	57
Saudi Arabia	31	28	31	33	Colombia	123	115	119	122
Singapore	23	24	30	30	Ecuador	42	53	46	52
					Peru	44	60	63	74
					Venezuela	122	111	137	162

¹ Includes countries unknown or not reported. ² Includes countries not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

Figure 8.1
Congressional Representation in 1990 and Changes Since 1980 for States
(Changes shown in parentheses)





Section 8 Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation; State legislatures; Black, Hispanic, and female officeholders; population of voting age; voter participation; and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. Federal and State elections data appear also in *America Votes*, a biennial volume of the Elections Research Center, Washington, DC. Federal elections data also appear in the U.S. Congress, *Congressional Directory*, and in official State documents. Data on reported registration and voting for social and economic groups are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports*, series P-20 (see text, section 1).

Almost all Federal, State, and local governmental units in the United States conduct elections for political offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. The 23d Amendment, adopted in 1961, grants the District of Columbia three presidential electors, a number equal to that of the least populous State. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to two elective terms of 4 years each, or to one elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least one Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding one Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, two from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. These voting-age estimates include a number of persons who meet the age

requirement but are not eligible to vote, (e.g. aliens and some institutionalized persons). In addition, since 1964, voter participation and voter characteristics data have been collected during November of election years as part of the CPS. These survey data include noncitizens in the voting age population estimates, but exclude members of the Armed Forces and the institutional population.

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 IV.

No. 426. Vote Cast for President, by Major Political Party: 1920 to 1988

(Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes DC. Vote cast for major party candidates include the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970*, series Y 79-83 and Y 135)

YEAR	CANDIDATES FOR PRESIDENT		VOTE CAST FOR PRESIDENT						
	Democratic	Republican	Total popular vote (1,000)	Democratic			Republican		
				Popular vote		Elec- toral vote	Popular vote		Elec- toral vote
				Number (1,000)	Per- cent		Number (1,000)	Per- cent	
1920	Cox	Harding	26,768	9,133	34.1	127	16,153	60.3	404
1924	Davis	Coolidge	29,095	8,387	28.8	136	15,720	54.0	382
1928	Smith	Hoover	36,606	15,006	40.8	87	21,437	58.2	444
1932	F. D. Roosevelt	Hoover	39,758	22,829	57.4	472	15,760	39.6	59
1936	F. D. Roosevelt	Landon	45,654	27,757	60.8	523	16,684	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,590	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	489
1984	Mondale	Reagan	92,853	37,577	40.6	13	54,455	58.8	525
1988	Dukakis	Bush	91,595	41,809	45.6	111	48,886	53.4	426

¹ Include votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: Elections Research Center, Washington, DC, *America at the Polls*, 1965, and *America Votes*, biennial, (copyright).

No. 427. Vote Cast for Leading Minority Party Candidates for President: 1920 to 1988

[See headnote, table 426]

YEAR	Candidate	Party	Popular vote (1,000)	Candidate	Party	Popular vote (1,000)
1920	Eugene Debs	Socialist	915	P.P. Christensen	Farmer-Labor	265
1924	Robert LaFollette	Progressive	4,833	Herman P. Faris	Prohibition	56
1928	Norman Thomas	Socialist	266	Verne L. Reynolds	Socialist Labor	22
1932	Norman Thomas	Socialist	885	William Z. Foster	Communist	103
1936	William Lemke	Union	892	Norman Thomas	Socialist	188
1940	Norman Thomas	Socialist	116	Roger Babson	Prohibition	59
1944	Norman Thomas	Socialist	79	Claude Watson	Prohibition	75
1948	Strom Thurmond	States' Rights	1,176	Henry Wallace	Progressive	1,157
1952	Vincent Hallinan	Progressive	140	Stuart Hamblen	Prohibition	73
1956	T. Coleman Andrews	States' Rights	111	Eric Hass	Socialist Labor	44
1960	Eric Hass	Socialist Labor	48	Rutherford Decker	Prohibition	46
1964	Eric Hass	Socialist Labor	45	Clifton DeBryer	Socialist Workers	33
1968	George Wallace	American Independent	9,906	Henning Blomen	Socialist Labor	53
1972	John Schmitz	American	1,099	Benjamin Spock	People's	79
1976	Eugene McCarthy	Independent	757	Roger McBride	Libertarian	173
1980	John Anderson	Independent	5,720	Ed Clark	Libertarian	921
1984	David Bergland	Libertarian	228	Lyndon H. LaRouche	Independent	79
1988	Ron Paul	Libertarian	432	Lenora B. Fulani	New Alliance	217

Source: Elections Research Center, Washington, DC, *America at the Polls*, 1965, and *America Votes*, biennial, (copyright).

No. 428. Electoral Vote Cast for President, by Major Political Party—States: 1948 to 1988

[D=Democratic, R=Republican. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970, series Y 84-134*]

REGION, DIVISION, AND STATE	1948 ¹	1952	1956 ²	1960 ³	1964	1968 ⁴	1972 ⁵	1976 ⁶	1980	1984	1988 ⁷
Democratic	303	89	73	303	486	191	17	297	49	13	111
Republican	189	442	457	219	52	301	520	240	489	525	426
Northeast: Democratic	20	-	-	121	126	102	14	86	4	-	53
Republican	118	133	133	12	-	24	108	36	118	113	60
Midwest: Democratic	101	-	13	71	149	31	-	58	10	10	29
Republican	54	153	140	82	-	118	145	87	135	127	108
South: Democratic	117	89	60	101	121	45	3	149	31	3	8
Republican	11	77	105	50	47	77	165	20	138	174	168
West: Democratic	65	-	-	10	90	13	-	4	4	-	21
Republican	6	79	79	75	5	82	102	97	98	111	90
New England: ME	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4	R-4	R-4
NH	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4
VT	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3	R-3
MA	D-16	R-16	R-16	D-16	D-14	D-14	D-14	R-14	R-14	R-13	D-13
RI	D-4	R-4	R-4	D-4	D-4	R-4	R-4	D-4	R-4	R-4	D-4
CT	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8	R-8	R-8
Middle Atlantic: NY	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41	R-36	D-36
NJ	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17	R-16	R-16
PA	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27	R-25	R-25
East North Central: OH	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25	R-23	R-23
IN	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13	R-12	R-12
IL	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26	R-24	R-24
MI	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21	R-20	R-20
WI	D-12	R-12	R-12	D-12	D-12	R-12	R-11	D-11	R-11	R-11	D-11
West North Central: MN	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10	D-10	D-10
IA	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8	R-8	D-8
MO	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12	R-11	R-11
ND	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3	R-3	R-3
SD	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-3	R-3
NE	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5	R-5	R-5
KS	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7	R-7	R-7
South Atlantic: DE	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3	R-3	R-3
MD	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10	R-10	R-10
DC	(X)	(X)	(X)	(X)	D-3	D-3	D-3	D-3	D-3	D-3	D-3
VA	D-11	R-12	R-12	R-12	D-12	R-12	⁵ R-11	R-12	R-12	R-12	R-12
WV	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6	R-6	⁷ D-5
NC	D-14	D-14	D-14	D-14	D-13	⁴ R-12	R-13	D-13	R-13	R-13	R-13
SC	(¹)	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8	R-8	R-8
GA	D-12	D-12	D-12	D-12	R-12	(¹)	R-12	D-12	D-12	R-12	R-12
FL	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17	R-21	R-21
East South Central: KY	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9	R-9	R-9
TN	¹ D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10	R-11	R-11
AL	(¹)	D-11	² D-10	³ D-5	R-10	(¹)	R-9	D-9	R-9	R-9	R-9
MS	(¹)	D-8	D-8	(³)	R-7	(¹)	R-7	D-7	R-7	R-7	R-7
West South Central: AR	D-9	D-8	D-8	D-8	D-6	(¹)	R-6	D-6	R-6	R-6	R-6
LA	(¹)	D-10	R-10	D-10	R-10	(¹)	R-10	D-10	R-10	R-10	R-10
OK	D-10	R-8	R-8	³ R-7	D-8	R-8	R-8	R-8	R-8	R-8	R-8
TX	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26	R-29	R-29
Mountain: MT	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4
ID	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4	R-4
WY	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3	R-3	R-3
CO	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7	R-8	R-8
NM	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4	R-5	R-5
AZ	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6	R-7	R-7
UT	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-5	R-5
NV	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3	R-4	R-4
Pacific: WA	D-8	R-9	R-9	R-9	D-9	D-9	⁶ R-8	R-8	R-9	R-10	D-10
OR	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6	R-7	D-7
CA	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45	R-47	R-47
AK	(X)	(X)	(X)	R-3	D-3	R-3	R-3	R-3	R-3	R-3	R-3
HI	(X)	(X)	(X)	D-3	D-4	D-4	R-4	D-4	D-4	R-4	D-4

- Represents zero. X Not applicable. ¹ Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: AL 11; LA 10; MS 9; SC 8; and TN 1. ² Excludes 1 electoral vote cast for Walter B. Jones in Alabama. ³ Excludes 15 electoral votes cast for Harry F. Byrd as follows: AL 6; MS 8; and OK 1. ⁴ Excludes 46 electoral votes cast for George C. Wallace as follows: AL 10; AR 6; GA 12; LA 10; MS 7; NC 1. ⁵ Excludes 1 electoral vote cast for John Hospers in Virginia. ⁶ Excludes 1 electoral vote cast for Ronald Reagan in Washington. ⁷ Excludes 1 electoral vote cast for Lloyd Bentsen for President in West Virginia.

Source: 1948-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*, quadrennial; 1976-1988, Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 429. Popular Vote Cast for President, by Political Party—States: 1980 to 1988

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

REGION, DIVISION, AND STATE	1980				1984				1988			
	Total ¹	Democrat Party	Republican Party	Percent for leading party	Total ¹	Democrat Party	Republican Party	Percent for leading party	Total ¹	Democrat Party	Republican Party	Percent for leading party
United States . . .	86,515	35,484	43,904	R-50.7	92,653	37,577	54,455	R-58.8	91,595	41,809	48,886	R-53.4
Northeast	19,206	8,019	9,147	R-47.6	20,483	9,046	11,336	R-55.3	19,852	9,689	9,961	R-50.2
N.E.	5,467	2,206	2,446	R-44.7	5,614	2,437	3,153	R-56.2	5,730	2,826	2,836	R-49.5
ME	523	221	239	R-45.6	553	215	337	R-60.8	555	244	307	R-55.3
NH	384	109	222	R-57.7	389	120	267	R-68.6	451	164	282	R-62.4
VT	213	82	95	R-44.4	235	96	136	R-57.9	243	116	124	R-51.1
MA	2,524	1,054	1,058	R-41.9	2,559	1,240	1,311	R-51.2	2,633	1,401	1,195	D-53.2
RI	416	198	155	D-47.7	410	197	212	R-51.7	405	225	178	D-55.6
CT	1,406	542	677	R-48.2	1,467	570	891	R-60.7	1,443	677	750	R-52.0
M.A.	13,739	5,813	6,703	R-48.8	14,870	6,609	8,183	R-55.0	14,121	6,863	7,125	R-50.5
NY	6,202	2,728	2,894	R-46.7	6,807	3,120	3,665	R-53.8	6,486	3,348	3,082	D-51.6
NJ	2,976	1,147	1,547	R-52.0	3,218	1,261	1,934	R-60.1	3,100	1,320	1,743	R-56.2
PA	4,562	1,938	2,262	R-49.6	4,845	2,228	2,584	R-53.3	4,536	2,195	2,300	R-60.7
Midwest	25,178	10,291	12,827	R-50.9	25,441	10,511	14,761	R-58.0	24,663	11,556	12,915	R-52.4
E.N.C.	17,458	7,221	8,825	R-50.5	17,613	7,279	10,213	R-58.0	16,982	7,819	9,038	R-53.2
OH	4,284	1,752	2,207	R-51.5	4,548	1,825	2,679	R-58.9	4,394	1,940	2,417	R-55.0
IN	2,242	844	1,256	R-56.0	2,233	841	1,377	R-61.7	2,169	861	1,298	R-59.8
IL	4,750	1,981	2,358	R-49.6	4,819	2,086	2,707	R-56.2	4,559	2,216	2,311	R-50.7
MI	3,910	1,662	1,915	R-49.0	3,802	1,530	2,252	R-59.2	3,669	1,676	1,965	R-53.6
WI	2,273	982	1,089	R-47.9	2,212	996	1,199	R-54.2	2,192	1,127	1,047	D-51.4
W.N.C.	7,719	3,070	4,002	R-51.8	7,828	3,232	4,548	R-58.1	7,681	3,737	3,677	R-50.5
MN	2,052	954	873	D-46.5	2,084	1,036	1,033	D-49.7	2,097	1,109	962	D-52.9
IA	1,318	509	676	R-51.3	1,320	606	703	R-53.3	1,226	671	545	D-54.7
MO	2,100	931	1,074	R-51.2	2,123	849	1,274	R-60.0	2,094	1,002	1,085	R-51.8
ND	302	79	194	R-64.2	309	104	200	R-64.8	297	128	167	R-56.0
SD	328	104	198	R-60.5	318	116	200	R-63.0	313	146	165	R-52.8
NE	641	167	420	R-65.5	652	188	460	R-70.6	661	259	398	R-60.2
KS	980	326	567	R-57.9	1,022	333	677	R-66.3	993	423	554	R-55.8
South	25,813	11,554	13,118	R-50.8	28,833	10,998	17,699	R-61.4	28,558	12,004	16,327	R-57.2
S.A.	12,589	5,698	6,198	R-49.2	14,124	5,519	8,565	R-60.6	14,234	5,927	8,207	R-57.7
DE	236	106	111	R-47.2	255	102	152	R-59.8	250	109	140	R-55.9
MD	1,540	726	681	D-47.1	1,676	788	880	R-52.5	1,714	826	876	R-51.1
DC	175	131	24	D-74.8	211	180	29	D-85.4	193	159	28	D-82.6
VA	1,866	752	990	R-53.0	2,147	796	1,337	R-62.3	2,192	860	1,309	R-59.7
WV	738	367	334	D-49.8	736	328	405	R-55.1	653	341	310	D-52.2
NC	1,856	876	915	R-49.3	2,175	824	1,346	R-61.9	2,134	890	1,237	R-58.0
SC	894	430	442	R-49.4	969	344	616	R-63.6	986	371	606	R-61.5
GA	1,597	891	654	D-55.8	1,776	707	1,069	R-60.2	1,810	715	1,081	R-59.8
FL	3,687	1,419	2,047	R-55.5	4,180	1,449	2,730	R-65.3	4,302	1,657	2,619	R-60.9
E.S.C.	5,147	2,465	2,518	R-48.9	5,464	2,155	3,267	R-59.8	5,269	2,174	3,055	R-58.0
KY	1,295	616	635	R-49.1	1,369	540	822	R-60.0	1,323	580	734	R-55.5
TN	1,618	783	788	R-48.7	1,712	712	990	R-57.8	1,636	680	947	R-57.9
AL	1,342	637	654	R-48.8	1,442	552	873	R-60.5	1,378	550	816	R-59.2
MS	893	429	441	R-49.4	941	352	582	R-61.9	932	364	558	R-59.9
W.S.C.	8,078	3,389	4,403	R-54.5	9,244	3,325	5,867	R-63.5	9,054	3,903	5,065	R-55.9
AR	838	398	403	R-48.1	884	339	535	R-60.5	828	349	467	R-56.4
LA	1,549	708	793	R-51.2	1,707	652	1,037	R-60.8	1,628	717	884	R-54.3
OK	1,150	402	696	R-60.5	1,256	385	862	R-68.6	1,171	483	678	R-57.9
TX	4,542	1,881	2,511	R-55.3	5,398	1,949	3,433	R-63.6	5,427	2,353	3,037	R-56.0
West	16,318	5,620	8,813	R-54.0	17,895	7,022	10,659	R-59.6	18,522	8,560	9,683	R-52.3
MT	4,346	1,251	2,637	R-60.7	4,736	1,546	3,131	R-66.1	5,014	2,043	2,887	R-57.6
MT	364	118	207	R-56.8	384	147	232	R-60.5	366	169	190	R-52.1
ID	437	110	291	R-66.5	411	109	298	R-72.4	409	147	254	R-62.1
WY	177	49	111	R-62.6	189	53	133	R-70.5	177	67	107	R-60.5
CO	1,184	368	652	R-55.1	1,295	455	822	R-63.4	1,372	621	728	R-53.1
NM	457	168	251	R-54.9	514	202	307	R-59.7	521	244	270	R-51.8
AZ	874	247	530	R-60.6	1,026	334	681	R-66.4	1,172	454	703	R-60.0
UT	604	124	440	R-72.8	630	155	469	R-74.5	647	207	428	R-66.2
NV	248	67	155	R-62.5	287	92	189	R-65.8	350	133	206	R-58.9
Pac	11,973	4,369	6,177	R-51.6	13,159	5,476	7,528	R-57.2	13,509	6,517	6,797	R-50.3
WA	1,742	650	865	R-49.7	1,884	807	1,052	R-55.8	1,865	934	904	D-50.0
OR	1,182	457	571	R-48.3	1,227	536	686	R-55.9	1,202	616	580	D-51.3
CA	8,587	3,084	4,525	R-52.7	9,505	3,923	5,467	R-57.5	9,887	4,702	5,055	R-51.1
AK	158	42	86	R-54.3	208	62	138	R-66.7	200	73	119	R-59.6
HI	303	136	130	D-44.8	336	147	185	R-55.1	354	192	159	D-54.3

¹Includes other parties.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 430. Votes Cast in Presidential Preference Primaries, by Party and Leading Candidates: 1988

[In thousands. Covers only those States with Democratic or Republican presidential primaries]

STATE	Primary date	DEMOCRATIC							REPUBLICAN				
		Total ¹	Duka-kis	Gep-hardt	Gore	Hart	Jack-son	Simon	Total ¹	Bush	Dole	Kemp	Rob-ertson
New Hampshire	Feb. 16	124	44	25	8	5	10	21	158	58	45	20	15
South Dakota	Feb. 23	72	22	31	6	4	4	4	93	17	52	4	18
Vermont	Mar. 1	51	28	4	-	2	13	3	48	24	19	2	2
South Carolina	Mar. 5	(²)	(²)	(²)	(²)	(²)	(²)	(²)	195	95	40	22	37
Alabama	Mar. 8	406	31	30	152	8	177	3	214	138	35	11	30
Arkansas	Mar. 8	498	94	60	186	19	85	9	68	32	18	3	13
Florida	Mar. 8	1,273	521	183	161	36	255	28	901	560	191	42	96
Georgia	Mar. 8	623	97	41	201	16	248	8	401	216	95	23	65
Kentucky	Mar. 8	319	59	29	146	12	50	9	121	72	28	4	14
Louisiana	Mar. 8	624	96	66	175	26	222	5	145	84	26	8	26
Maryland	Mar. 8	531	242	42	46	10	153	17	201	107	65	12	13
Massachusetts	Mar. 8	713	418	73	32	11	133	26	241	141	63	17	11
Mississippi	Mar. 8	359	30	20	120	14	161	2	159	105	27	5	21
Missouri	Mar. 8	528	61	305	15	8	106	21	400	169	164	14	45
North Carolina	Mar. 8	680	138	38	236	16	224	8	274	124	107	11	27
Oklahoma	Mar. 8	393	66	83	163	14	52	7	209	78	73	11	44
Rhode Island	Mar. 8	49	34	2	2	1	7	1	16	10	4	1	1
Tennessee	Mar. 8	576	19	8	417	5	119	3	254	153	55	11	32
Texas	Mar. 8	1,767	580	240	358	82	433	34	1,015	648	141	51	155
Virginia	Mar. 8	365	80	16	81	6	165	7	234	125	61	11	32
Illinois	Mar. 15	1,501	245	35	77	13	484	635	859	469	309	13	59
Connecticut	Mar. 29	241	140	1	19	6	68	3	104	74	21	3	3
Wisconsin	Apr. 5	1,015	483	8	177	7	286	48	359	295	28	5	25
New York	Apr. 19	1,575	801	3	158	-	585	17	(²)	(²)	(²)	(²)	(²)
Pennsylvania	Apr. 26	1,508	1,002	7	45	20	411	10	871	687	104	-	79
Indiana	May 3	646	449	17	22	-	145	13	438	352	43	14	29
Ohio	May 3	1,384	870	-	30	28	379	16	795	644	95	-	56
District of Columbia	May 3	86	15	(Z)	1	-	69	1	7	6	(Z)	-	(Z)
Nebraska	May 10	169	106	5	3	4	43	2	204	139	46	8	10
West Virginia	May 10	340	254	6	12	9	46	2	143	111	16	4	10
Oregon	May 17	389	221	7	5	-	148	5	274	200	49	-	21
Idaho	May 24	51	38	-	2	-	8	1	68	55	-	-	6
California	June 7	3,139	1,911	-	57	-	1,102	44	2,240	1,856	289	-	95
Montana	June 7	122	84	3	2	-	27	2	86	63	17	-	-
New Jersey	June 7	654	415	-	18	-	214	-	241	241	-	-	-
New Mexico	June 7	189	115	-	5	7	53	3	89	69	9	-	5
North Dakota	June 14	3	3	-	-	-	1	-	39	37	-	-	-

- Represents zero. Z Less than 500. ¹ Includes votes for other candidates, not shown separately. ² No primary held.

Source: Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 431 Democratic and Republican Percentages of Two-Party Presidential Vote, by Selected Characteristics of Voters: 1984 and 1988

[In percent. Covers citizens of voting-age living in private housing units in the contiguous U.S. Percentages for Democratic Presidential vote are computed by subtracting the percentage Republican vote from 100 percent; third party votes are not included as valid data. Data are from the National Election Studies and are based on a sample (for 1988, 2,040 respondents) and subject to sampling variability; for details, see source]

CHARACTERISTIC	1984		1988		CHARACTERISTIC	1984		1988	
	Democ-ratic	Repub-lican	Democ-ratic	Repub-lican		Democ-ratic	Repub-lican	Democ-ratic	Repub-lican
Total ¹	42	58	47	53	Race:				
Year of birth:					White	37	63	41	59
1959 or later	42	58	48	52	Black	91	9	92	8
1943 to 1958	41	59	47	53	Education:				
1927 to 1942	40	60	49	51	Grade school	62	38	61	39
1911 to 1926	44	56	44	56	High school	42	58	51	49
1895 to 1910	42	58	47	53	College	38	62	42	58
Sex:					Union household	57	43	59	41
Male	38	62	44	57	Non-union household	37	63	44	56
Female	45	55	50	50					

¹ Includes other characteristics, not shown separately.

Source: Center for Political Studies, University of Michigan, Ann Arbor, MI. Data are published in Warren E. Miller and Santa A. Traugott, *American National Election Studies Data Sourcebook, 1952-1986*, Harvard University Press, Cambridge, MA, 1989 (copyright).

No. 432. Vote Cast for United States Senators, by Major Political Party—States: 1986 to 1990

[In thousands, except percent]

DIVISION AND STATE	1986				1988				1990 ²			
	Total ¹	Democratic	Republican	Percent for leading party	Total ¹	Democratic	Republican	Percent for leading party	Total ¹	Democratic	Republican	Percent for leading party
N. Eng.:												
ME	(X)	(X)	(X)	(X)	557	453	105	81.2	501	194	307	61.3
NH	245	79	154	62.9	(X)	(X)	(X)	(X)	281	92	189	87.3
VT	197	124	68	63.2	240	71	163	68.0	(X)	(X)	(X)	(X)
MA	(X)	(X)	(X)	(X)	2,606	1,693	884	65.0	2,073	1,180	893	56.9
RI	(X)	(X)	(X)	(X)	398	181	217	54.6	350	216	134	61.8
CT	977	633	340	64.8	1,384	688	678	49.8	(X)	(X)	(X)	(X)
Mid. Atl.:												
NY	4,179	1,723	2,378	56.9	6,041	4,049	1,876	67.0	(X)	(X)	(X)	(X)
NJ	(X)	(X)	(X)	(X)	2,988	1,600	1,350	53.6	1,888	972	916	51.5
PA	3,378	1,448	1,907	56.4	4,367	1,417	2,902	66.5	(X)	(X)	(X)	(X)
E. No. Cent.:												
OH	3,121	1,949	1,172	62.5	4,353	2,480	1,873	57.0	(X)	(X)	(X)	(X)
IN	1,546	595	936	60.6	2,099	669	1,431	68.1	3,479	3,685	3,794	353.7
IL	3,123	2,034	1,054	65.1	(X)	(X)	(X)	(X)	3,196	2,075	1,120	64.9
MI	(X)	(X)	(X)	(X)	3,506	2,117	1,348	60.4	2,486	1,450	1,036	58.3
WI	1,483	703	755	50.9	2,168	1,129	1,030	52.1	(X)	(X)	(X)	(X)
W. No. Cent.:												
MN	(X)	(X)	(X)	(X)	2,094	857	1,178	56.2	1,618	833	785	51.5
IA	892	299	588	66.0	(X)	(X)	(X)	(X)	872	525	447	54.0
MO	1,477	700	778	52.6	2,079	660	1,407	67.7	(X)	(X)	(X)	(X)
ND	289	144	142	49.8	289	172	113	59.4	(X)	(X)	(X)	(X)
SD	296	153	143	51.6	(X)	(X)	(X)	(X)	258	116	135	52.4
NE	(X)	(X)	(X)	(X)	668	379	278	56.7	580	343	237	59.1
KS	824	247	577	70.0	(X)	(X)	(X)	(X)	781	206	575	73.6
So. Atl.:												
DE	(X)	(X)	(X)	(X)	243	92	151	62.1	177	112	65	63.4
MD	1,113	675	437	60.7	1,617	999	618	61.8	(X)	(X)	(X)	(X)
VA	(X)	(X)	(X)	(X)	2,069	1,474	594	71.2	1,069	-	873	81.6
WV	(X)	(X)	(X)	(X)	635	411	224	64.8	401	275	126	68.5
NC	1,591	824	768	51.8	(X)	(X)	(X)	(X)	2,039	969	1,070	52.5
SC	738	466	263	63.1	(X)	(X)	(X)	(X)	717	242	475	68.3
GA	1,225	624	601	50.9	(X)	(X)	(X)	(X)	(NA)	(X)	(X)	(X)
FL	3,430	1,878	1,552	54.7	4,068	2,017	2,051	50.4	(X)	(X)	(X)	(X)
E. So. Cent.:												
KY	677	504	173	74.4	(X)	(X)	(X)	(X)	913	436	477	52.2
TN	(X)	(X)	(X)	(X)	1,567	1,020	541	65.1	757	527	230	69.6
AL	1,212	609	603	50.3	(X)	(X)	(X)	(X)	1,157	702	455	60.7
MS	(X)	(X)	(X)	(X)	947	436	510	53.9	(NA)	(X)	(X)	(X)
W. So. Cent.:												
AR	695	433	262	62.3	(X)	(X)	(X)	(X)	(NA)	(X)	(X)	(X)
LA	1,370	724	646	52.8	(X)	(X)	(X)	(X)	(X)	734	148	83.2
OK	894	400	493	55.2	(X)	(X)	(X)	(X)	882	734	148	83.2
TX	(X)	(X)	(X)	(X)	5,323	3,150	2,129	59.2	3,718	1,425	2,293	61.7
Mt.:												
MT	(X)	(X)	(X)	(X)	365	176	189	51.9	311	217	94	69.8
ID	382	185	197	51.6	(X)	(X)	(X)	(X)	291	113	179	61.3
WY	(X)	(X)	(X)	(X)	181	90	91	50.4	157	57	101	64.0
CO	1,061	529	513	49.9	(X)	(X)	(X)	(X)	994	426	568	57.2
NM	(X)	(X)	(X)	(X)	509	322	187	63.3	404	109	294	72.9
AZ	863	341	522	60.5	1,165	660	478	56.7	(X)	(X)	(X)	(X)
UT	435	116	315	72.3	641	203	430	67.1	(X)	(X)	(X)	(X)
NV	262	131	117	50.0	350	176	161	50.2	(X)	(X)	(X)	(X)
Pac.:												
WA	1,337	677	651	50.7	1,849	904	944	51.1	(X)	(X)	(X)	(X)
OR	1,043	376	656	63.0	(X)	(X)	(X)	(X)	1,004	463	541	53.6
CA	7,399	3,647	3,542	49.3	9,744	4,287	5,143	52.8	(X)	(X)	(X)	(X)
AK	181	80	98	54.0	(X)	(X)	(X)	(X)	158	52	106	67.2
HI	329	242	87	73.6	324	248	67	76.6	7350	7189	7156	754.0

- Represents zero. NA Not available. X Not applicable. ¹ Includes vote cast for minor parties. ² Nearly complete unofficial returns compiled by source. Source: Congressional Quarterly, Inc., *Congressional Quarterly Weekly Report*, vol. 48, No. 45, November 10, 1990. (Copyright). ³ Special election to fill the unexpired term of Vice-President Quayle. ⁴ The winning Democratic candidate was unopposed. ⁵ The winning Republican candidate was unopposed. ⁶ Louisiana holds an open-primary election with candidates from all parties running on the same ballot. Any candidate who receives a majority is elected; if no candidate receives 50 percent, there is a run-off election in November between the top two finishers. ⁷ Special election to fill the unexpired term of Senator Matsunaga.

Source: Except as noted, Elections Research Center, Washington, DC, *America Votes*, biennial. (Copyright.)

No. 433. Vote Cast for United States Representatives, by Major Political Party—States: 1984 to 1988

[In thousands, except percent. In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214]

REGION, DIVISION, AND STATE	1984				1986				1988			
	Total ¹	Democrat	Republican	Per-cent for leading party	Total ¹	Democrat	Republican	Per-cent for leading party	Total ¹	Democrat	Republican	Per-cent for leading party
United States²	83,231	43,539	38,956	D-52.3	59,619	32,540	26,532	D-54.6	81,788	43,662	37,175	D-53.4
Northeast	19,179	10,116	8,916	D-52.8	12,405	6,820	5,363	D-55.0	17,806	9,490	7,989	D-53.3
N.E.	5,309	2,622	2,435	D-53.2	3,641	2,122	1,433	D-58.3	5,327	3,086	2,066	D-57.4
ME	542	162	375	R-69.2	422	165	249	R-59.1	555	276	278	R-50.2
NH	373	119	251	R-67.2	241	84	156	R-64.9	429	178	252	R-58.6
VT	226	60	148	R-65.4	189	-	168	R-89.1	240	45	99	R-41.2
MA	2,346	1,618	704	D-69.0	1,503	1,198	250	D-79.7	2,371	1,787	509	R-75.4
RI	390	395	3,195	R-50.0	306	130	176	R-57.8	391	140	251	R-64.1
CT	1,432	668	762	R-53.2	980	545	434	D-55.6	1,341	660	677	R-50.5
M.A.	13,670	7,294	6,481	D-52.6	8,764	4,698	3,930	D-53.6	12,479	6,403	5,923	D-53.3
NY	6,218	3,255	2,898	D-52.4	3,904	2,132	1,665	D-54.6	5,506	2,950	2,441	D-53.6
NJ	2,992	1,508	1,471	D-50.4	1,554	803	739	D-51.7	2,776	1,336	1,412	R-50.9
PA	4,660	2,531	2,112	D-54.3	3,306	1,763	1,526	D-53.3	4,197	2,117	2,070	D-50.4
Midwest	24,171	12,230	11,813	D-50.6	16,961	8,954	7,968	D-52.7	23,639	12,270	11,205	D-52.1
E.N.C.	16,616	8,417	8,110	D-50.7	11,350	5,969	5,331	D-52.6	16,111	8,360	7,715	D-51.9
OH	4,332	2,134	2,159	R-49.8	3,067	1,512	1,536	R-50.1	4,155	2,087	2,068	D-50.2
IN	2,180	1,022	1,147	R-52.6	1,556	788	756	D-50.7	2,120	1,097	1,023	D-51.7
IL	4,579	2,367	2,204	D-51.7	3,017	1,623	1,393	D-53.8	4,344	2,317	2,023	D-53.3
MI	3,452	1,861	1,567	D-53.9	2,327	1,342	977	D-57.7	3,456	1,824	1,605	D-52.8
WI	2,075	1,033	1,033	D-49.8	1,383	704	669	D-50.9	2,035	1,035	997	D-50.9
W.N.C.	7,553	3,813	3,703	D-50.5	5,631	2,985	2,637	D-53.0	7,429	3,910	3,490	D-52.6
MN	1,975	1,061	902	D-53.7	1,393	832	558	D-59.7	1,969	1,149	810	D-58.3
IA	1,269	595	673	R-53.1	890	428	461	R-51.9	1,189	580	607	R-51.0
MO	2,040	1,130	903	D-55.4	1,430	828	600	D-57.9	2,070	1,148	910	D-55.5
ND	309	243	66	D-78.7	286	216	67	D-75.5	300	213	84	D-70.9
SD	316	181	135	D-57.4	290	171	118	D-59.2	312	224	88	D-71.7
NE	650	168	482	R-74.2	555	197	358	R-64.5	656	230	426	R-64.9
KS	994	435	542	R-54.5	787	313	475	R-60.3	932	367	565	R-60.6
South²	22,904	13,226	9,526	D-57.7	16,451	9,819	6,519	D-59.7	22,979	12,951	9,826	D-56.4
S.A.²	11,486	6,414	5,003	D-55.8	8,284	4,991	3,249	D-60.2	12,121	6,660	5,420	D-54.9
DE	243	142	101	D-58.5	161	106	54	D-66.2	235	158	76	D-67.5
MD	1,495	955	536	D-63.9	1,063	669	394	D-62.9	1,561	937	624	D-60.0
DC	162	155	-	D-95.6	127	102	18	D-80.1	171	122	23	D-71.3
VA	1,838	795	1,003	R-54.6	1,043	545	467	D-52.2	1,891	802	1,077	R-57.0
WV	704	429	275	D-60.9	398	299	97	D-75.5	569	437	132	D-76.8
NC	2,158	1,131	1,026	D-52.4	1,573	890	682	D-56.6	1,985	1,108	876	D-55.8
SC	928	471	441	D-50.7	717	453	261	D-63.2	991	550	439	D-55.4
GA	1,521	1,091	430	D-71.7	1,062	773	289	D-72.8	1,672	1,115	557	D-66.7
FL ^{6,7}	2,437	1,245	1,191	D-51.1	2,142	1,154	987	D-53.9	3,047	1,431	1,616	R-53.0
E.S.C.	4,522	2,728	1,753	D-60.3	3,375	2,006	1,346	D-59.4	4,611	2,707	1,841	D-58.7
KY	1,188	657	529	D-55.3	630	375	253	D-59.5	1,105	534	564	R-51.1
TN	1,316	726	589	D-55.2	1,105	636	449	D-57.6	1,409	844	536	D-59.9
AL	1,149	822	308	D-71.5	1,116	679	436	D-60.8	1,178	722	432	D-61.3
MS	869	523	327	D-60.2	524	316	208	D-60.3	918	607	308	D-66.1
W.S.C.^{6,8}	6,896	4,084	2,770	D-59.2	4,792	2,822	1,924	D-58.9	6,248	3,583	2,565	D-57.3
AR	463	341	91	D-73.7	666	387	268	D-58.1	606	353	253	D-58.3
LA ⁹	642	402	239	D-62.7	391	288	102	D-73.8	205	89	116	R-56.8
OK ^{6,10}	1,111	646	458	D-58.1	725	430	291	D-59.4	767	406	362	D-52.9
TX	4,680	2,695	1,982	D-57.6	3,010	1,717	1,263	D-57.0	4,670	2,736	1,834	D-58.6
West	16,978	7,964	8,703	R-51.3	13,786	6,949	6,680	D-50.4	17,461	8,952	8,165	D-51.3
Mt.	4,527	1,672	2,778	R-61.3	3,748	1,591	2,142	R-57.2	4,793	2,062	2,664	R-55.6
MT	371	187	179	D-50.5	318	172	146	D-54.1	365	193	172	D-52.9
ID	405	165	240	R-59.3	376	163	208	R-55.4	407	198	203	R-49.9
WY	188	46	138	R-73.6	160	49	111	R-69.5	178	57	118	R-66.6
CO	1,248	436	780	R-62.5	1,018	450	566	R-55.6	1,315	645	667	R-50.7
NM	500	201	294	R-58.9	386	179	207	R-53.6	449	209	236	R-52.6
AZ	943	320	603	R-63.9	804	260	540	R-67.2	1,125	322	766	R-68.1
UT	601	208	387	R-64.5	429	197	230	R-53.6	609	260	341	R-56.0
NV	271	109	155	R-57.3	257	121	134	R-52.0	344	177	160	D-51.4
Pac.	12,451	6,292	5,927	D-50.5	10,038	5,358	4,538	D-53.4	12,669	6,891	5,492	D-54.4
WA	1,808	997	800	D-55.1	1,295	768	527	D-59.3	1,731	988	743	D-57.1
OR	1,203	655	548	D-54.4	1,032	585	446	D-56.7	1,024	665	358	D-64.9
CA	8,958	4,327	4,424	R-49.4	7,200	3,744	3,328	D-52.0	9,381	4,945	4,174	D-52.7
AK	206	86	114	R-55.0	180	74	102	R-56.5	193	72	121	R-62.5
HI	276	41	41	D-82.5	331	187	135	D-56.4	340	221	87	D-66.1

- Represents zero. ¹ Includes vote cast for minor parties. ² Includes vote cast for non-voting Delegate at Large in District of Columbia. ³ Total vote for Republican candidates was 195,077; for Democratic candidates, 194,942. ⁴ Includes votes cast by other endorsing parties for Democratic and Republican candidates. ⁵ Total vote for Democratic candidates was 1,033,033; for Republican candidates, 1,032,948. ⁶ State law does not require tabulation of votes for unopposed candidates. ⁷ In 1984 Districts 1, 2, 3, 5, 12, 13, and 17 were unopposed; in 1986 Districts 3, 4, 5, 7, 8, 15, and 17 were unopposed; in 1988 Districts 3, 5, 7, 12, 17, and 18 were unopposed. ⁸ In 1984 District 3 was unopposed; in 1988 District 1 was unopposed. ⁹ 1984 data are for September open primary because there were no general election runoffs. 1986 data are for general election runoffs in two districts. 1988 open primary totals-total, 755,680; Democratic, 599,291; Republican, 148,007. 1988 data are for a general election runoff in one district. 1988 open primary totals-total, 550,370; Democratic 337,724; Republican, 212,646. ¹⁰ In 1986 District 6 was unopposed; in 1988 Districts 3 and 4 were unopposed.

No. 434. Vote Cast for United States Representatives by Major Political Party— Congressional Districts: 1990

[Nearly complete, unofficial vote returns as compiled by source. In some States the Democratic and Republican vote includes votes cast for the party candidate by endorsing parties]

STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE		STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE	
		Name	Per- cent of total	Name	Per- cent of total			Name	Per- cent of total	Name	Per- cent of total
AL	(NA)	(X)	(X)	(X)	(X)	CO	992	(X)	(X)	(X)	(X)
1st	(NA)	(X)	(X)	(X)	(NA)	1st	129	Schroeder	64	Roemer	36
2d	170	Baggiano	49	Callahan	51	2d	173	Skaggs	61	Lewis	39
3d	135	Browder	74	Sledge	26	3d	177	Campbell	72	Ellis	28
4th	(NA)	Bevill	(NA)	(X)	(X)	4th	165	Bond	46	Allard	54
5th	167	Cramer	67	McDonald	33	5th	186	Johnston	31	Hefley	89
6th	141	Erdreich	93	(X)	(X)	6th	163	Jarrett	35	Schaefer	65
7th	166	Harris	71	Barker	29	CT	1,022	(X)	(X)	(X)	(X)
AK	141	Devens	49	Young	51	1st	175	Kennelly	71	Garvey	29
AZ	(NA)	(X)	(X)	(X)	(X)	2d	174	Gelden- son	80	Ragsdale	40
1st	(NA)	(X)	(X)	(X)	(NA)	3d	168	DeLauro	53	Scott	47
2d	114	Udall	66	Sweeney	34	4th	139	Smith	24	Shays	76
3d	233	Hartstone	43	Stump	57	5th	177	Moffett	47	Franks	52
4th	227	Ivey	39	Kyl	61	6th	187	Kulas	26	Johnson	74
5th	214	Phillips	35	Kolbe	65	DE	174	Carper	67	Williams	33
AR	634	(X)	(X)	(X)	(X)	FL	(NA)	(X)	(X)	(X)	(X)
1st	141	Alexander	64	Hayes	36	1st	161	Hutto	52	Ketchel	48
2d	169	Thornton	60	Keet	40	2d	178	Peterson	57	Grant	43
3d	181	Ivory	29	Hammer- schmidt	71	3d	111	Bennett	73	Sullivan	27
4th	143	Anthony	72	Rood	28	4th	160	Hughes	44	James	56
CA	(NA)	(X)	(X)	(X)	(X)	5th	157	Fletcher	40	McCollum	60
1st	213	Bosco	42	Riggs	43	6th	231	Johnson	41	Stearns	59
2d	202	Rush	31	Herger	64	7th	142	Gibbons	68	Prout	32
3d	203	Matsui	60	Landowski	35	8th	(NA)	(X)	(X)	Young	(NA)
4th	197	Fazio	55	Baughman	39	9th	243	Knapp	42	Billakis	58
5th	145	Pelosi	78	Nichols	22	10th	(NA)	(X)	(X)	Ireland	(NA)
6th	188	Boxer	68	Boerum	32	11th	233	Bacchus	52	Tolley	48
7th	188	Miller	61	Payton	39	12th	(NA)	(X)	(X)	Lewis	(NA)
8th	180	Dellums	62	Galewski	38	13th	(NA)	(X)	(X)	Goss	(NA)
9th	152	Stark	59	Romero	41	14th	236	Johnston	66	Shore	34
10th	122	Edwards	63	Patross	37	15th	(NA)	(X)	(X)	Shaw	(NA)
11th	142	Lantos	68	Quarishi	28	16th	(NA)	(X)	(X)	Lehman	(X)
12th	189	Palmer	34	Campbell	65	17th	95	Lehman	78	Rodney	22
13th	158	Mineta	58	Smith	42	18th	90	Anscher	38	Ros- Lahtinen	62
14th	218	Mailberg	49	Doolittle	51	19th	141	Fascoll	62	Allen	38
15th	126	Condit	68	Burris	34	GA	1,372	(X)	(X)	(X)	(X)
16th	165	Panetta	74	Reiss	22	1st	113	Thomas	71	Meredith	29
17th	140	Dooley	55	Pashayan	45	2d	101	Hatcher	73	Waters	27
18th	(NA)	Lehman	(NA)	(X)	(X)	3d	112	Ray	63	Brown	37
19th	139	Ferguson	46	Lagomar- sino	54	4th	178	Jones	53	Linder	47
20th	168	M.Thomas	35	B.Thomas	59	5th	114	Lewis	76	Tibbs	24
21st	186	Freiman	34	Galleghy	58	6th	156	Worley	50	Gingrich	50
22d	164	Bayer	35	Moorhead	59	7th	159	Darden	60	Beverly	40
23d	152	Beilenson	62	Salomon	34	8th	117	Rowland	69	Cunning- ham	31
24th	95	Waxman	69	Cowles	25	9th	169	Jenkins	56	Hoffman	44
25th	83	Roybal	71	Renshaw	24	10th	152	Barnard	58	Jones	42
26th	118	Berman	61	Dahlson	35	HI	333	(X)	(X)	(X)	(X)
27th	144	Levine	59	Cohen	37	1st	161	Aber- crombie	61	Liu	39
28th	89	Dixon	73	Adams	22	2d	173	Mink	68	Poepoe	32
29th	61	Waters	80	DeWitt	18	ID	290	(X)	(X)	(X)	(X)
30th	72	Martinez	59	Franco	37	1st	145	LaRocco	53	Smyser	47
31st	79	Dymally	68	Sato	32	2d	145	Stallings	63	McDevitt	37
32d	103	Anderson	62	Kahn	38	IL	2,795	(X)	(X)	(X)	(X)
33d	147	Webb	32	Dreier	63	1st	100	Hayes	94	Peyton	6
34th	85	Torres	61	Eastman	39	2d	96	Savage	78	Hespel	22
35th	194	Norton	33	Lewis	60	3d	150	Russo	71	Klein	29
36th	130	Brown	53	Hammock	47	4th	130	Sangmeis- ter	59	Hoffman	41
37th	211	Walte	45	McCand- less	49	5th	104	Lipinski	68	Shestokas	32
38th	85	Jackson	42	Dornan	58	6th	144	Cassidy	33	Hyde	67
39th	144	Hoffman	31	Danne- meyer	65	7th	97	Collins	80	Dooley	20
40th	167	Gratz	33	Cox	67	8th	85	Rosten- kowski	79	(X)	(X)
41st	193	Kripke	44	Lowery	48	9th	129	Yates	71	Sohn	29
42d	162	Kim- brough	37	bacher	59	10th	151	McNamara	31	Porter	69
43d	193	(X)	(X)	Packard	68	11th	145	Annunzio	54	Dudycz	46
44th	100	Bates	45	Cunning- ham	46	12th	136	(X)	(X)	Crane	82
45th	153	(X)	(X)	Hunter	73	13th	175	Thomas	34	Fawell	66

See footnotes at end of table.

**No. 434. Vote Cast for United States Representatives, by Major Political Party—
Congressional Districts: 1990—Continued**

[See headnote, p. 256]

STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE		STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE	
		Name	Per- cent of total	Name	Per- cent of total			Name	Per- cent of total	Name	Per- cent of total
IL-Con.						5th.	201	Atkins . . .	52	MacGovern	48
14th.	168	Westphal . .	33	Hastert . . .	67	6th.	210	Mavroules . .	66	Kelley . . .	34
15th.	(NA)	(¹)	(¹)	Madigan . .	(NA)	7th.	(NA)	Markay . . .	(NA)	(¹)	(¹)
16th.	152	Cox	55	Hallock . . .	45	8th.	126	Kennedy . . .	75	Fiscus . . .	25
17th.	153	Evans	67	Lee	33	9th.	(NA)	Moakley . . .	71	(¹)	(¹)
18th.	(NA)	(¹)	(¹)	Michel . . .	(NA)	10th.	212	Studds . . .	52	Bryan . . .	48
19th.	172	Bruce	66	Kerans . . .	32	11th.	(NA)	Donnelly . . .	(NA)	(¹)	(¹)
20th.	196	Durbin . . .	66	Jurgens . . .	34	MI.	(NA)	(X)	(X)	(X)	(X)
21st.	144	Costello . .	66	Gaffner . . .	34	1st.	84	Conyers . . .	91	Shoulders .	9
22d.	165	Poshard . . .	84	(¹)	(¹)	2d.	120	White	36	Pursell . . .	64
IN.	1,502	(X)	(X)	(X)	(X)	3d.	142	Wolpe	58	Haskins . . .	42
1st.	104	Visclosky . .	66	Costas . . .	34	4th.	131	McFarland . .	42	Upton . . .	58
2d.	156	Sharp	59	Pence	41	5th.	167	Trzybinski . .	25	Henry . . .	75
3d.	158	Roemer . . .	51	Hiler	49	6th.	(NA)	Carr	(NA)	(¹)	(¹)
4th.	161	Long	61	Hawks . . .	39	7th.	132	Kildee . . .	68	Morrill . . .	32
5th.	153	Jontz	53	Johnson . .	47	8th.	143	Traxler . . .	68	White . . .	32
6th.	181	Fadely . . .	37	Burton . . .	63	9th.	163	Greene . . .	45	Vander . . .	
7th.	154	Riley	42	Myers . . .	58					Jagt	55
8th.	179	McCloskey .	55	Mourdock . .	45	10th.	151	Dennison . .	34	Camp . . .	66
9th.	156	Hamilton . .	69	Coates . . .	31	11th.	154	Gould	39	Davis . . .	61
10th.	100	Jacobs . . .	66	Horvath . . .	34	12th.	149	Bonior . . .	66	Dingeman .	34
IA.	(NA)	(X)	(X)	(X)	(X)	13th.	61	Collins . . .	88	Edwards . .	12
1st.	(NA)	(¹)	(¹)	Leach . . .	(NA)	14th.	109	Hertel . . .	66	McNealy . .	34
2d.	163	Tabor	50	Nussle . . .	50	15th.	89	Ford	63	Adkins . . .	37
3d.	(NA)	Nagle	(NA)	(¹)	(¹)	16th.	131	Dingell . . .	67	Beaumont .	33
4th.	(NA)	Smith	(NA)	(¹)	(¹)	17th.	113	Levin	68	Lankford .	32
5th.	148	Powell . . .	33	Lightfoot . .	67	18th.	191	Briggs . . .	34	Broomfield .	66
6th.	156	Earl	28	Grandy . . .	72	MN.	1,581	(X)	(X)	(X)	(X)
KS.	779	(X)	(X)	(X)	(X)	1st.	168	Penny	78	Andersen . .	22
1st.	163	West	38	Roberts . . .	62	2d.	193	Stone	38	Weber . . .	62
2d.	158	Slaterry . .	63	Morgan . . .	37	3d.	250	DeMars . . .	34	Ramstad . .	66
3d.	148	Jones	40	Meyers . . .	60	4th.	219	Vento	65	Mitland . .	35
4th.	158	Glickman . .	71	Grund . . .	29	5th.	189	Sabo	73	Gilbertson .	27
5th.	153	Wingert . . .	41	Nichols . . .	59	6th.	237	Sikorski . . .	64	Anderson . .	36
KY.	(NA)	(X)	(X)	(X)	(X)	7th.	177	Peterson . . .	54	Stange- land . . .	46
1st.	(NA)	Hubbard . .	87	(¹)	(¹)						
2d.	115	Natcher . . .	66	Tori	34	8th.	148	Oberstar . .	71	Shuster . .	29
3d.	139	Mazzoli . . .	61	Brown . . .	39	MS.	(NA)	(X)	(X)	(X)	(X)
4th.	146	Martin . . .	31	Bunning . . .	69	1st.	67	Whitten . . .	65	Bowlin . . .	35
5th.	(NA)	(¹)	(¹)	Rogers . . .	(NA)	2d.	69	Espy	84	Benford . .	16
6th.	(NA)	(¹)	(¹)	Hopkins . . .	(NA)	3d.	(NA)	Montgom- ery	(NA)	(¹)	(¹)
7th.	120	Perkins . . .	51	Scott	49						
LA.	(NA)	(X)	(X)	(X)	(X)	4th.	71	Parker	81	Parks . . .	19
1st.	(X)	(X)	(X)	Living- ston . . .	(X)	5th.	110	Taylor	81	Smith . . .	19
				ston . . .	(X)	MO.	1,351	(X)	(X)	(X)	(X)
2d.	(X)	Jefferson . .	52	(X)	(X)	1st.	103	Clay	61	Piotrowski .	39
3d.	(X)	Tauzin . . .	(X)	(X)	(X)	2d.	189	Horn	50	Buechner . .	50
4th.	(X)	(X)	(X)	McCrery . .	(X)	3d.	157	Gephardt . .	57	Holekamp . .	43
5th.	(X)	Huckaby . .	(X)	(X)	(X)	4th.	171	Skelton . . .	62	Eyerly . . .	38
6th.	(X)	(X)	(X)	Baker . . .	(X)	5th.	116	Wheat . . .	62	Gardner . .	38
7th.	(X)	Hayes . . .	(X)	(X)	(X)	6th.	152	McClure . . .	48	Coleman . .	52
8th.	(X)	(X)	(X)	Holloway . .	(X)	7th.	160	Deaton . . .	48	Hancock . .	52
ME.	494	(X)	(X)	(X)	(X)	8th.	141	Carnahan . .	43	Emerson . .	57
1st.	264	Andrews . .	61	Emery . . .	39	9th.	163	Volkmer . . .	58	Curtis . . .	42
2d.	230	McGowan . .	49	Snowe . . .	51	MT.	317	(X)	(X)	(X)	(X)
MD.	1,052	(X)	(X)	(X)	(X)	1st.	164	Williams . . .	61	Johnson . .	39
1st.	151	Dyson . . .	43	Gilchrest . .	57	2d.	153	Burris . . .	37	Marlenee . .	63
2d.	151	Bowers . . .	26	Bentley . . .	74	NE.	573	(X)	(X)	(X)	(X)
3d.	115	Cardin . . .	70	Nichols . . .	30	1st.	197	Hall	35	Bereuter . .	65
4th.	142	McMillen . .	59	Duckworth . .	41	2d.	189	Hoagland . .	58	Milder . . .	42
5th.	103	Hoyer . . .	81	Breuer . . .	19	3d.	187	Scotfield . .	49	Barrett . .	51
6th.	158	Byron . . .	65	Fiores . . .	35	NV.	294	(X)	(X)	(X)	(X)
7th.	68	Mfume . . .	85	Kondner . . .	15	1st.	132	Bilbray . . .	64	Dickinson .	36
8th.	164	Walker . . .	23	Morella . . .	77	2d.	162	Wisdom . . .	37	Vucano- vich . . .	63
MA.	(NA)	(X)	(X)	(X)	(X)						
1st.	166	Arden	22	Conte	78	NH.	288	(X)	(X)	(X)	(X)
2d.	(NA)	Neal	(NA)	(¹)	(¹)	1st.	145	Keefe	45	Zeliff . . .	55
3d.	(NA)	Early	(NA)	(¹)	(¹)	2d.	143	Swett	53	Douglas . .	47
4th.	208	Frank	66	Soto	34						

See footnotes at end of table.

**No. 434. Vote Cast for United States Representatives, by Major Political Party—
Congressional Districts: 1990—Continued**

[See headnote, p. 256]

STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE		STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE	
		Name	Per- cent of total	Name	Per- cent of total			Name	Per- cent of total	Name	Per- cent of total
NJ	1,761	(X)	(X)	(X)	(X)	ND	227	Dorgan	65	Schafer	35
1st	130	Andrews	56	Mangini	44	OH	(NA)	(X)	(X)	(X)	(X)
2d	111	Hughes	88	()	()	1st	163	Lukens	51	Blackwell	49
3d	152	Pallone	51	Kapalko	49	2d	160	Yates	36	Gradison	64
4th	155	Setaro	35	Smith	65	3d	(NA)	Hall	(NA)	()	()
5th	153	Olsen	23	Roukema	77	4th	166	Burkhart	38	Oxley	62
6th	118	Dwyer	52	Daniel- czyk	48	5th	156	Mange	27	Gillmor	73
7th	129	Bergen	24	Rinaldo	76	6th	163	Mitchell	29	McEwen	71
8th	73	Roe	77	()	()	7th	155	Schira	38	Hobson	62
9th	142	Toricelli	58	Russo	42	8th	162	Jolivet	39	Boehner	61
10th	51	Payne	83	Berkeley	17	9th	150	Kaptur	78	Lammers	22
11th	139	Gordon	34	Gallo	66	10th	166	Buchanan	37	Miller	63
12th	160	Chandler	33	Zimmer	67	11th	169	Eckart	66	Mueller	34
13th	167	Adler	40	Saxton	60	12th	180	Gelpi	28	Kasich	72
14th	81	Guarini	69	Theemling	31	13th	153	Pease	60	Nielsen	40
NM	(NA)	(X)	(X)	(X)	(X)	14th	163	Sawyer	60	Bender	40
1st	139	Vigil-Giron	30	Schiff	70	15th	166	Erney	41	Wylie	59
2d	(NA)	()	()	Skeen	(NA)	16th	171	Menden- hall	41	Regula	59
3d	137	Richardson	74	Archu- letta	26	17th	170	Traffant	78	DeJulio	22
NY	(NA)	(X)	(X)	(X)	(X)	18th	161	Applegate	74	Hales	26
1st	131	Hoch- bruck- ner	56	Creighton	35	19th	204	Feighan	65	Lawko	35
2d	100	Downey	55	Bugler	37	20th	148	Oaker	73	Smith	27
3d	135	Mrazek	53	Prevodi	43	21st	128	Stokes	80	Roski	20
4th	129	Goban	32	Lent	61	OK	854	(X)	(X)	(X)	(X)
5th	132	Epstein	41	McGrath	55	1st	135	Glassco	44	Inhofe	56
6th	61	Flake	72	Sampol	23	2d	147	Synar	81	Gorham	39
7th	(NA)	Ackerman	(NA)	()	()	3d	134	Brewster	80	Miller	20
8th	76	Scheuer	72	Reifen- kugel	28	4th	136	McCurdy	74	Bell	26
9th	54	Manton	65	Darby	24	5th	165	Baggett	30	Edwards	70
10th	74	Schumer	80	Kinsella	20	6th	138	English	80	Burns	20
11th	38	Towns	93	()	()	OR	961	(X)	(X)	(X)	(X)
12th	42	Owens	95	()	()	1st	212	AuCoin	64	Molander	30
13th	59	Solarz	80	Ramos	20	2d	182	Smiley	32	Smith	68
14th	95	Pocchia	35	Molinari	60	3d	191	Wyden	81	Mooney	19
15th	87	Reiter	37	Green	58	4th	176	DeFazio	86	()	()
16th	55	Rangel	97	()	()	5th	200	Kopetski	55	Smith	45
17th	95	Weiss	80	Koeppel	15	PA	(NA)	(X)	(X)	(X)	(X)
18th	40	Serrano	93	Chiavaro	3	1st	88	Foglietta	79	Jackson	21
19th	72	Engel	61	Gouldman	23	2d	99	Gray	92	Bakove	8
20th	119	Lowey	62	Bellito	28	3d	142	Borski	59	McColgan	41
21st	126	Barbuto	24	Fish	71	4th	132	Kolter	56	Johnston	44
22d	134	Dow	27	Gilman	68	5th	131	Stretton	38	Schulze	57
23d	179	McNulty	64	Buhrmaster	36	6th	128	Yatron	57	Hicks	43
24th	174	Lawrence	32	Solomon	68	7th	162	Innelli	35	Weldon	65
25th	100	()	()	Boehlert	84	8th	150	Kostmayer	57	Schaller	43
26th	(NA)	()	()	Martin	(NA)	9th	(NA)	()	()	Shuster	(NA)
27th	150	Murray	35	Walsh	63	10th	(NA)	()	()	McDade	(NA)
28th	136	McHugh	65	Krieger	35	11th	(NA)	Kanjorski	(NA)	()	()
29th	137	Eber	25	Horton	63	12th	130	Murtha	62	Choby	38
30th	161	Slaughter	59	Regan	41	13th	146	Tomkin	40	Coughlin	60
31st	158	Gaughan	44	Paxon	56	14th	107	Coyne	72	Caligiuri	28
32d	123	LaFalce	54	Waring	32	15th	127	Orloski	40	Ritter	60
33d	109	Nowak	77	Kepfer	17	16th	129	Guyll	34	Walker	66
34th	127	Leahey	30	Houghton	69	17th	(NA)	()	()	Gekas	(NA)
NC	1,983	(X)	(X)	(X)	(X)	18th	166	Walgren	49	Santorum	51
1st	164	Jones	65	Moye	35	19th	(NA)	()	()	Goodling	(NA)
2d	171	Valentine	75	Sharpe	25	20th	125	Gaydos	66	Lee	34
3d	140	Lancaster	60	Davis	40	21st	(NA)	()	()	Ridge	(NA)
4th	238	Price	58	Carrington	42	22d	124	Murphy	63	Hayden	37
5th	185	Neal	60	Bell	40	23d	131	Shannon	41	Clinger	59
6th	189	Allegre	33	Coble	67	RI	333	(X)	(X)	(X)	(X)
7th	144	Rose	65	Anderson	35	1st	157	Wolf	45	Machtley	55
8th	179	Hefner	55	Blanton	45	2d	176	Reed	59	Coxe	41
9th	212	McKnight	38	McMillan	62	SC	(NA)	(X)	(X)	(X)	(X)
10th	163	Green	38	Ballenger	62	1st	121	Platt	35	Ravenel	65
11th	199	Clarke	49	Taylor	51	2d	102	()	()	Spence	89
						3d	124	Derrick	58	Haskett	42
						4th	132	Patterson	61	Haskins	39
						5th	(NA)	Spratt	(NA)	()	()
						6th	(NA)	Tallon	(NA)	()	()

See footnotes at end of table.

**No. 434. Vote Cast for United States Representatives, by Major Political Party—
Congressional Districts: 1990—Continued**

[See headnote, p. 256]

STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE		STATE AND DIS- TRICT	Total vote cast (1,000)	DEMOCRATIC CANDIDATE		REPUBLICAN CANDIDATE	
		Name	Per- cent of total	Name	Per- cent of total			Name	Per- cent of total	Name	Per- cent of total
SD	255	Johnson . . .	67	Frankenfeld . .	33	1st . . .	152	Brunsdale . . .	46	Hansen . . .	54
TN	(NA)	(X)	(X)	(X)	(X)	2d . . .	144	Owens . . .	59	Atwood . . .	41
1st . . .	(NA)	()	()	Quillen . . .	(NA)	3d . . .	128	Orton . . .	62	Snow . . .	38
2d . . .	77	()	()	Duncan . . .	81	VT . . .	202	Sandoval . . .	3	Smith . . .	40
3d . . .	67	()	()	Rhoden . . .	43	VA . . .	(NA)	(X)	(X)	(X)	(X)
4th . . .	75	Lloyd . . .	57	Sanders . . .	31	1st . . .	141	Fox . . .	49	Bateman . . .	51
5th . . .	76	Cooper . . .	69	()	()	2d . . .	71	Pickett . . .	78	()	()
6th . . .	87	Clement . . .	72	Cochran . . .	30	3d . . .	118	Starke . . .	31	Bliley . . .	66
7th . . .	106	Gordon . . .	70	()	()	4th . . .	91	Sisisky . . .	78	()	()
8th . . .	(NA)	worth . . .	38	Sundquist . . .	62	5th . . .	(NA)	Payne . . .	(NA)	()	()
9th . . .	74	Tanner . . .	(NA)	()	()	6th . . .	109	Olin . . .	84	()	()
TX	(NA)	Ford . . .	65	Davis . . .	35	7th . . .	140	Smith . . .	42	Slaughter . . .	58
1st . . .	145	(X)	(X)	(X)	(X)	8th . . .	171	Moran . . .	52	Parris . . .	45
2d . . .	138	Chapman . . .	61	Hodges . . .	39	9th . . .	(NA)	Boucher . . .	(NA)	()	()
3d . . .	(NA)	Wilson . . .	55	Peterson . . .	45	10th . . .	166	Canter . . .	34	Wolf . . .	62
4th . . .	(NA)	()	()	Bartlett . . .	(NA)	WA . . .	1,144	(X)	(X)	(X)	(X)
5th . . .	106	Hall . . .	(NA)	()	()	1st . . .	171	Sullivan . . .	49	Miller . . .	51
6th . . .	190	Bryant . . .	61	Pucker . . .	39	2d . . .	152	Swift . . .	55	Smith . . .	45
7th . . .	(NA)	Welch . . .	33	Barton . . .	67	3d . . .	161	Unsoeld . . .	54	Williams . . .	46
8th . . .	(NA)	()	()	Archer . . .	(NA)	4th . . .	132	Hougen . . .	29	Morrison . . .	71
9th . . .	137	()	()	Fields . . .	(NA)	5th . . .	149	Foley . . .	69	Derby . . .	31
10th . . .	226	Brooks . . .	58	Meyers . . .	42	6th . . .	103	Dicks . . .	62	Mueller . . .	38
11th . . .	137	Pickle . . .	67	Beilharz . . .	33	7th . . .	127	McDer-			
12th . . .	137	Edwards . . .	54	Shine . . .	46	8th . . .	148	mott . . .	76	Penberthy . . .	24
13th . . .	137	Geren . . .	71	McGinn . . .	29	WV . . .	(NA)	(X)	44	Chandler . . .	56
14th . . .	145	Sarpalius . . .	56	Waterfield . . .	44	1st . . .	108	Giles . . .	(X)	(X)	(X)
15th . . .	163	Laughlin . . .	55	Dial . . .	45	2d . . .	113	Mollohan . . .	87	Tuck . . .	33
16th . . .	(NA)	de la . . .	()	()	()	3d . . .	(NA)	Staggers . . .	55	Luck . . .	45
17th . . .	(NA)	Garza . . .	(NA)	()	()	4th . . .	76	Wise . . .	(NA)	()	()
18th . . .	(NA)	Coleman . . .	(NA)	()	()	WI . . .	(NA)	Rahall . . .	52	Brewster . . .	48
19th . . .	(NA)	Stenholm . . .	(NA)	()	()	1st . . .	(NA)	(X)	(X)	(X)	(X)
20th . . .	(NA)	Washing-	(NA)	()	()	2d . . .	182	Aspin . . .	(NA)	()	()
21st . . .	189	ton . . .	()	Combest . . .	(NA)	3d . . .	154	Kasten-			
22d . . .	131	Gonzalez . . .	(NA)	()	()	4th . . .	139	meier . . .	47	Klug . . .	53
23d . . .	110	Roberts . . .	25	Smith . . .	75	5th . . .	109	Ziegeweid . . .	39	Gunderson . . .	61
24th . . .	(NA)	Director . . .	29	DeLay . . .	71	6th . . .	(NA)	Kleccka . . .	69	Cook . . .	31
25th . . .	(NA)	Busta . . .	63	Gonzales . . .	37	7th . . .	160	Moody . . .	71	Hammer-	
26th . . .	210	mante . . .	(NA)	()	()	8th . . .	179	smith . . .	()	Petri . . .	(NA)
27th . . .	(NA)	Frost . . .	(NA)	()	()	9th . . .	(NA)	()	()	McEwen . . .	38
UT	424	Andrews . . .	(NA)	()	()			Sistine . . .	46	Roth . . .	54
		Caton . . .	30	Armey . . .	70			()	()	Sensen-	
		Ortiz . . .	(NA)	()	()			Maxfield . . .	45	brenner . . .	(NA)
		(X)	(X)	(X)	(X)			Thomas . . .		Thomas . . .	55

NA Not available. X Not applicable. ¹ No candidate. ² The winning Republican candidate received 78,643 votes; the Democratic candidate, 77,480. ³ The winning Republican candidate received 82,116 votes; the Democratic candidate, 80,811. ⁴ Louisiana holds an open-primary election with candidates from all parties running on the same ballot. Any candidate who receives a majority is elected; if no candidate receives 50 percent, there is a run-off election in November between the top two finishers. ⁵ Candidate listed won seat in open-primary. ⁶ Both candidates in run-off election were Democrats. ⁷ The winning Democratic candidate received 94,300 votes; the Republican candidate, 94,248. ⁸ The winning candidate was Sanders, an Independent, who received 56 percent of the vote.

Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 48, No. 45, Nov. 10, 1990. (Copyright.)

No. 435. Representatives Elected, by Percent of Vote Cast for Winner and Major Party, 1970 to 1990, and by State, 1990

YEAR, REGION, DIVISION, AND STATE	TOTAL REPRESENTATIVES ELECTED				DEMOCRATS ELECTED				REPUBLICANS ELECTED				REPRESENTATIVES ELECTED WITH NO MAJOR PARTY OPPOSITION		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Democrats	Republicans
		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1980	435	78	83	294	243	35	35	173	192	43	28	121	54	39	15
1982	435	76	73	286	269	40	39	196	166	36	40	90	56	46	10
1984	435	58	56	321	253	39	38	182	182	25	18	139	68	54	14
1986	435	46	41	348	258	22	18	218	177	24	23	130	75	57	18
1988	435	37	34	364	260	21	15	224	175	16	19	140	80	60	20
1990, total	2435	249	68	318	267	25	40	202	167	23	28	116	81	48	33
Northeast	265	212	17	66	56	8	10	38	38	3	7	28	15	11	4
N.E.	224	27	3	14	18	4	1	11	7	2	2	3	5	5	
ME	2	1	-	1	1	-	-	1	1	1	-	-	-	-	-
NH	2	1	1	-	1	1	-	-	1	-	-	1	-	-	-
VT	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-
MA	11	2	-	9	10	2	-	8	1	-	-	1	5	5	-
RI	2	-	2	-	1	-	1	-	1	-	1	-	-	-	-
CT	6	2	-	4	3	1	-	2	3	1	-	2	-	-	-
M.A.	71	5	14	52	40	4	9	27	31	1	5	25	10	6	4
NY	34	2	6	26	21	2	3	16	13	3	10	5	3	2	-
NJ	14	2	2	10	8	2	2	4	6	-	-	6	2	2	-
PA	23	1	6	16	11	-	4	7	12	1	2	9	3	1	2
Midwest	113	12	15	86	68	6	8	54	45	6	7	32	13	7	6
E.N.C.	80	6	10	64	49	4	5	40	31	2	5	24	10	5	5
OH	21	1	2	18	11	1	-	10	10	2	2	8	1	1	-
IN	10	2	3	5	8	2	2	4	2	-	1	1	-	-	-
IL	22	1	2	19	15	1	2	12	7	-	-	5	2	3	-
MI	18	-	3	15	11	-	1	10	7	-	2	5	1	1	-
WI	9	2	-	7	4	-	-	4	5	2	-	3	3	1	2
W.N.C.	33	6	5	22	19	2	3	14	14	4	2	8	3	2	1
MN	8	1	-	7	6	1	-	-	2	1	-	2	-	-	-
IA	6	1	-	5	2	-	-	2	4	1	-	3	3	2	1
MO	9	3	3	3	6	1	2	3	3	2	1	-	-	-	-
ND	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-
SD	1	-	-	1	1	-	-	1	-	1	-	1	-	-	-
NE	3	1	1	1	1	-	1	-	2	1	-	1	-	-	-
KS	5	-	1	4	2	-	-	2	3	-	1	2	-	-	-
South	142	12	19	111	95	8	13	74	47	4	6	37	47	28	19
S.A.	69	8	13	48	45	5	8	32	24	3	5	16	15	9	6
DE	1	-	-	1	1	-	-	1	1	-	-	1	-	-	-
MD	8	-	2	6	5	-	1	4	3	-	1	2	-	-	-
VA	10	2	1	7	6	1	-	5	4	1	1	2	-	-	-
WV	4	1	1	2	4	1	1	2	4	-	-	3	1	-	-
NC	11	1	2	8	7	-	2	5	4	1	-	2	3	2	1
SC	6	-	1	5	4	1	1	3	2	-	-	2	-	-	-
GA	10	2	2	6	9	1	2	6	10	1	-	7	6	1	5
FL	19	2	4	13	9	2	1	6	10	-	3	7	11	6	5
E.S.C.	28	2	1	25	20	1	1	18	8	1	-	3	4	1	2
KY	7	1	-	6	4	1	-	3	3	-	-	3	3	2	2
TN	9	-	1	8	5	-	1	5	2	-	-	1	3	2	1
AL	7	1	-	6	5	-	-	5	2	1	-	1	1	1	-
MS	5	-	-	5	5	-	-	5	-	-	-	-	-	-	-
W.S.C.	45	2	5	38	30	2	4	24	15	-	1	14	21	13	8
AR	4	-	-	4	3	-	-	3	1	-	-	1	-	-	-
LA	8	1	-	7	4	1	-	3	4	-	-	4	8	4	4
OK	6	-	1	5	4	-	-	4	2	-	1	1	-	-	-
TX	27	1	4	22	19	1	4	14	8	-	-	8	13	9	4
West	85	13	17	55	48	3	9	36	37	10	8	19	6	2	4
Mt.	24	3	3	18	11	1	1	9	13	2	2	9	2	-	2
MT	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
ID	2	1	-	1	2	1	-	-	1	-	-	1	-	-	-
WY	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
CO	6	1	-	5	3	-	-	3	3	1	-	2	-	-	-
NM	3	-	-	3	1	-	-	1	2	-	-	2	1	-	-
AZ	5	-	1	4	1	-	-	1	4	-	1	3	1	-	1
UT	3	1	1	1	2	-	1	1	1	1	-	1	-	-	-
NV	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
Pac.	61	10	14	37	37	2	8	27	24	8	6	10	4	2	2
WA	8	2	2	4	5	1	1	3	3	1	1	1	1	1	-
OR	5	-	1	4	4	-	1	3	1	-	-	1	1	1	-
CA	45	7	11	27	26	1	6	19	19	6	5	8	3	3	2
AK	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-
HI	2	-	-	2	2	-	-	-	2	-	-	-	-	-	-

- Represents zero. ¹ Based on nearly complete, unofficial vote returns as compiled by source. ² Includes one Representative elected as an independent.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, DC, *America Votes*, biennial and Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 48, No. 45, Nov. 10, 1990 (copyright).

No. 436. Composition of Congress, by Political Party: 1961 to 1991

[D=Democratic, R=Republican. Data for beginning of first session of each Congress. Excludes vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973	R (Nixon)	93d	D-239	R-192	1	D-56	R-42	2
1975	R (Ford)	94th	D-291	R-144	-	D-60	R-37	2
1977	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1
1983	R (Reagan)	98th	D-269	R-165	-	R-54	D-46	-
1985	R (Reagan)	99th	D-252	R-182	-	R-53	D-47	-
1987	R (Reagan)	100th	D-258	R-177	-	D-55	R-45	-
1989	R (Bush)	101st	D-259	R-174	-	D-55	R-45	-
1991	R (Bush)	102nd	D-267	R-167	1	D-56	R-43	-

- Represents zero. ¹ Senate had 1 Independent and 1 Conservative-Republican. ² House had 1 Independent-Democrat. ³ Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). ⁴ Senate had 1 Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 437. U.S. Congress—Measures Introduced and Enacted and Time in Session: 1973 to 1989

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

ITEM	93rd Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80	97th Cong., 1981-82	98th Cong., 1983-84	99th Cong., 1985-86	100th Cong., 1987-88	101st Cong., 1989
Measures introduced	23,396	21,096	19,387	12,583	11,490	11,156	9,885	9,588	6,534
Bills	21,950	19,762	18,045	11,722	10,582	10,134	8,697	8,515	5,846
Joint resolutions	1,446	1,334	1,342	861	908	1,022	1,188	1,073	688
Measures enacted	774	729	803	736	529	677	493	761	242
Public	651	586	633	613	473	623	466	713	240
Private	123	141	170	123	56	54	17	48	2
HOUSE OF REPRESENTATIVES									
Number of days	318	311	323	326	303	266	281	298	147
Number of hours	1,487	1,788	1,898	1,876	1,420	1,705	1,794	1,659	749
Number of hours per day	4.7	5.7	5.9	5.8	4.7	6.4	6.4	5.6	5.1
SENATE									
Number of days	334	320	337	333	312	281	313	307	136
Number of hours	2,028	2,210	2,510	2,324	2,158	1,951	2,531	2,341	1,003
Number of hours per day	6.1	6.9	7.4	7.0	6.9	6.9	8.1	7.6	7.4

Source: U.S. Congress, *Congressional Record*, vol. 136, No. 1, *Daily Digest*, January 23, 1990 and prior issues.

No. 438. Congressional Bills Vetoed: 1961 to 1989

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon	42	24	18	36	6
1974-1977	Ford	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2
1981-1989	Reagan	78	39	39	69	9
1989	Bush	10	9	1	10	-

- Represents zero.

Source: U.S. Congress, Senate Library, *Presidential Vetoes ... 1789-1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 439. Composition of Congress, by Political Party Affiliation—States: 1985 to 1991

[Figures are for the beginning of the first session. Dem.=Democratic; Rep.=Republican]

REGION, DIVISION, AND STATE	REPRESENTATIVES								SENATORS							
	99th Cong., 1985		100th Cong., 1987		101st Cong., 1989		102nd Cong., 1991		99th Cong., 1985		100th Cong., 1987		101st Cong., 1989		102nd Cong., 1991	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	252	182	258	177	259	174	267	167	47	53	55	45	55	45	56	43
Northeast	54	41	55	40	55	40	56	38	9	9	9	9	10	8	10	8
N.E.	14	10	15	9	14	10	16	7	6	6	6	6	7	5	7	5
ME	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NH	-	2	-	2	-	2	1	1	-	2	-	2	-	2	-	2
VT	-	1	-	1	-	1	-	-	1	1	1	1	1	1	1	1
MA	10	1	10	1	10	1	10	1	2	-	2	-	2	-	2	-
RI	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
CT	3	3	3	3	3	3	3	3	1	1	1	1	2	-	2	-
M.A.	40	31	40	31	41	30	40	31	3	3	3	3	3	3	3	3
NY	19	15	20	14	21	13	21	13	1	1	1	1	1	1	1	1
NJ	8	6	8	6	8	6	8	6	2	-	2	-	2	-	2	-
PA	13	10	12	11	12	11	11	12	-	2	-	2	-	2	-	2
Midwest	61	51	62	51	64	46	68	45	12	12	13	11	13	11	14	10
E.N.C.	44	35	46	34	47	32	49	31	7	3	7	3	7	3	7	3
OH	11	10	11	10	11	10	11	10	2	-	2	-	2	-	2	-
IN	4	5	6	4	6	3	8	2	-	2	-	2	-	2	-	2
IL	13	9	13	9	14	8	15	7	2	-	2	-	2	-	2	-
MI	11	7	11	7	11	7	11	7	2	-	2	-	2	-	2	-
WI	5	4	5	4	5	4	5	4	1	1	1	1	1	1	1	1
W.N.C.	17	16	16	17	17	16	19	14	5	9	6	8	6	8	7	7
MN	5	3	5	3	5	3	6	2	-	2	-	2	-	2	-	2
IA	2	4	2	4	2	4	2	4	1	1	1	1	1	1	1	1
MO	6	3	5	4	5	4	6	3	1	1	2	-	2	-	2	-
ND	1	-	1	-	1	-	1	-	1	1	2	-	2	-	2	-
SD	1	-	1	-	1	-	1	-	2	-	2	-	2	-	2	-
NE	-	3	-	3	-	3	2	1	2	-	2	-	2	-	2	-
KS	2	3	2	3	2	3	2	3	-	2	-	2	-	2	-	2
South	93	49	96	46	95	46	95	47	18	14	23	9	22	10	22	10
S.A.	44	25	46	21	47	22	45	24	7	9	11	5	11	5	11	5
DE	1	1	1	-	1	-	1	-	1	1	1	1	1	1	1	1
MD	6	2	6	2	6	2	5	3	1	1	2	-	2	-	2	-
VA	4	6	5	5	5	5	6	4	-	2	-	2	-	2	-	2
WV	4	-	4	-	4	-	4	-	2	-	2	-	2	-	2	-
NC	6	5	8	3	8	3	7	4	-	2	-	2	-	2	-	2
SC	3	3	4	2	4	2	4	2	1	1	1	1	1	1	1	1
GA	8	2	8	2	9	1	9	1	1	1	2	-	2	-	2	-
FL	12	7	12	7	10	9	9	10	1	1	2	-	2	-	2	-
E.S.C.	18	10	19	9	18	9	20	8	5	3	6	2	5	3	5	3
KY	4	3	4	3	4	3	4	3	1	1	1	1	1	1	1	1
TN	6	3	6	3	6	3	6	3	2	-	2	-	2	-	2	-
AL	5	2	5	2	4	2	5	2	1	1	2	-	2	-	2	-
MS	3	2	4	1	4	1	5	-	1	1	1	1	-	2	-	2
W.S.C.	31	14	29	16	30	15	30	15	6	2	6	2	6	2	6	2
AR	3	1	3	1	3	1	3	1	2	-	2	-	2	-	2	-
LA	6	2	5	3	4	4	4	4	2	-	2	-	2	-	2	-
OK	5	1	4	2	4	2	4	2	1	1	1	1	1	1	1	1
TX	17	10	17	10	19	8	19	8	1	1	1	1	1	1	1	1
West	44	41	45	40	45	40	48	37	8	18	10	16	10	16	10	15
Mt.	7	17	9	15	9	15	11	13	5	11	6	10	6	10	6	10
MT	1	1	1	1	1	1	1	1	2	-	2	-	2	-	2	-
ID	1	1	1	1	1	1	2	-	-	2	-	2	-	2	-	2
WY	-	1	-	1	-	1	-	1	-	2	-	2	-	2	-	2
CO	2	4	3	3	3	3	3	3	1	1	1	1	1	1	1	1
NM	1	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1
AZ	1	4	1	4	1	4	1	4	1	1	1	1	1	1	1	1
UT	-	3	-	2	-	2	-	2	-	2	-	2	-	2	-	2
NV	1	1	1	1	1	1	1	1	-	2	1	1	2	-	2	-
Pac	37	24	38	25	36	25	37	24	3	7	4	6	4	6	4	5
WA	5	3	5	3	5	3	5	3	-	2	1	1	1	1	1	1
OR	3	2	3	2	3	2	4	1	-	2	-	2	-	2	-	2
CA	27	18	27	18	27	18	26	19	1	1	1	1	1	1	1	1
AK	-	1	-	1	-	1	-	1	-	2	-	2	-	2	-	2
HI	2	-	1	-	1	-	2	-	2	-	2	-	2	-	2	-

- Represents zero. ¹ Indiana had one vacancy. ² Alabama had one vacancy. ³ Vermont had one independent Representative. ⁴ Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 48, No. 45, November 10, 1990. (Copyright.) ⁵ California had one vacancy.

Source: Except as noted, U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial; and unpublished data.

No. 440. Members of Congress—Incumbents Re-elected: 1964 to 1988

ITEM	PRESIDENTIAL-YEAR ELECTIONS							MIDTERM ELECTIONS					
	1964	1968	1972	1976	1980	1984	1988	1966	1970	1974	1978	1982	1986
Representatives:													
Incumbent candidates	397	409	390	384	398	412	409	411	401	391	382	393	394
Re-elected	344	396	365	368	361	393	402	362	379	343	358	354	385
Percent of candidates	86.6	96.8	93.6	95.8	90.7	95.4	98.3	88.1	94.5	87.7	93.7	90.1	97.7
Defeated: In primaries	8	4	12	3	6	3	1	8	10	8	5	10	3
In general elections	45	9	13	13	31	16	6	41	12	40	19	29	6
Senators:													
Incumbent candidates	33	28	27	25	29	29	27	32	31	27	25	30	28
Re-elected	28	20	20	16	16	26	23	28	24	23	15	28	21
Percent of candidates	84.8	71.4	74.1	64.0	55.2	89.7	85.2	87.5	77.4	85.2	60.0	93.3	75.0
Defeated: In primaries	1	4	2	4	4	3	4	3	1	2	3	2	7
In general elections	4	4	5	9	9	3	4	1	6	2	7	2	7

- Represents zero. ¹ Six incumbents defeated in primaries by other incumbents due to redistricting.

Source: 1964-1982, Ornstein, Norman J., Thomas E. Mann, and Michael J. Malbin, *Vital Statistics on Congress, 1989-1990*, Congressional Quarterly, Inc., Washington, DC, 1990 and Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 46, No. 18, May 6, 1989 and selected prior issues. (Copyright.)

No. 441. Members of Congress—Selected Characteristics: 1977 to 1990

[As of beginning of first session of each Congress, except as noted. Figures for Representatives exclude vacancies]

MEMBERS OF CONGRESS AND YEAR	Male	Female	Black	Hispanic ¹	AGE (in years)						SENIORITY ²					
					Under 40	40-49	50-59	60-69	70-79	80 and over	Less than 2 years	2-9 years	10-19 years	20-29 years	30 years or more	
REPRESENTATIVES																
95th Cong., 1977	417	18	16	5	81	121	147	71	15	-	71	207	116	33	8	
96th Cong., 1979	417	16	16	5	86	125	145	63	14	-	80	206	105	32	10	
97th Cong., 1981	416	19	17	6	94	142	132	54	12	1	77	231	96	23	8	
98th Cong., 1983	413	21	21	8	86	145	132	57	13	1	83	224	88	28	11	
99th Cong., 1985	412	22	20	10	71	154	131	59	17	2	49	237	104	34	10	
100th Cong., 1987	412	23	23	11	63	153	137	56	24	2	51	221	114	37	12	
101st Cong., 1989	408	25	24	10	41	163	133	74	20	2	39	207	139	35	13	
101st Cong., 1990 ³	405	27	24	10	34	159	132	84	19	4	44	206	133	37	12	
SENATORS																
95th Cong., 1977	100	-	1	-	6	26	35	21	10	2	18	41	24	12	5	
96th Cong., 1979	99	1	-	-	10	31	33	17	8	1	20	41	23	12	4	
97th Cong., 1981	98	2	-	-	9	35	36	14	6	-	19	51	17	11	2	
98th Cong., 1983	98	2	-	-	7	28	39	20	3	3	5	61	21	10	3	
99th Cong., 1985	98	2	-	-	4	27	38	25	4	2	8	56	27	7	2	
100th Cong., 1987	98	2	-	-	5	30	36	22	5	2	14	41	36	7	2	
101st Cong., 1989	98	2	-	-	-	30	40	22	6	2	23	22	43	10	2	
101st Cong., 1990 ³	98	2	-	-	-	25	45	22	6	2	11	34	43	10	2	

- Represents zero. ¹ Source: National Association of Latino Elected and Appointed Officials, Washington, DC, *National Roster of Hispanic Elected Officials*, annual. ² Represents consecutive years of service. ³ As of beginning of second session.

Source: Except as noted, compiled by U.S. Bureau of the Census from data published in *Congressional Directory*, biennial.

No. 442. Congressional Staff, by Location of Employment: 1957 to 1987

[Excludes those persons employed in Congressional support agencies such as the U.S. General Accounting Office, the Library of Congress, and the Congressional Budget Office]

YEAR	PERSONAL STAFF		YEAR	STANDING COMMITTEE STAFF		LOCATION OF EMPLOYMENT	1979	1981	1983	1985	1987
	House	Senate		House	Senate						
1957	2,441	1,115	1960	440	470	Total	16,803	17,422	17,963	18,136	18,124
1967	4,055	1,749	1965	571	509	House of Representatives	10,743	11,217	11,537	11,636	11,703
1972	5,260	2,426	1970	702	635	Committee staff ²	2,027	1,917	2,068	2,146	2,136
1976	6,939	3,251	1976	1,680	1,201	Personal staff	7,067	7,487	7,606	7,528	7,584
1977	6,942	3,554	1977	1,776	1,028	Leadership staff	162	127	135	144	138
1978	6,944	3,266	1978	1,844	1,151	Officers of House, staff	1,487	1,686	1,728	1,818	1,845
1979	7,067	3,593	1979	1,909	1,269	Senate	5,922	6,079	6,303	6,369	6,289
1980	7,371	3,746	1980	1,917	1,191	Committee staff ²	1,410	1,150	1,176	1,178	1,207
1981	7,487	3,945	1981	1,843	1,022	Personal staff	3,593	3,945	4,059	4,097	4,075
1982	7,511	4,041	1982	1,839	1,047	Leadership staff	91	108	120	118	103
1983	7,606	4,059	1983	1,970	1,075	Officers of Senate, staff	828	878	948	976	904
1984	7,385	3,949	1984	1,944	1,095	Joint committee staff	138	126	123	131	132
1985	7,528	4,037	1985	2,009	1,080						
1986	7,920	4,374	1986	1,954	1,075						
1987	7,584	4,075	1987	2,024	1,074						

¹ House figure is average for year and Senate figure only covers period following implementation of Gramm-Rudman budget reductions. ² Covers standing, select and special committees.

Source: Ornstein, Norman J., Thomas E. Mann, and Michael J. Malbin, *Vital Statistics on Congress, 1989-1990*, Congressional Quarterly, Inc., Washington, DC, 1990 (copyright).

No. 443. Number of Governors, by Political Party Affiliation: 1970 to 1991

(Reflects results of elections in previous year and holdover incumbents)

YEAR	Democrat	Republican	Independent	YEAR	Democrat	Republican	Independent	YEAR	Democrat	Republican	Independent
1970.....	18	32	-	1982.....	27	23	-	1987.....	26	24	-
1975.....	36	13	1	1983.....	34	16	-	1988.....	27	23	-
1979.....	32	18	-	1984.....	35	15	-	1989.....	28	22	-
1980.....	31	19	-	1985.....	34	16	-	1990.....	29	21	-
1981.....	27	23	-	1986.....	34	16	-	1991.....	28	20	2

- Represents zero. ¹ Reflects result of runoff election in AZ in February 1991.Source: National Governors' Association, Washington, DC, *Directory of Governors of the American States, Commonwealths & Territories*, annual. (Copyright.)**No. 444. Vote Cast for and Governor Elected, by State: 1984 to 1990**

(In thousands, except percent. D=Democratic, R=Republican)

DIVISION AND STATE	1984		1985		1988		1990 ²		Candidate elected at most recent election ²
	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	
N. Eng.:									
ME.....	(X)	(X)	427	R-39.9	(X)	(X)	500	R-46.6	John R. McKernan Jr.
NH.....	384	R-66.8	251	R-53.7	442	R-60.4	277	R-63.5	Judd Gregg
VT.....	234	D-50.0	187	D-47.0	243	D-55.4	204	R-52.1	Richard A. Snelling
MA.....	(X)	(X)	1,684	D-68.7	(X)	(X)	2,050	R-51.6	William F. Weld
RI.....	408	R-60.0	323	R-64.7	401	R-50.8	343	D-74.4	Bruce Sundlun
CT.....	(X)	(X)	994	D-57.9	(X)	(X)	1,132	I-40.5	Lowell P. Weicker Jr.
Mid. Atl.:									
NY.....	(X)	(X)	4,294	D-64.6	(X)	(X)	3,948	D-53.2	Mario M. Cuomo
NJ ³	1,973	R-69.6	(X)	(X)	2,254	D-61.2	(X)	(X)	James J. Florio
PA.....	(X)	(X)	3,388	D-50.7	(X)	(X)	3,043	D-67.6	Robert P. Casey
E. No. Cent.:									
OH.....	(X)	(X)	3,067	D-60.6	(X)	(X)	3,451	R-55.8	George V. Voinovich
IN.....	2,198	R-52.2	(X)	(X)	2,141	D-53.2	(X)	(X)	Evan Bayh
IL.....	(X)	(X)	3,144	R-52.7	(X)	(X)	3,170	R-51.5	Jim Edgar
MI.....	(X)	(X)	2,397	D-68.1	(X)	(X)	2,494	R-50.3	John Engler
WI.....	(X)	(X)	1,527	R-52.7	(X)	(X)	1,376	R-58.2	Tommy G. Thompson
W. No. Cent.:									
MN.....	(X)	(X)	1,416	D-55.8	(X)	(X)	1,434	R-51.2	Arne Carlson
IA.....	(X)	(X)	911	R-51.9	(X)	(X)	960	R-60.8	Terry E. Branstad
MO.....	2,108	R-56.7	(X)	(X)	2,086	R-64.2	(X)	(X)	John Ashcroft
ND.....	314	D-55.3	(X)	(X)	299	D-59.9	(X)	(X)	George Sinner
SD.....	(X)	(X)	294	R-51.8	(X)	(X)	256	R-58.9	George S. Mickelson
NE.....	(X)	(X)	564	R-52.9	(X)	(X)	569	D-50.3	Ben Nelson
KS.....	(X)	(X)	841	R-51.9	(X)	(X)	712	D-53.4	Joan Finney
So. Atl.:									
DE.....	244	R-55.5	(X)	(X)	240	R-70.7	(X)	(X)	Michael N. Castle
MD.....	(X)	(X)	1,101	D-82.4	(X)	(X)	1,080	D-59.7	William Donald Schaefer
VA ³	1,343	D-55.2	(X)	(X)	1,789	D-50.1	(X)	(X)	Douglas Wilder
WV.....	742	R-53.3	(X)	(X)	650	D-58.9	(X)	(X)	Gaston Caperton
NC.....	2,227	R-54.3	(X)	(X)	2,180	R-56.1	(X)	(X)	James G. Martin
SC.....	(X)	(X)	754	R-51.0	(X)	(X)	730	R-71.3	Carroll A. Campbell Jr.
GA.....	(X)	(X)	1,175	D-70.5	(X)	(X)	1,433	D-52.9	Zell Miller
FL.....	(X)	(X)	3,386	R-54.6	(X)	(X)	3,425	D-56.6	Lawton Chiles
E. So. Cent.:									
KY ⁴	1,031	D-54.5	781	D-64.6	(X)	(X)	(X)	(X)	Wallace G. Wilkinson
TN.....	(X)	(X)	1,210	D-54.2	(X)	(X)	764	D-62.5	Ned McWherter
AL.....	(X)	(X)	1,236	R-56.3	(X)	(X)	1,199	R-51.8	Guy Hunt
MS ⁴	743	D-55.1	722	D-53.4	(X)	(X)	(X)	(X)	Ray Mabus
W. So. Cent.:									
AR.....	887	D-62.6	689	D-63.9	(X)	(X)	662	D-57.2	Bill Clinton
LA.....	5,161	D-62.3	5,159	R-33.1	(X)	(X)	(X)	(X)	Charles Roemer
OK.....	(X)	(X)	910	R-47.5	(X)	(X)	821	D-63.9	David Walters
TX.....	(X)	(X)	3,441	R-52.7	(X)	(X)	3,727	D-51.3	Ann W. Richards
Mt.:									
MT.....	379	D-70.3	(X)	(X)	367	R-51.9	(X)	(X)	Stan Stephens
ID.....	(X)	(X)	387	D-49.9	(X)	(X)	296	D-67.5	Cecil D. Andrus
WY.....	(X)	(X)	165	D-54.0	(X)	(X)	180	D-65.3	Mike Sullivan
CO.....	(X)	(X)	1,059	D-58.2	(X)	(X)	987	D-83.3	Roy Romer
NM.....	(X)	(X)	395	R-53.0	(X)	(X)	411	D-54.4	Bruce King
AZ.....	(X)	(X)	887	R-39.7	(X)	(X)	941	R-52.4	Fife Symington
UT.....	630	R-55.9	(X)	(X)	649	R-40.1	(X)	(X)	Norman H. Bangert
NV.....	(X)	(X)	260	D-71.9	(X)	(X)	312	D-66.5	Bob Miller
Pac.:									
WA.....	1,889	D-53.3	(X)	(X)	1,875	D-62.2	(X)	(X)	Booth Gardner
OR.....	(X)	(X)	1,060	D-51.9	(X)	(X)	1,019	D-46.1	Barbara Roberts
CA.....	(X)	(X)	7,444	R-60.5	(X)	(X)	7,001	R-48.7	Pete Wilson
AK.....	(X)	(X)	180	D-47.3	(X)	(X)	164	I-38.8	Walter J. Hickel
HI.....	(X)	(X)	334	D-52.0	(X)	(X)	270	D-61.6	John Waihee III

X Not applicable. ¹ Includes minor party and scattered votes. ² Unofficial vote returns compiled by Congressional Quarterly from various sources, including The Associated Press. Source: Congressional Quarterly, Inc., Washington, DC, *Congressional Quarterly Weekly Report*, vol. 48, No. 45, Nov. 10, 1990. (Copyright.) ³ Voting years 1985 and 1989. ⁴ Voting years 1983 and 1987. ⁵ Primary elections in Oct. 1983 and Oct. 1987, held on a non-party basis. Winner was Democratic. Runner-up in 1987 withdrew from runoff. ⁶ Result of runoff election in February 1991.

Source: Except as noted, Elections Research Center, Washington, DC, *America Votes*, biennial and unpublished data. (Copyright.)

No. 445. Composition of State Legislatures, by Political Party Affiliation: 1982 to 1988

[Data reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem. = Democrat, Rep. = Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

STATE	LOWER HOUSE								UPPER HOUSE							
	1982 ^{1 2}		1984 ^{3 4}		1986 ^{5 6}		1988 ^{7 8}		1982 ^{1 9}		1984 ^{3 10}		1986 ^{5 11}		1988 ^{7 12}	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	3,429	2,006	3,136	2,316	3,294	2,164	3,277	2,176	1,210	725	1,187	753	1,177	762	1,192	751
AL ¹³	97	8	87	12	89	16	85	17	32	3	28	4	30	5	28	6
AK ¹⁴	19	21	21	18	24	16	23	17	9	11	9	11	8	12	8	12
AZ ¹⁵	21	39	22	38	24	36	26	34	12	18	12	18	11	19	13	17
AR ¹⁴	93	7	91	9	91	9	88	11	32	3	31	4	31	4	31	4
CA ¹⁴	48	32	47	33	44	36	46	33	25	14	25	15	23	15	24	15
CO ¹⁴	25	40	18	47	25	40	26	39	21	11	14	24	10	25	11	24
CT ¹⁵	87	64	66	85	92	59	89	63	23	13	12	24	25	11	23	13
DE ¹⁴	24	17	19	22	19	22	18	23	13	8	13	8	13	8	13	8
FL ¹⁴	84	36	77	43	75	45	73	47	32	8	32	8	25	15	23	17
GA ¹⁵	156	24	154	26	153	27	144	36	49	7	47	9	46	10	45	11
HI ¹⁴	43	8	40	11	40	10	45	6	20	5	21	4	20	5	22	3
ID ¹⁵	19	51	17	67	20	64	20	64	14	21	14	28	16	26	19	23
IL ¹⁴	70	48	67	51	67	51	67	51	33	26	31	28	31	28	31	28
IN ¹⁴	43	57	39	61	48	52	50	50	18	32	20	30	19	30	24	26
IA ¹⁴	60	40	60	40	58	42	61	39	28	22	29	21	30	20	30	20
KS ¹⁴	53	72	49	76	51	74	58	67	16	24	16	24	16	24	18	22
KY ¹⁴	76	24	74	26	71	29	72	28	28	10	28	10	29	9	30	8
LA ¹³	93	11	91	14	87	15	86	17	38	1	38	1	34	5	34	5
ME ¹⁵	92	59	85	66	86	65	97	54	23	10	24	11	20	15	20	15
MD ¹³	124	17	124	17	124	17	125	16	41	6	41	6	40	7	40	7
MA ¹⁵	129	29	126	34	127	33	128	32	33	7	32	8	32	8	32	8
MI ¹⁴	63	47	57	53	64	46	61	49	20	18	18	19	18	20	18	20
MN ¹⁴	77	57	65	69	83	51	80	53	42	25	42	24	47	20	44	23
MS ¹³	116	5	116	6	113	9	112	9	49	3	49	3	45	7	44	8
MO ¹⁴	110	53	108	55	111	52	104	58	22	12	21	13	21	13	22	12
MT ¹⁴	55	45	50	50	49	51	52	48	24	26	28	22	25	25	23	27
NE ¹⁴	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)
NV ¹⁴	23	19	17	25	29	13	30	12	17	4	13	8	9	12	8	13
NH ¹⁵	158	237	102	297	132	268	119	281	9	15	6	18	8	16	8	16
NJ ¹⁴	44	36	30	50	39	41	44	36	23	17	23	17	24	16	22	17
NM ¹⁴	46	24	42	28	47	23	45	25	23	19	21	21	21	21	26	16
NY ¹⁵	97	52	94	56	92	56	92	56	26	35	26	35	25	36	27	34
NC ¹⁵	102	18	82	38	84	36	74	46	44	6	38	12	40	10	37	13
ND ¹⁴	55	51	42	64	45	61	45	61	21	32	24	29	27	26	32	21
OH ¹⁴	62	37	58	40	60	39	59	40	17	16	15	18	15	18	14	19
OK ¹⁴	76	25	69	32	70	31	68	32	34	14	34	14	30	17	33	15
OR ¹⁴	36	24	34	26	31	29	32	28	21	9	18	12	17	13	19	11
PA ¹⁴	103	100	103	100	103	100	104	99	23	27	23	27	23	26	23	27
RI ¹⁵	85	15	77	21	80	20	83	17	29	21	38	12	38	12	41	9
SC ¹⁴	103	20	96	27	92	32	87	37	39	6	36	10	36	10	35	11
SD ¹⁵	16	54	13	57	22	48	24	46	9	26	10	25	11	24	15	20
TN ¹⁴	80	37	62	37	61	38	59	40	22	11	23	10	23	10	22	11
TX ¹⁴	114	36	98	52	94	56	93	57	26	5	25	6	25	6	23	8
UT ¹⁴	17	58	14	61	27	48	28	47	5	24	6	23	8	21	7	22
VT ¹⁵	65	83	72	78	74	75	74	76	13	17	18	12	19	11	16	14
VA ¹⁴	65	34	65	33	64	35	59	39	32	8	31	8	30	10	30	10
WA ¹⁴	54	44	53	45	61	37	63	35	26	23	27	22	25	24	24	25
WV ¹⁴	87	13	73	27	78	22	81	19	31	3	30	4	27	7	29	5
WI ¹⁴	59	40	52	47	54	45	56	43	19	14	19	14	20	11	20	13
WY ¹⁴	25	38	18	46	20	44	23	41	11	19	11	19	11	19	11	19

¹ Status as of August 1983, except for KY, LA, MS, NJ, and VA which are as of Jan. 1984 and reflect elections held in 1983.
² Excludes 1 Independent each for LA, TN, VA, and WY; 2 Independents for NH; 1 vacancy each for MS, NY, SC, and TN; 2 vacancies each for MA and VT; and 3 vacancies for NH.
³ Status as of Jan. 1985, except for NJ and VA which are as of Jan. 1986 and reflect elections held in 1985.
⁴ Excludes 1 Independent for RI; 2 Independents for VA; 5 Independents for AL; 1 Libertarian for AK; and 1 vacancy each for AL, NH, OH, RI, and SC.
⁵ Status as of Jan. 1, 1987, except for KY, LA, MS, NJ, and VA which are as of Jan. 1988 and reflect elections held in 1987.
⁶ Excludes 1 Independent each for VT and NJ; 2 Liberals for NY; 1 vacancy each for HI and KY; and 3 vacancies for LA.
⁷ Status as of Jan. 1989, except for NJ and VA which are as of Jan. 1990.
⁸ Excludes 1 Independent for AR; 2 Independents for VA; 1 Independent Democrat for MS; 1 vacancy each for CA, MN, MO and OK; 2 vacancies for LA; and 3 vacancies for AL.
⁹ Excludes 1 Independent for CA and 1 vacancy for SC.
¹⁰ Excludes 3 Independents for AL, and 1 vacancy each for MI, MN, and VA.
¹¹ Excludes 1 Independent for CA; 1 vacancy each for CA, IN, OK, and PA; and 2 vacancies for WI.
¹² Excludes 1 Independent for CA and 1 vacancy each for AL and NJ.
¹³ Members of both houses serve 4-year terms.
¹⁴ Upper House members serve 4-year terms and Lower House members serve 2-year terms.
¹⁵ Members of both houses serve 2-year terms.
¹⁶ Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, KY, 1982-1984, *Book of the States*, biennial; beginning 1986, *State Elective Officials and the Legislatures*, biennial. (Copyright.)

No. 446. Political Party Control of State Legislatures, by Party: 1961 to 1990

[As of beginning of year. Until 1972 there were two non-partisan legislatures in Minnesota and Nebraska. Since then only Nebraska has had a non-partisan legislature]

YEAR	LEGISLATURES UNDER—			YEAR	LEGISLATURES UNDER—			YEAR	LEGISLATURES UNDER—		
	Democrat control	Split control or tie	Republican control		Democrat control	Split control or tie	Republican control		Democrat control	Split control or tie	Republican control
1961...	27	6	15	1973...	27	6	16	1985...	27	11	11
1963...	25	7	16	1975...	37	7	5	1987...	28	12	9
1965...	32	10	6	1977...	36	8	5	1989 ² ...	28	13	8
1967...	24	8	16	1979...	30	7	12	1990...	29	11	9
1969...	20	8	20	1981...	28	6	15				
1971...	23	9	16	1983 ¹ ...	34	4	11				

¹ Two 1984 mid-term recall elections resulted in a change in control of the Michigan State senate. At the time of the 1984 election, therefore, Democrats controlled 33 legislatures. ² A party change during the year by a Democratic representative broke the tie in the Indiana House of Representatives, giving the Republicans control of both chambers.

Source: National Conference of State Legislatures, Denver, CO, *State Legislatures*, May 1990.

No. 447. Black Elected Officials, by Office, 1970 to 1990, and by Region and State, 1990

[As of January 1990, no Black elected officials had been identified in Idaho, Montana, or North Dakota]

REGION, DIVISION, AND STATE	Total	U.S. and State legislatures	City and county offices ²	Law enforcement ³	Education ⁴	REGION, DIVISION, AND STATE	Total	U.S. and State legislatures	City and county offices ²	Law enforcement ³	Education ⁴
1970 (Feb.)	1,479	179	719	213	368	IA	14	1	6	1	6
1975 (Apr.)	3,522	299	1,885	387	951	MO	169	18	119	14	18
1976 (Apr.)	4,006	299	2,284	415	1,008	SD	3		3	-	-
1977 (July)	4,342	316	2,509	451	1,066	NE	4	1	1	-	2
1978 (July)	4,544	316	2,616	458	1,154	KS	23	4	9	2	8
1979 (July)	4,636	315	2,675	491	1,155	South S.A.	4,955	233	3,362	431	929
						DE	22	3	13	1	5
1980 (July)	4,963	326	2,871	534	1,232	MD	118	28	70	16	4
1981 (July)	5,109	343	2,914	559	1,293	DC	235	1	226	-	8
1982 (July)	5,241	342	3,017	573	1,309	VA	149	11	127	11	-
1983 (July)	5,719	366	3,283	620	1,430	WV	25	1	20	4	-
1984 (Jan.)	5,865	396	3,367	657	1,445	NC	453	17	324	28	84
1985 (Jan.)	6,312	407	3,689	685	1,531	SC	396	21	237	6	132
1986 (Jan.)	6,384	410	3,800	676	1,498	GA	495	31	352	23	89
1987 (Jan.)	6,646	428	3,949	727	1,542	FL	177	11	124	23	19
1988 (Jan.)	6,793	424	4,089	738	1,542	E.S.C.	1,593	63	1,126	169	235
1989 (Jan.)	7,191	441	4,388	760	1,602	KY	70	2	53	5	10
1990 (Jan.)	7,335	440	4,481	769	1,645	TN	149	14	97	16	22
Northeast	725	77	279	101	268	AL	705	23	526	67	89
N.E.	119	24	66	3	26	MS	669	24	450	81	114
ME	2	-	2	-	-	W.S.C.	1,292	46	743	150	353
NH	2	2	-	-	-	AR	344	6	190	43	105
VT	2	2	-	-	-	LA	527	20	313	65	129
MA	36	6	19	1	10	OK	116	5	85	2	24
RI	11	6	4	-	1	TX	305	15	155	40	95
CT	66	8	41	2	15	West.	361	35	104	98	124
M.A.	606	53	213	98	242	Mt.	44	12	11	10	11
NY	263	25	52	48	138	WY	2	1	-	-	1
NJ	201	9	114	-	78	CO	14	4	3	5	2
PA	142	19	47	50	26	NM	6	3	2	2	1
Midwest	1,294	95	738	139	324	AZ	11	3	3	-	5
E.N.C.	1,069	70	595	117	287	UT	1	-	-	-	-
OH	209	14	123	27	45	NV	10	3	3	2	2
IN	68	7	48	4	9	Pac.	317	23	93	88	113
IL	461	25	286	24	126	WA	20	3	8	5	4
MI	309	19	129	58	103	OR	11	3	5	2	1
WI	22	5	9	4	4	CA	281	16	78	81	106
W.N.C.	225	25	141	22	37	AK	4	1	2	-	1
MN	12	1	3	5	3	HI	1	-	-	-	1

- Represents zero. ¹ Includes elected State administrators. ² County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. ³ Judges, magistrates, constables, marshalls, sheriffs, justices of the peace, and other. ⁴ Members of State education agencies, college boards, school boards and other.

Source: Joint Center for Political Studies, Washington, DC, *Black Elected Officials: A National Roster*, annual. (Copyright.)

No. 448. Hispanic Public Officials, by Office, 1984 to 1989, and by State, 1989

[For States not shown, no Hispanic public officials had been identified]

REGION, DIVISION, AND STATE	Total	State execu- tives and legis- lators	County and munici- pal officials	Judicial and law enforce- ment	Educa- tion and school boards	REGION, DIVISION, AND STATE	Total	State execu- tives and legis- lators	County and munici- pal officials	Judicial and law enforce- ment	Educa- tion and school boards
1984 (July)	3,063	110	1,276	495	1,173	South	1,772	36	745	369	617
1985 (Sept.)	3,147	119	1,316	517	1,185	S.A	166	11	40	11	3
1986 (Sept.)	3,202	122	1,352	530	1,188	DE	2	-	2	-	-
1987 (Sept.)	3,317	127	1,412	568	1,199	MD	1	-	1	-	-
1988 (Sept.)	3,380	124	1,425	574	1,228	SC	1	-	1	-	-
1989 (Sept.)	3,783	133	1,724	575	1,341	FL	162	11	36	11	3
Northeast	159	13	44	6	95	W.S.C	1,706	25	705	358	614
N.E	25	5	13	-	-	AR	1	-	-	-	1
MA	7	1	4	-	2	LA	7	-	2	5	-
RI	1	1	-	-	-	OK	5	-	2	1	2
CT	17	3	9	-	5	TX	1,693	25	701	352	611
M.A	134	8	31	6	88	West	1,758	78	878	189	609
NY	71	6	8	5	51	Mt.	1,147	68	637	131	310
NJ	53	1	20	-	32	MT	4	1	1	-	-
PA	10	1	3	1	5	ID	1	-	1	-	-
Midwest	94	6	57	11	20	WY	10	-	9	-	1
E.N.C	73	4	43	9	17	CO	208	11	141	5	51
OH	8	-	4	2	2	NM	1647	45	354	82	165
IN	9	1	6	1	1	AZ	268	10	125	41	92
IL	41	3	24	3	11	UT	4	-	4	-	-
MI	10	-	6	2	2	NV	5	1	2	2	-
WI	5	-	3	1	1	Pac	1611	10	241	58	299
W.N.C	21	2	14	2	3	WA	18	2	9	2	5
MN	5	-	2	2	1	OR	10	-	6	3	1
IA	1	-	1	-	-	CA	1580	7	224	53	293
MO	4	-	4	-	-	AK	2	1	1	-	-
NE	4	-	4	-	-	HI	1	-	1	-	-
KS	7	2	3	-	2						

- Represents zero. ¹ Includes U.S. Representatives, not shown separately.

Source: National Association of Latino Elected and Appointed Officials, Washington, DC, *National Roster of Hispanic Elected Officials*, annual.

No. 449. Women Holding State and Local Public Offices, by Office and State: 1985 to 1990

[For data on women in U.S. Congress, see table 441]

STATE	State- wide execu- tive office, ^{1,2} 1990	State legisla- ture, 1990	County gov- erning boards, 1988	Mayors and municipal council members, 1985	STATE	State- wide execu- tive office, ^{1,2} 1990	State legisla- ture, 1990	County gov- erning boards, 1988	Mayors and municipal council members, 1985
U.S	46	1,273	1,653	14,672	Missouri	1	29	17	-
Alabama	1	8	7	281	Montana	2	27	18	110
Alaska	-	12	17	233	Nebraska	1	10	27	241
Arizona	3	27	8	87	Nevada	1	14	10	15
Arkansas	2	10	71	365	New Hampshire	-	136	8	113
California	1	19	56	465	New Jersey	-	13	15	451
Colorado	2	29	18	315	New Mexico	1	15	17	86
Connecticut	2	41	(X)	240	New York	-	23	131	797
Delaware	1	10	2	57	North Carolina	-	24	45	337
District of Columbia	(X)	(X)	(X)	7	North Dakota	2	24	11	174
Florida	1	26	51	311	Ohio	1	17	25	1,129
Georgia	-	24	28	251	Oklahoma	-	13	5	312
Hawaii	-	18	8	3	Oregon	2	18	20	344
Idaho	1	31	14	141	Pennsylvania	2	17	35	-
Illinois	-	33	152	-	Rhode Island	1	23	(X)	30
Indiana	2	21	10	-	South Carolina	-	15	36	184
Iowa	2	25	35	732	South Dakota	2	20	18	149
Kansas	1	42	24	445	Tennessee	-	13	117	144
Kentucky	-	8	17	-	Texas	1	19	30	786
Louisiana	1	3	32	183	Utah	-	12	2	137
Maine	-	58	3	243	Vermont	1	60	(X)	87
Maryland	-	43	21	133	Virginia	1	15	49	211
Massachusetts	1	34	5	217	Washington	1	43	15	341
Michigan	1	22	123	2,779	West Virginia	-	26	11	202
Minnesota	2	37	37	542	Wisconsin	-	34	241	-
Mississippi	-	10	8	176	Wyoming	2	22	5	86

- Represents zero. X Not applicable. ¹ As of July. ² Excludes women elected to the judiciary, women appointed to State cabinet-level positions, women elected to executive posts by the legislature, and elected members of university Board of Trustees or board of education.

Source: Center for the American Woman and Politics, Eagleton Institute of Politics, Rutgers University, New Brunswick, NJ, information releases.

No. 450. Voting-Age Population, and Percent Reporting Registered and Voted: 1974 to 1988

[As of November. Covers civilian noninstitutional population 18 years old and over. Includes aliens. Figures are based on Current Population Survey (see text, section 1, and Appendix III) and differ from those in table 453 based on population estimates and official vote counts]

CHARACTERISTIC	VOTING-AGE POPULATION (mil.)							PERCENT REPORTING THEY REGISTERED							PERCENT REPORTING THEY VOTED									
	1974	1976	1978	1980	1982	1984	1986	1988	Presidential election years			Congressional election years				Presidential election years			Congressional election years					
									1976	1980	1984	1988	1974	1978	1982	1986	1976	1980	1984	1988	1974	1978	1982	1986
Total ¹	141.3	146.5	151.6	157.1	165.5	170.0	173.9	176.1	66.7	66.9	68.3	66.6	62.2	62.6	64.1	64.3	59.2	59.2	59.9	57.4	44.7	45.9	48.5	46.0
18-20 years old	11.6	12.1	12.2	12.3	12.1	11.2	10.7	10.7	14.8	14.8	15.7	14.8	54.8	52.7	54.3	50.6	45.3	45.1	47.8	46.6	38.0	38.0	38.0	38.0
21-24 years old	14.1	14.8	15.5	15.9	16.7	16.7	15.7	14.8	54.8	54.8	54.3	53.1	47.8	46.6	45.3	45.1	47.8	46.6	45.3	38.0	38.0	38.0	38.0	
25-34 years old	29.3	31.7	33.4	35.7	38.8	40.3	41.9	42.7	62.3	62.3	63.3	57.8	57.8	57.5	57.5	57.5	57.5	57.5	57.5	48.0	48.0	48.0	48.0	
35-44 years old	22.4	22.8	24.2	25.6	28.1	30.7	33.0	35.2	69.8	69.8	70.6	69.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	54.5	54.5	54.5	54.5	
45-54 years old	43.0	43.3	43.4	43.6	44.2	44.3	44.8	45.9	75.5	75.5	76.6	75.5	73.6	74.3	75.6	74.8	68.7	69.3	69.9	67.9	56.9	58.5	63.2	
55 years old and over	21.0	22.0	23.0	24.1	25.6	26.7	27.7	28.8	71.4	74.6	76.9	78.4	70.2	72.8	75.2	76.9	62.2	65.1	67.7	68.8	51.4	53.9	60.9	
Male	66.4	69.0	71.5	74.1	76.0	80.3	82.4	84.5	67.1	66.6	67.3	65.2	62.8	62.6	63.7	63.4	59.6	59.1	59.0	56.4	46.2	46.6	48.7	
Female	74.9	77.6	80.2	83.0	87.4	89.6	91.5	93.6	66.4	67.1	68.3	67.8	61.7	62.5	64.4	65.0	58.6	59.4	60.8	58.3	43.4	45.3	48.4	
White	125.1	129.3	133.4	137.7	143.6	146.8	149.9	152.9	88.3	88.4	89.6	87.9	83.5	83.8	85.6	85.3	80.9	80.9	81.4	59.1	46.3	47.3	49.9	
Black	14.2	14.9	15.6	16.4	17.6	18.4	19.0	19.7	58.5	60.0	66.3	64.5	54.9	57.1	59.1	64.0	67.7	50.5	55.8	51.5	33.8	37.2	43.0	
Hispanic ²	6.1	6.6	6.8	8.2	8.8	9.5	11.8	12.9	37.8	36.3	40.1	35.5	34.9	32.9	35.3	35.9	31.8	29.9	32.6	28.8	22.9	23.5	24.2	
Region: ³																								
Northeast	33.3	33.9	35.1	35.5	36.4	36.9	37.3	37.9	65.9	64.8	66.6	64.8	62.2	62.3	62.5	62.0	59.5	58.5	59.7	57.4	48.7	48.1	49.8	
Midwest	38.1	39.2	40.3	41.5	41.9	42.1	42.8	43.3	72.3	73.8	74.6	72.5	66.6	68.2	71.1	70.7	65.1	65.8	65.7	62.9	49.3	50.5	51.8	
South	44.8	47.1	48.8	50.6	55.4	57.6	59.2	60.7	64.6	64.8	66.9	65.6	59.8	60.1	61.7	63.0	54.9	55.6	56.8	54.5	36.0	39.6	41.4	
West	25.0	26.2	27.5	29.5	31.9	33.4	34.6	36.2	63.2	63.3	64.7	63.0	59.8	59.1	60.6	60.8	57.5	57.2	58.5	55.6	48.1	47.5	50.7	
School years completed:																								
8 years or less	24.4	24.9	23.6	22.7	22.4	20.6	19.6	19.1	54.4	53.0	53.4	47.5	54.1	53.2	52.3	50.5	44.1	42.6	42.9	36.7	34.4	34.6	35.7	
High school:																								
1-3 years	21.7	22.2	22.3	22.5	22.3	22.1	21.4	21.1	55.6	54.6	54.9	52.8	54.3	52.9	53.3	52.4	47.2	45.6	44.4	41.3	35.9	35.1	37.7	
4 years	51.7	55.7	58.4	61.2	65.2	67.8	68.6	70.0	66.9	66.4	67.3	64.6	61.9	62.0	62.9	62.9	59.4	58.9	58.7	54.7	44.7	45.3	47.1	
College:																								
1-3 years	23.7	23.6	25.1	26.7	28.8	30.9	33.0	34.3	75.2	74.4	75.7	73.5	66.9	68.7	70.0	70.0	68.1	67.2	67.5	64.5	49.6	51.5	53.3	
4 years or more	19.8	20.2	22.2	24.0	26.9	28.6	31.3	33.6	83.7	84.3	83.8	83.1	76.0	76.9	79.4	77.8	79.8	79.9	79.1	77.6	61.3	63.9	66.5	
Employed	83.1	86.0	93.2	95.0	97.2	104.2	108.5	113.8	68.8	68.7	69.4	67.1	63.8	63.0	65.5	64.4	62.0	61.8	61.6	58.4	46.8	46.7	50.0	
Unemployed	50.6	64.4	4.9	6.9	10.8	7.4	6.6	5.8	52.1	50.3	54.3	50.4	44.4	49.8	50.6	43.7	41.2	44.0	38.6	28.8	27.4	34.1		
Not in labor force	53.2	54.1	53.5	55.2	57.5	58.4	58.8	58.5	65.2	65.8	68.1	67.2	61.3	63.4	64.3	65.4	56.5	57.0	58.9	43.0	46.2	48.7		

¹ Includes other races not shown separately. ² Hispanic persons may be of any race. ³ For composition of regions, see fig. 1, inside front cover.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 440 and earlier reports.

No. 451. Voter Registration—Registered Voters, 1980 to 1988, and Registration Deadlines and Residency Requirements, 1988

[Registration figures are based on final and official registration statistics provided by Secretaries of State and State Registrars. The accuracy of registration figures varies according to the stringency of purges conducted in each State and locality. There is, therefore, some inflation in these figures, although the trends between years are likely to be accurate]

STATE	1980		1984		Regis- tration dead- line ¹ (days)	Resi- dency re- quire- ment ² (days)	1988				Votes cast				
	Registered voters (1,000)	Per- cent regis- tered of voting age popu- lation	Registered voters (1,000)	Per- cent regis- tered of voting age popu- lation			Registered voters		Percent of total registered	Number (1,000)	Per- cent of vot- ing- age popu- lation	Demo- crats	Re- publi- cans	Num- ber (1,000)	Per- cent of regis- tered voters
							Total ³								
U.S.	⁴ 114,802	⁶ 69.8	⁴ 126,997	⁶ 72.8	(X)	(X)	⁴ 129,800	⁴ 71.1	(NA)	(NA)	(NA)	91,595	70.6		
AL.	2,132	77.4	2,343	81.0	10	(⁵)	2,380	79.1	(NA)	(NA)	(NA)	1,378	57.9		
AK.	259	94.0	305	87.7	30	30	294	76.3	20.5	20.7	200	68.1			
AZ.	1,121	57.1	1,463	64.8	50	50	1,798	69.0	42.7	45.7	1,172	65.2			
AR.	1,186	72.9	1,268	74.4	20	(⁵)	1,203	68.3	(NA)	(NA)	828	68.8			
CA.	11,361	64.8	13,074	68.5	29	29	14,005	67.1	50.4	38.6	9,887	70.6			
CO.	1,434	67.6	1,621	69.1	25	32	2,030	81.5	30.5	32.9	1,372	67.6			
CT.	1,706	74.1	1,806	75.0	21	(⁵)	1,784	71.6	39.1	27.1	1,443	80.9			
DE.	301	69.7	314	68.6	(⁵)	(⁵)	318	65.0	43.6	36.1	250	78.5			
DC.	289	58.5	275	56.3	30	(⁵)	300	61.3	79.3	8.8	193	64.3			
FL.	4,810	63.6	5,574	64.6	30	(⁵)	6,047	62.9	54.0	39.0	4,302	71.1			
GA.	2,377	61.4	2,732	64.6	30	(⁵)	2,941	63.1	(NA)	(NA)	1,810	61.5			
HI.	403	57.9	419	55.3	30	(⁵)	444	53.9	(NA)	(NA)	354	79.9			
ID.	581	90.1	582	84.5	10	30	572	81.7	(NA)	(NA)	409	71.4			
IL.	6,230	75.7	6,470	76.7	28	30	6,357	74.4	(NA)	(NA)	4,559	71.7			
IN.	2,944	75.7	3,054	76.4	29	30	2,866	70.5	(NA)	(NA)	2,169	75.7			
IA.	1,717	81.9	1,729	81.5	10	(⁵)	1,690	81.7	36.1	31.1	1,226	72.5			
KS.	1,291	74.7	1,291	72.1	20	(⁵)	1,266	69.2	28.5	41.3	993	78.4			
KY.	1,759	67.8	2,023	75.0	30	30	2,026	73.8	67.2	29.4	1,323	65.3			
LA.	2,015	69.1	2,262	72.4	24	(⁵)	2,228	70.2	75.2	16.4	1,628	73.1			
ME.	760	93.8	811	94.7	(⁵)	(⁵)	855	95.7	(NA)	(NA)	555	64.9			
MD.	2,065	67.0	2,253	69.1	29	(⁵)	2,310	66.2	64.2	27.6	1,714	74.2			
MA.	3,153	73.7	3,254	73.0	28	(⁵)	3,275	72.2	(NA)	(NA)	2,633	80.4			
MI.	5,726	87.7	5,889	89.4	30	30	5,953	87.7	(NA)	(NA)	3,669	61.6			
MN.	2,353	80.3	2,893	94.9	(⁵)	20	2,917	92.3	(NA)	(NA)	2,097	71.9			
MS.	1,482	86.1	1,670	92.6	30	30	1,596	85.5	(NA)	(NA)	932	58.4			
MO.	2,841	79.5	2,969	80.3	20	(⁵)	2,942	77.0	(NA)	(NA)	2,094	71.2			
MT.	496	88.7	527	89.6	30	30	506	86.3	(NA)	(NA)	366	72.3			
NE.	856	75.8	903	77.2	(⁵)	(⁵)	899	77.0	42.1	50.7	661	73.6			
NV.	297	49.4	356	52.0	30	30	445	57.0	47.0	42.4	350	78.7			
NH.	523	77.9	544	74.1	10	10	650	79.0	30.4	38.9	451	69.3			
NJ.	3,766	69.5	4,073	71.3	29	30	4,011	67.5	(NA)	(NA)	3,100	77.3			
NM.	653	72.6	651	65.4	28	(⁵)	675	61.3	58.5	35.4	521	77.3			
NY.	7,898	61.1	9,044	67.7	30	30	8,612	63.9	(NA)	(NA)	6,486	75.3			
NC.	2,775	65.0	3,271	71.1	¹⁰ 21	30	3,432	69.9	(NA)	(NA)	2,134	62.2			
ND.	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)	30	(¹¹)	(¹¹)	(¹¹)	(¹¹)	297	(X)			
OH.	5,887	76.1	6,358	80.9	29	30	6,323	79.3	(NA)	(NA)	4,394	69.5			
OK.	1,458	66.2	1,950	81.2	10	(⁵)	2,199	91.5	65.3	32.1	1,171	53.3			
OR.	1,569	81.4	1,609	80.8	21	20	1,524	74.3	48.3	38.7	1,202	78.8			
PA.	5,754	65.5	6,194	68.9	30	30	5,876	64.9	52.2	42.9	4,536	77.2			
RI.	531	74.9	542	73.5	30	30	549	71.8	(NA)	(NA)	405	73.7			
SC.	1,236	55.8	1,396	58.4	30	30	1,438	56.7	(NA)	(NA)	986	68.6			
SD.	448	91.9	443	87.9	15	(⁵)	440	86.5	42.8	49.2	313	71.1			
TN.	2,149	64.6	2,580	73.9	29	20	2,417	66.0	(NA)	(NA)	1,636	67.7			
TX.	6,640	65.6	7,900	69.2	30	30	8,202	66.8	(NA)	(NA)	5,427	66.2			
UT.	782	83.3	840	82.1	20	30	807	74.9	(NA)	(NA)	647	80.2			
VT.	312	84.3	322	82.2	17	(⁵)	348	84.5	(NA)	(NA)	243	69.9			
VA.	2,302	58.7	2,552	60.2	31	(⁵)	2,877	63.3	(NA)	(NA)	2,192	76.2			
WA.	2,182	71.9	2,458	76.1	30	30	2,499	73.1	(NA)	(NA)	1,865	74.6			
WV.	1,035	74.0	1,025	71.6	30	30	969	69.3	66.1	31.3	653	67.5			
WI.	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	10	(¹²)	(¹²)	(¹²)	(¹²)	2,192	(X)			
WY.	219	66.1	240	67.8	30	(⁵)	226	64.4	35.8	54.9	177	78.1			

NA Not available. X Not applicable. ¹ Number of days prior to a general election by which a prospective voter must register with State or local election officials. ² Number of days a prospective voter must reside in a State to vote in a general election. ³ Includes voters registered with other parties and with no party (independents), not shown separately. ⁴ Estimate based on actual registration statistics from the States which keep registration records. Percentages are the actual percentages of the voting age population who registered in the States, for which actual registration figures are available. The estimates are derived from applying that percentage to the national voting age population figure. ⁵ No residency requirements. ⁶ No durational requirement. To varying degrees, States without durational residency requirements may call for proof of residency or sworn certification of resident status; enforcement of such residency certification often left to discretion of local registration officials. ⁷ Third Saturday in October. ⁸ Election day. ⁹ Second Friday before election day. ¹⁰ Business days. ¹¹ North Dakota does not require registration. ¹² Wisconsin does not keep statewide registration statistics.

Source: Committee for the Study of the American Electorate, Washington, DC, *Non-Voter Study*, '80-'81, '84-'85, and '88-'89.

No. 452. Political Party Identification of the Adult Population, by Degree of Attachment, 1960 to 1988, and by Selected Characteristics, 1988

[In percent. Covers citizens of voting-age living in private housing units in the contiguous U.S. Data are from the National Election Studies and are based on a sample (for 1988, 2,040 respondents) and subject to sampling variability; for details, see source]

YEAR AND SELECTED CHARACTERISTIC	Total	Strong Democrat	Weak Democrat	Independent Democrat	Independent	Independent Republican	Weak Republican	Strong Republican	Apolitical
1960.....	100	20	25	6	10	7	14	16	3
1964.....	100	27	25	9	8	6	14	11	1
1968.....	100	20	25	10	11	9	15	10	1
1970.....	100	20	24	10	13	8	15	9	1
1972.....	100	15	26	11	13	10	13	10	1
1976.....	100	15	25	12	15	10	14	9	1
1980.....	100	18	23	11	13	12	14	9	2
1984.....	100	17	20	11	11	12	15	12	2
1988.....	100	18	22	10	12	11	15	10	2
1988, total ¹	100	18	18	12	11	13	14	14	2
Year of birth:									
1959 or later (Under 30 years old) ..	100	13	15	16	14	15	16	11	2
1943 to 1958 (30-45 years old) ..	100	14	19	12	13	15	12	14	1
1927 to 1942 (46-61 years old) ..	100	22	18	12	7	13	14	14	1
1911 to 1926 (62-77 years old) ..	100	23	18	9	7	9	15	17	2
1895 to 1910 (78-93 years old) ..	100	26	18	4	9	10	20	12	3
Sex:									
Male.....	100	14	15	13	11	17	14	15	2
Female.....	100	20	20	11	10	11	14	13	2
Race:									
White.....	100	14	16	10	12	15	15	16	1
Black.....	100	39	24	18	6	5	5	2	3
Education:									
Grade school.....	100	28	21	7	14	9	12	5	5
High school.....	100	18	19	13	13	13	12	11	2
College.....	100	15	16	12	8	15	16	19	(Z)

Z Less than .5 percent. ¹ Includes other characteristics, not shown separately.

Source: Center for Political Studies, University of Michigan, Ann Arbor, MI, unpublished data. Data prior to 1988 published in Warren E. Miller and Santa A. Traugott, *American National Election Studies Data Sourcebook, 1952-1986*, Harvard University Press, Cambridge, MA, 1989 (copyright).

No. 453. Participation in Elections for President and U.S. Representatives: 1932 to 1988

[As of November. Estimated resident population 21 years old and over, 1932-1970, except as noted, and 18 years old and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. District of Columbia is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age (1,000)	VOTES CAST				YEAR	Resident population (incl. aliens) of voting age (1,000)	VOTES CAST			
		For Presi- dent ² (1,000)	Per- cent of vot- ing- age popu- lation	For U.S. Repre- senta- tives (1,000)	Per- cent of vot- ing- age popu- lation			For Presi- dent ² (1,000)	Per- cent of vot- ing- age popu- lation	For U.S. Repre- senta- tives (1,000)	Per- cent of vot- ing- age popu- lation
1932.....	75,768	39,758	52.5	37,657	49.7	1962.....	112,952	(X)	(X)	51,267	45.4
1934.....	77,997	(X)	(X)	32,256	41.4	1964.....	114,090	70,645	61.9	65,895	57.8
1936.....	80,174	45,654	56.9	42,886	53.5	1966.....	116,638	(X)	(X)	62,908	45.4
1938.....	82,354	(X)	(X)	36,236	44.0	1968.....	120,285	73,212	60.9	66,288	55.1
1940.....	84,728	49,900	58.9	46,951	55.4	1970.....	124,498	(X)	(X)	64,173	43.5
1942.....	86,465	(X)	(X)	28,074	32.5	1972.....	140,777	77,719	55.2	71,430	50.7
1944.....	85,654	47,977	56.0	45,103	52.7	1974.....	146,338	(X)	(X)	52,495	35.9
1946.....	92,659	(X)	(X)	34,398	37.1	1976.....	152,308	81,556	53.5	74,422	48.9
1948.....	95,573	48,794	51.1	45,933	48.1	1978.....	158,369	(X)	(X)	55,332	34.9
1950.....	98,134	(X)	(X)	40,342	41.1	1980.....	164,595	86,515	52.6	77,995	47.4
1952.....	99,929	61,551	61.6	57,571	57.6	1982.....	169,936	(X)	(X)	64,514	38.0
1954.....	102,075	(X)	(X)	42,580	41.7	1984.....	174,468	92,653	53.1	83,231	47.7
1956.....	104,515	62,027	59.3	58,426	55.9	1986.....	178,566	(X)	(X)	59,619	33.4
1958.....	106,447	(X)	(X)	45,818	43.0	1988.....	182,779	91,595	50.1	81,786	44.7
1960.....	109,672	68,838	62.8	64,133	58.5						

X Not applicable. ¹ Population 18 and over in Georgia, 1944-1970, and in Kentucky, 1956-1970; 19 and over in Alaska and 20 and over in Hawaii, 1960-1970. ² Source: 1932-1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*, biennial.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1059; and Elections Research Center, Washington, DC, *America Votes*, biennial (copyright).

No. 454. Resident Population of Voting-Age and Percent Casting Votes—States: 1960 to 1990

(As of November. Estimated population, 18 years old and over. Includes Armed Forces stationed in each State, aliens, and institutional population)

REGION, DIVISION, AND STATE	VOTING AGE POPULATION (1,000)						PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES				
	1980	1982	1984	1986	1988	1990, proj. ¹		1980	1984	1988	1982	1984	1986	1988
						Total	Per- cent Black							
U.S. . . .	164,595	169,936	174,468	178,566	182,779	186,382	11.3	52.6	53.1	50.1	38.0	47.7	33.4	44.7
Northeast	36,287	36,943	37,582	38,064	38,590	38,893	10.3	52.9	54.5	51.4	39.6	51.0	32.6	46.1
N.E.	9,144	9,342	9,567	9,748	9,950	10,104	4.1	59.8	58.7	57.6	44.7	55.5	37.4	53.5
ME	811	831	855	875	908	931	0.3	64.5	64.7	61.1	54.4	63.4	48.2	61.1
NH	672	698	732	775	817	861	0.6	57.1	53.1	55.2	38.5	51.0	31.1	52.5
VT	370	382	392	403	420	428	0.4	57.7	59.9	57.9	43.2	57.7	46.9	57.1
MA	4,278	4,354	4,447	4,502	4,565	4,598	4.3	59.0	57.5	57.7	43.4	52.8	33.4	51.9
RI	710	721	735	751	765	771	3.3	58.6	55.8	52.9	46.2	53.1	40.7	51.1
CT	2,304	2,356	2,405	2,442	2,476	2,516	7.2	61.0	61.0	58.3	45.4	59.5	40.1	54.2
M.A.	27,143	27,601	28,015	28,315	28,640	28,789	12.5	50.6	53.1	49.3	37.9	49.5	31.0	43.6
NY	12,933	13,129	13,331	13,447	13,574	13,582	14.9	48.0	51.1	47.8	35.7	46.6	29.0	40.6
NJ	5,422	5,562	5,695	5,811	5,894	5,986	13.1	54.9	56.5	52.6	38.6	52.5	26.7	47.1
PA	8,787	8,910	8,989	9,057	9,171	9,221	8.7	51.9	53.9	49.5	40.7	51.8	36.5	45.8
Midwest	42,194	42,728	43,240	43,704	44,403	44,736	9.1	59.7	58.8	55.5	44.7	55.9	38.9	53.0
E.N.C.	29,766	30,058	30,373	30,723	31,204	31,453	11.1	58.7	58.0	54.4	43.2	54.7	36.9	51.6
OH	7,744	7,816	7,875	7,948	8,059	8,119	10.2	55.3	57.8	54.5	42.6	55.0	38.8	51.6
IN	3,892	3,942	3,995	4,040	4,111	4,164	7.6	57.6	55.9	52.8	45.6	54.6	38.5	51.6
IL	8,235	8,354	8,448	8,517	8,636	8,682	14.5	57.7	57.0	52.8	43.2	54.2	35.4	50.3
MI	6,520	6,509	6,568	6,699	6,805	6,870	13.5	60.0	57.9	53.9	43.1	52.6	34.7	50.8
WI	3,375	3,437	3,487	3,522	3,593	3,617	4.1	67.4	63.4	61.0	42.2	59.5	39.3	56.6
W.N.C.	12,428	12,670	12,867	12,981	13,199	13,283	4.5	62.1	60.8	58.2	48.1	58.7	43.4	56.3
MN	2,933	3,004	3,057	3,115	3,201	3,249	1.4	70.0	68.2	65.5	58.3	64.6	44.7	61.5
IA	2,099	2,117	2,125	2,105	2,125	2,100	1.7	62.8	62.1	57.7	47.5	59.7	42.3	56.0
MO	3,578	3,637	3,709	3,772	3,840	3,893	9.8	58.7	57.2	54.5	42.0	55.0	37.9	53.9
ND	467	484	484	488	484	478	0.6	64.6	62.6	61.4	53.8	62.6	58.6	62.0
SD	488	499	509	511	518	518	0.4	67.1	62.5	60.4	55.2	62.1	56.8	60.2
NE	1,133	1,157	1,174	1,171	1,183	1,181	3.0	56.6	55.5	55.9	44.9	55.4	47.4	55.5
KS	1,730	1,773	1,800	1,818	1,848	1,864	5.3	56.6	56.8	53.7	42.7	55.2	43.3	50.4
South. . . .	54,558	57,184	59,257	61,004	62,470	64,272	17.1	47.3	48.7	45.7	29.4	38.7	27.0	36.8
S.A.	27,273	28,502	29,710	30,896	32,069	33,417	18.9	46.2	47.5	44.4	29.4	38.7	28.8	37.8
DE	432	444	459	477	498	514	16.7	54.7	55.6	50.2	42.4	52.9	33.8	47.2
MD	3,080	3,165	3,259	3,372	3,498	3,622	24.4	50.0	51.4	49.0	34.5	45.9	31.5	44.6
DC	495	492	480	486	472	477	64.9	35.4	33.1	40.9	22.9	33.1	26.1	36.2
VA	3,930	4,077	4,234	4,392	4,568	4,755	17.8	47.5	50.7	48.0	32.8	43.4	23.7	41.4
WV	1,400	1,422	1,424	1,412	1,398	1,380	2.9	52.7	51.7	46.7	38.4	49.4	28.0	40.7
NC	4,274	4,421	4,586	4,731	4,880	5,071	20.2	43.4	47.4	43.7	29.9	47.1	33.2	40.7
SC	2,215	2,305	2,382	2,458	2,531	2,621	27.5	40.4	40.7	39.0	28.5	39.0	29.2	39.2
G.A.	3,870	4,038	4,224	4,421	4,593	4,827	24.5	41.3	42.0	39.4	22.4	36.0	24.0	36.4
FL	7,578	8,138	8,651	9,146	9,632	10,150	11.9	48.7	48.3	44.7	27.2	28.2	23.4	31.6
E.S.C.	10,399	10,662	10,879	11,065	11,254	11,488	17.9	49.5	50.2	46.8	32.6	41.5	30.5	41.0
KY	2,596	2,656	2,695	2,720	2,752	2,778	6.9	49.9	50.8	48.1	26.4	44.1	23.2	40.2
TN	3,323	3,408	3,489	3,569	3,660	3,773	14.7	48.7	49.1	44.7	34.5	37.7	31.0	38.5
AL	2,757	2,827	2,892	2,947	2,997	3,060	23.2	48.7	49.9	46.0	34.0	39.7	37.9	39.3
MS	1,723	1,771	1,803	1,827	1,845	1,877	31.7	51.8	52.2	50.5	36.2	48.2	28.7	49.8
W.S.C.	16,884	18,021	18,668	19,044	19,148	19,366	13.6	47.8	49.5	47.3	27.6	36.9	25.2	32.6
AR	1,628	1,667	1,707	1,732	1,750	1,780	13.6	51.5	51.8	47.3	45.5	27.1	38.5	34.6
LA	2,919	3,063	3,131	3,153	3,112	3,093	28.0	53.0	54.5	52.3	21.6	27.5	12.4	36.6
OK	2,207	2,367	2,410	2,396	2,366	2,337	6.1	52.1	52.1	49.5	36.2	46.1	20.3	32.4
TX	10,130	10,924	11,420	11,764	11,919	12,156	11.4	44.8	47.3	45.5	26.1	41.0	25.6	39.2
West	31,558	33,081	34,389	35,795	37,316	38,482	5.3	51.7	52.0	49.6	42.2	49.4	38.5	46.8
Mt.	8,067	8,548	8,920	9,280	9,548	9,829	2.5	53.9	53.1	52.5	41.8	50.8	40.5	50.2
MT	580	579	591	587	586	581	0.2	65.0	65.0	62.4	54.7	62.8	54.2	62.3
ID	646	668	687	693	703	710	0.5	67.7	59.8	58.2	48.1	59.0	54.3	57.9
WY	332	355	355	349	339	329	0.8	53.2	53.2	52.1	44.9	53.0	45.8	52.5
CO	2,123	2,264	2,350	2,407	2,440	2,475	3.7	55.8	55.1	56.2	41.8	53.1	42.3	53.9
NM	900	955	1,001	1,041	1,065	1,091	1.6	50.8	51.3	48.9	41.4	50.0	37.1	42.2
AZ	1,970	2,092	2,226	2,400	2,543	2,702	2.4	44.4	46.1	46.1	34.0	42.4	33.5	44.2
UT	935	984	1,021	1,048	1,067	1,084	0.7	64.6	61.7	60.6	49.8	58.9	40.9	57.1
NV	602	651	688	734	804	858	6.0	41.2	41.7	43.5	36.0	39.4	35.0	42.8
Pac.	23,491	24,533	25,469	26,536	27,768	28,652	6.3	51.0	51.7	48.6	42.3	48.9	37.8	45.6
WA	3,040	3,145	3,226	3,329	3,491	3,597	2.3	57.3	58.4	53.4	41.6	56.0	38.9	49.6
OR	1,929	1,959	1,984	2,022	2,086	2,128	1.5	61.2	61.8	57.3	51.8	60.6	51.0	48.9
CA	17,548	18,387	19,152	20,043	21,008	21,709	7.7	48.9	49.6	47.1	41.3	46.8	35.9	44.7
AK	277	314	350	358	359	365	3.5	57.3	59.4	55.7	57.7	58.9	50.3	53.8
HI	697	728	757	784	815	854	1.8	43.5	44.4	43.5	40.9	36.5	42.2	41.7

¹ Series A₃ projections; see table 29 and text, section 1. ² State law does not require tabulation of votes for unopposed candidates. See footnote 9, table 433.Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1059; votes cast from Elections Research Center, Washington DC, *America Votes*, biennial (copyright).

No. 455. Presidential Primaries—Votes Cast and Percent of Voting-Age Population Casting Votes, by Party: 1988

[Presidential primaries were not held in AK, AZ, CO, DE, HI, IA, KS, ME, MI, MN, NV, UT, WA, and WY]

STATE	Voting age population (VAP) (1,000)	VOTES CAST IN DEMOCRATIC PRIMARY		VOTES CAST IN REPUBLICAN PRIMARY		STATE	Voting age population (VAP) (1,000)	VOTES CAST IN DEMOCRATIC PRIMARY		VOTES CAST IN REPUBLICAN PRIMARY	
		Total (1,000)	Percent of VAP	Total (1,000)	Percent of VAP			Total (1,000)	Percent of VAP	Total (1,000)	Percent of VAP
AL	2,997	406	13.5	214	7.1	NJ	5,894	654	11.1	241	4.1
AR	1,750	498	28.5	68	3.9	NM	1,065	189	17.7	89	8.4
CA	21,006	3,139	14.9	2,240	10.7	NY	13,574	1,575	11.6	(¹)	(¹)
CT	2,476	241	9.7	104	4.2	NC	4,880	680	13.9	274	5.6
DC	472	86	18.2	7	1.5	ND	484	3	0.6	39	8.1
FL	9,632	1,273	13.2	901	9.4	OH	8,059	1,384	17.2	795	9.9
GA	4,593	623	13.6	401	8.7	OK	2,366	393	16.6	209	8.8
ID	703	51	7.3	68	9.7	OR	2,096	389	18.6	274	13.1
IL	8,636	1,501	17.4	859	9.9	PA	9,171	1,508	16.4	871	9.5
IN	4,111	646	15.7	438	10.7	RI	765	49	6.4	16	2.1
KA	2,752	319	11.6	121	4.4	SC	2,531	(¹)	(¹)	195	7.7
LA	3,112	624	20.1	145	4.7	SD	518	72	13.9	93	18.0
MD	3,498	531	15.2	201	5.7	TN	3,660	576	15.7	254	6.9
MA	4,565	713	15.6	241	5.3	TX	11,919	1,767	14.8	1,015	8.5
MS	1,845	359	19.5	159	8.6	VT	420	51	12.1	48	11.4
MO	3,840	528	13.8	400	10.4	VA	4,568	365	8.0	234	5.1
MT	586	122	20.8	86	14.7	WV	1,398	340	24.3	143	10.2
NE	1,183	169	14.3	204	17.2	WI	3,593	1,015	28.2	359	10.0
NH	817	124	15.2	158	19.3						

¹ No primary held.

Source: Committee for the Study of the American Electorate, Washington, DC, *Non-Voter Study, '88-'89*.

No. 456. Political Party Financial Activity, by Major Political Party: 1979 to 1988

[In millions of dollars. Covers financial activity during 2 year calendar period indicated. Some political party financial activities, such as building funds and state and local election spending, are not reported to the source. Also excludes contributions earmarked to federal candidates through the party organizations, since some of those funds never passed through the committees' accounts]

YEAR AND TYPE OF COMMITTEE	DEMOCRATIC				REPUBLICAN			
	Receipts, net ¹	Disbursements, net ¹	Contributions to candidates	Monies spent on behalf of party's nominees ²	Receipts, net ¹	Disbursements, net ¹	Contributions to candidates	Monies spent on behalf of party's nominees ²
1979-1980, total	37.2	35.0	1.7	4.9	169.5	161.8	4.5	12.4
National committee	15.1	14.8	(Z)	3.9	76.2	73.2	0.8	5.4
Senatorial committee	1.7	1.6	0.5	0.6	23.3	21.2	0.4	5
Congressional committee	2.1	2.0	0.6	(Z)	28.6	26.1	2.0	1.2
Conventions, other national	9.2	7.8	(Z)	-	7.6	8.7	0.5	-
State and local	9.1	8.8	0.4	0.4	33.8	32.5	0.8	0.8
1981-1982, total	39.3	40.1	1.7	3.3	215.0	214.0	5.6	14.3
National committee	16.4	16.5	0.1	0.1	83.5	84.3	1.7	0.2
Senatorial committee	5.6	5.6	0.5	1.9	48.9	47.7	0.6	8.7
Congressional committee	6.5	6.5	0.6	0.2	58.0	57.0	2.6	4.9
Conventions, other national	3.1	3.9	-	-	0.6	0.9	(Z)	-
State and local	7.6	7.7	0.5	1.1	24.0	24.1	0.8	0.4
1983-1984, total	98.5	97.4	2.6	9.0	297.9	300.8	4.9	20.1
National committee	46.6	46.6	0.9	2.7	105.9	104.6	0.8	6.8
Senatorial committee	8.9	8.7	0.4	3.9	81.7	83.6	0.6	6.7
Congressional committee	10.4	10.2	0.8	1.1	58.3	61.7	2.6	6.3
Conventions, other national	14.0	13.7	-	-	8.9	8.9	-	-
State and local	18.5	18.2	0.5	1.3	43.1	41.9	0.9	0.3
1985-1986, total	64.8	65.9	1.7	9.0	255.2	258.9	3.4	14.3
National committee	17.2	17.4	(Z)	0.3	83.8	86.7	0.4	(Z)
Senatorial committee	13.4	13.5	0.6	6.1	84.4	83.7	0.6	10.0
Congressional committee	12.3	12.6	0.6	1.5	39.8	40.8	1.7	4.1
Conventions, other national	7.9	8.1	(Z)	-	0.2	0.2	-	-
State and local	14.0	14.3	0.5	1.0	47.0	47.4	0.8	0.3
1987-1988, total	135.2	129.1	1.8	17.9	267.1	261.0	3.4	22.7
National committee	52.3	47.0	0.1	8.1	91.0	89.9	0.3	8.3
Senatorial committee	16.3	16.3	0.4	6.2	65.9	63.3	0.8	10.2
Congressional committee	12.5	12.5	0.7	2.4	34.7	33.7	1.6	4.1
Conventions, other national	19.2	19.2	-	-	9.6	9.6	-	-
State and local	35.0	34.1	0.6	1.2	65.9	64.5	0.7	0.1

- Represents zero. Z Less than \$50,000. ¹ Excludes monies transferred between affiliated committees. ² Monies spent in the general election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, Final Report, Party and Non-Party Political Committees*, biennial.

Independent Campaign Expenditures—Political Action Committees 273

No. 457. Independent Expenditures for Presidential and Congressional Campaigns: 1979-1980 to 1987-1988

[In thousands of dollars. Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited as are contributions]

TYPE OF OFFICE AND YEAR	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
TOTAL									
1979-1980	16,084	13,893	2,191	441	2,057	13,180	123	272	11
1981-1982	7,282	2,135	5,147	1,252	4,597	883	550	-	-
1983-1984	23,420	19,951	3,468	1,693	1,016	18,257	2,453	1	-
1985-1986	10,205	8,832	1,373	3,450	888	5,376	485	6	-
1987-1988	21,341	16,654	4,687	2,865	4,248	13,784	439	6	-
PRESIDENTIAL									
1979-1980	13,745	12,932	813	123	737	12,538	65	272	11
1981-1982	185	184	1	92	1	92	-	-	-
1983-1984	17,468	16,638	831	806	487	15,830	344	1	-
1985-1986	841	795	45	76	28	719	17	-	-
1987-1988	14,127	10,628	3,499	568	3,352	10,054	146	6	-
SENATE									
1979-1980	1,654	359	1,295	127	1,283	232	12	-	-
1981-1982	4,875	724	4,150	426	3,667	298	484	-	-
1983-1984	4,627	2,134	2,493	326	410	1,808	2,082	-	-
1985-1986	5,312	4,331	980	988	632	3,343	348	-	-
1987-1988	4,401	3,641	761	831	617	2,810	143	(Z)	-
HOUSE OF REPRESENTATIVES									
1979-1980	685	602	83	191	38	410	45	(Z)	-
1981-1982	2,221	1,226	995	734	929	492	66	-	-
1983-1984	1,325	1,180	145	561	118	619	27	-	-
1985-1986	4,053	3,706	347	2,386	227	1,314	120	6	-
1987-1988	2,813	2,385	427	1,466	279	920	149	(Z)	-

- Represents zero. Z Less than \$500.

Source: U.S. Federal Election Commission, *FEC Index of Independent Expenditures, 1987-88*, May 1989 and press release of May 19, 1989.

No. 458. Political Action Committees—Financial Activity Summary by Committee Type: 1979 to 1988

[In millions of dollars. Cover financial activity during 2 year calendar period indicated. Data have not been adjusted for transfers between affiliated committees]

FINANCIAL ITEM AND YEAR	Total	Corpo- rate	Labor	Trade/ mem- bership/ health	Non- connect- ed	Cooper- ative	Corpora- tion without stock
RECEIPTS							
1979-1980	137.7	33.9	25.7	33.9	40.1	2.8	1.4
1981-1982	199.5	47.1	37.5	43.4	64.7	4.1	2.7
1983-1984	288.7	66.3	51.1	59.3	102.8	4.5	4.6
1985-1986	353.4	82.0	65.3	75.4	118.6	4.7	7.4
1987-1988	384.6	96.9	78.5	89.5	106.3	4.9	8.5
DISBURSEMENTS ¹							
1979-1980	131.2	31.4	25.1	32.0	38.6	2.7	1.3
1981-1982	190.2	43.3	34.8	41.9	64.3	3.8	2.1
1983-1984	266.8	58.2	47.5	54.0	97.4	4.5	4.2
1985-1986	340.0	79.3	57.9	73.3	118.4	4.7	6.4
1987-1988	364.2	88.8	74.1	83.7	104.9	4.5	7.2
CONTRIBUTIONS TO CANDIDATES							
1979-1980	60.2	21.6	14.2	17.0	5.2	1.5	0.7
1981-1982	87.6	28.4	20.9	22.9	11.0	2.2	1.1
1983-1984	113.0	39.0	26.2	28.3	15.3	2.6	1.5
1985-1986	139.8	48.6	31.0	34.6	19.4	2.7	2.6
1987-1988	159.2	56.2	35.5	41.2	20.3	2.7	3.3
INDEPENDENT EXPENDITURES, 1987-1988							
Total	20.8	0.1	0.2	3.9	16.2	(Z)	0.3
For candidates	16.2	0.1	0.2	2.4	13.3	(Z)	0.2
Against candidates	4.6	(Z)	(Z)	1.5	2.9	-	0.1

- Represents zero. Z Less than \$50,000. ¹ Comprises contributions to candidates, independent expenditures, and other disbursements.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, Final Report, Party and Non-Party Political Committees*, biennial.

No. 459. Political Action Committees—Number, by Committee Type: 1975 to 1989

[As of December 31, except 1975 as of November 24]

YEAR	Total	Corporate	Labor	Trade/ member- ship/ health	Non- con- nected	Coopera- tive	Corpora- tion without stock
1975	722	139	226		357		
1977	1,380	550	234	438	110	8	20
1978	1,653	785	217	453	162	12	24
1979	2,000	950	240	514	247	17	32
1980	2,551	1,206	297	576	374	42	56
1981	2,901	1,329	318	614	531	41	68
1982	3,371	1,469	380	649	723	47	103
1983	3,525	1,538	378	643	793	51	122
1984	4,009	1,682	394	698	1,053	52	130
1985	3,992	1,710	388	695	1,003	54	142
1986	4,157	1,744	384	745	1,077	56	151
1987	4,165	1,775	364	865	957	59	145
1988	4,268	1,816	354	786	1,115	59	138
1989	4,178	1,796	349	777	1,060	59	137

Source: U.S. Federal Election Commission, press release of January 17, 1990.

No. 460. Presidential Campaign Finances—Federal Funds for General Election: 1980 to 1988

[In millions of dollars. Based on FEC certifications, audit reports, and Dept. of Treasury reports]

1980		1984		1988	
Candidate	Amount	Candidate	Amount	Candidate	Amount
Total	62.7	Total	80.3	Total	92.2
Anderson ¹	4.2	Mondale	40.2	Bush	46.1
Carter	29.4	Reagan	40.1	Dukakis	46.1
Reagan	29.2				

¹ John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were \$17.6 million and total expenditures were \$15.6 million.

Source: U.S. Federal Election Commission, press releases of November 15, 1981, June 4, 1986, and April 9, 1989.

No. 461. Presidential Campaign Finances—Primary Campaign Receipts and Disbursements: 1979 to 1988

[In millions of dollars. Covers campaign finance activity during 2 year calendar period indicated. Covers candidates who received Federal matching funds or who had significant financial activity]

PARTY AND CANDIDATE	RECEIPTS			Dis- burse- ments	PARTY AND CANDIDATE	RECEIPTS			Dis- burse- ments
	Total ¹	Indi- vidual contri- butions	Federal match- ing funds			Total ¹	Indi- vidual contri- butions	Federal match- ing funds	
TOTAL					DEMOCRATIC				
1979-1980	94.2	61.0	30.9	92.3	1979-1980	35.6	23.9	10.3	35.6
1983-1984 ²	105.0	62.8	34.9	103.6	1983-1984	77.5	46.2	24.6	77.4
1987-1988 ³	213.8	141.1	65.7	210.7	1987-1988	91.9	59.4	30.1	90.2
REPUBLICAN					Babbitt	3.4	2.2	1.1	3.3
1979-1980	58.5	37.1	20.5	56.7	Dukakis	28.5	19.3	9.0	28.2
1983-1984	27.1	16.4	10.1	25.9	Gephardt	10.3	6.3	2.9	10.3
1987-1988	116.0	76.8	34.7	114.6	Gore	12.3	7.9	3.9	12.3
Bush	31.8	22.3	8.4	30.6	Hart	3.4	2.3	1.1	3.3
Dole	26.5	16.9	7.6	26.5	Jackson	20.0	12.3	7.7	19.4
DuPont	8.1	5.4	2.6	8.0	LaRouche	3.9	3.0	0.8	3.8
Haig	2.0	1.4	0.5	2.0	Simon	10.1	6.1	3.6	9.6
Kemp	16.7	10.2	5.9	16.5					
Robertson	30.9	20.6	9.7	30.9					

¹ Includes other types of receipts, not shown separately. ² Includes Citizens Party candidate not shown separately.³ Includes a minor party candidate who sought several party nominations and a Democratic candidate who did not receive Federal matching funds, but who had significant financial activity.Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, Final Report, Presidential Pre-Nomination Campaigns*, quadrennial.

No. 462. Congressional Campaign Finances—Receipts and Disbursements: 1983 to 1988

[Covers all campaign finance activity during 2-year calendar period indicated for primary, general, run-off, and special elections. For 1983-84 relates to 1,782 House of Representatives candidates and 254 Senate candidates; for 1985-86 to 1,611 House of Representatives candidates and 262 Senate candidates; for 1987-88 to 1,582 House of Representatives candidates and 210 Senate candidates. Data have been adjusted to eliminate transfers between all committees within a campaign. For further information on legal limits of contributions, see Federal Election Campaign Act of 1971, as amended]

ITEM	HOUSE OF REPRESENTATIVES						SENATE					
	Amount (mil. dol.)			Percent distribution			Amount (mil. dol.)			Percent distribution		
	1983-1984	1985-1986	1987-1988	1983-1984	1985-1986	1987-1988	1983-1984	1985-1986	1987-1988	1983-1984	1985-1986	1987-1988
Total receipts ¹	222.5	257.7	278.3	100.0	100.0	100.0	174.7	214.4	199.3	100.0	100.0	100.0
Individual contributions	108.0	127.6	129.9	48.5	49.5	46.7	110.3	140.1	128.1	63.1	65.3	64.3
Other committees	75.7	87.4	102.2	34.0	33.9	36.7	29.7	45.3	45.7	17.0	21.1	22.9
Candidate loans	18.0	20.9	23.2	8.1	8.1	8.3	21.4	6.2	8.2	12.2	2.9	4.1
Candidate contributions	3.4	4.8	4.9	1.5	1.9	1.8	3.7	1.9	6.8	2.1	0.9	3.4
Democrats	121.4	139.9	160.3	54.6	54.3	57.6	84.2	91.8	107.7	48.2	42.8	54.0
Republicans	100.5	117.7	117.0	45.2	45.7	42.0	90.3	122.5	91.3	51.7	57.1	45.8
Others	0.5	0.1	1.0	0.2	(Z)	0.4	0.2	0.1	0.3	0.1	(Z)	0.2
Incumbents	132.4	149.7	175.6	59.5	58.1	63.1	74.8	90.3	98.3	42.8	42.1	49.3
Challengers	55.5	49.2	52.5	25.0	19.1	18.9	38.9	67.2	58.3	22.3	31.3	28.3
Open seats	34.6	58.8	50.2	15.5	22.8	18.0	61.0	56.9	44.7	34.9	26.5	22.4
Total disbursements	203.6	239.3	257.6	100.0	100.0	100.0	170.5	211.6	201.4	100.0	100.0	100.0
Democrats	111.0	128.7	145.6	54.5	53.8	56.5	82.0	89.0	107.9	48.1	42.0	53.6
Republicans	91.8	110.5	111.0	45.1	46.2	43.1	88.3	122.6	93.1	51.8	57.9	46.3
Others	0.7	0.1	1.0	0.3	(Z)	0.4	0.2	(Z)	0.3	0.1	(Z)	0.1
Incumbents	114.9	132.5	156.6	56.5	55.4	60.8	72.1	89.3	101.2	42.3	42.2	50.3
Challengers	54.7	48.8	51.7	26.9	20.4	20.1	38.3	66.2	56.1	22.5	31.3	27.8
Open seats	33.9	58.0	49.3	16.7	24.2	19.1	60.1	56.1	44.1	35.3	26.5	21.9

Z Less than \$50,000 or .05 percent. ¹ Includes other types of receipts, not shown separately. ² Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, Final Report, U.S. Senate and House Campaigns*, biennial.

No. 463. Contributions to Congressional Campaigns by Political Action Committees (PAC), by Type of Committee: 1979 to 1988

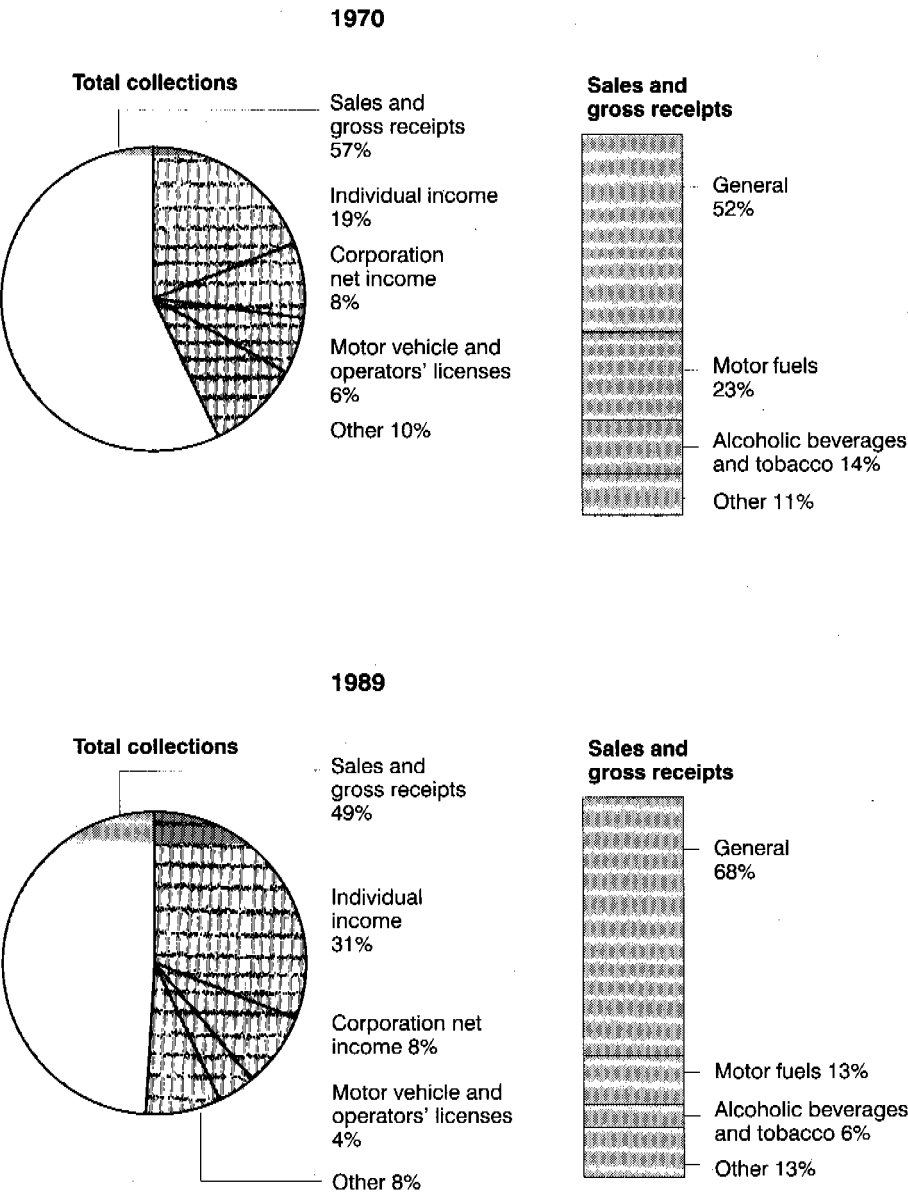
[In millions of dollars. Cover amounts given to candidates in primary, general, run-off, and special elections during the 2-year calendar period indicated. For number of political action committees, see table 459]

TYPE OF COMMITTEE	HOUSE OF REPRESENTATIVES						SENATE					
	Total	Democrats	Republicans	Incumbents	Challengers	Open seats ¹	Total	Democrats	Republicans	Incumbents	Challengers	Open seats ¹
1979-80, total	37.9	20.5	17.2	24.9	7.9	5.1	17.3	8.4	9.0	8.6	6.6	2.1
1981-82, total ²	61.1	34.2	26.8	40.8	10.9	9.4	22.6	11.2	11.4	14.3	5.2	3.0
Corporate	18.9	7.0	12.0	14.4	2.0	2.6	8.6	2.4	6.2	5.5	1.7	1.4
Trade association	16.8	7.2	9.7	12.4	2.1	2.3	5.0	2.2	2.8	3.7	0.8	0.5
Labor	15.4	14.7	0.7	8.5	4.3	2.6	4.9	4.5	0.4	3.0	1.3	0.5
Non-connected ⁴	7.4	3.9	3.5	3.4	2.5	1.6	3.3	1.6	1.7	1.5	1.3	0.5
1983-84, total ²	75.7	46.3	29.3	57.2	11.3	7.2	29.7	14.0	15.6	17.9	6.3	5.4
Corporate	23.4	10.4	13.1	18.8	2.6	2.0	12.0	3.2	8.8	8.8	1.1	2.2
Trade association	20.4	10.5	9.9	16.5	2.1	1.7	6.3	2.7	3.7	4.5	0.9	1.0
Labor	19.8	18.8	1.0	14.3	3.5	2.0	5.0	4.7	0.3	1.6	2.3	1.2
Non-connected ⁴	9.1	4.7	4.4	4.9	2.9	1.3	5.4	3.0	2.4	2.4	2.0	1.0
1985-86, total ²	87.4	54.7	32.6	65.9	9.1	12.4	45.3	20.2	25.1	23.7	10.2	11.4
Corporate	26.9	12.9	14.0	22.9	1.0	3.0	19.2	4.8	14.4	11.7	2.7	4.9
Trade association	23.4	12.3	11.2	19.3	1.3	2.8	9.5	3.8	5.7	5.7	1.6	2.1
Labor	22.6	21.1	1.6	14.7	4.3	3.6	7.2	6.6	0.6	2.2	3.2	1.9
Non-connected ⁴	11.1	6.6	4.5	6.1	2.4	2.6	7.7	4.2	3.4	3.1	2.4	2.2
1987-88, total	102.2	67.4	34.7	82.2	10.0	10.0	45.7	24.2	21.5	28.7	8.0	9.0
Corporate	31.6	16.3	15.4	28.6	1.1	1.9	18.8	7.2	11.6	12.7	2.4	3.7
Trade association	28.6	16.5	12.0	24.6	1.5	2.5	10.4	4.8	5.6	7.1	1.3	2.0
Labor	26.8	24.8	2.0	18.3	5.1	3.3	7.1	6.5	0.5	3.6	2.2	1.3
Non-connected ⁴	11.4	7.4	3.9	7.3	2.2	1.9	7.8	4.8	3.0	4.2	2.0	1.6
Cooperative	2.0	1.3	0.7	1.8	0.1	0.1	0.6	0.3	0.3	0.4	0.1	0.1
Corporation without stock	1.9	1.1	0.7	1.6	0.1	0.2	1.0	0.5	0.5	0.7	0.1	0.2

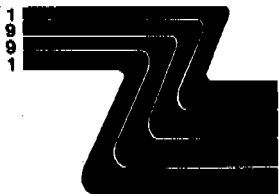
¹ Elections in which an incumbent did not seek re-election. ² Includes other types of political action committees not shown separately. ³ Includes membership organizations and health organizations. ⁴ Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, Final Report, U.S. Senate and House Campaigns*, biennial.

Figure 9.1
State Government Tax Collections, by Type: 1970 and 1989



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 480.



Section 9

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, and government employment of 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 is also a series of quarterly reports covering tax revenue, and of finances of major public employee retirement systems, as well as a series (GSS) of special studies.

Basic information for Census Bureau statistics on governments is obtained 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. In over half of the States, all or part of local government financial data are obtained through central collection arrangements with State governments. Financial data on the Federal Government is based on the *Budget* published by the Office of Management and Budget (see page 313).

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 464, almost 83,200 local governments were identified by the 1987 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 ending in the year shown. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30; New York, March 31; and Texas, Aug. 31. The Federal Government ended the fiscal year June 30 until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A 3-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 (exceptions are school districts in Alabama, which close Sept. 30 of the specified year; school districts in Texas, which close Aug. 31 of year cited; and Washington, DC which ends its fiscal year Sept. 30); figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been 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 or local governments 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 government water supply, electric light and power, gas supply, and transit systems. Liquor stores are operated by 17 States and by local governments in 5 States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by the Federal, 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 based mainly 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. Beginning 1986, statistics for full-time equivalent employment have been computed with a formula using hours worked by part-time employees. A payroll based formula was used prior to 1985. Full-time equivalent employment statistics were not computed for 1985. 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 IV.

No. 464. Number of Governmental Units, by Type of Government: 1942 to 1987

[See text, section 9]

TYPE OF GOVERNMENT	1942	1952 ¹	1957 ¹	1962	1967	1972	1977	1982	1987
Total	155,116	116,807	102,392	91,237	81,299	78,269	79,913	81,831	83,237
U.S. Government	1	1	1	1	1	1	1	1	1
State government	48	50	50	50	50	50	50	50	50
Local governments	155,067	166,756	102,341	91,186	81,248	78,218	79,862	81,780	83,186
County	3,050	3,052	3,050	3,043	3,049	3,044	3,042	3,041	3,042
Municipal	16,220	16,807	17,215	18,000	18,048	18,517	18,862	19,076	19,200
Township and town	18,919	17,202	17,198	17,142	17,105	16,991	16,822	16,734	16,691
School district	108,579	67,355	50,454	34,678	21,782	15,781	15,174	14,851	14,721
Special district	8,299	12,340	14,424	18,323	21,264	23,885	25,962	28,078	29,532

¹ Adjusted to include units in Alaska and Hawaii which adopted statehood in 1959.

Source: U.S. Bureau of the Census, *Census of Governments: 1967*, vol. 1, No. 1, *Governmental Organization*, 1982, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4), and *Census of Governments, 1987*, vol. 1, No. 1, *Governmental Organization*.

No. 465. All Governments—Revenue, Expenditure, and Debt: 1980 to 1988

[For fiscal year ending in year shown; see text, section 9. Except for 1987, 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 652-848]

ITEM AND YEAR	All governments (bil. dol.)	FEDERAL ¹		STATE AND LOCAL (bil. dol.)			AVERAGE ANNUAL PERCENT CHANGE ²			PER CAPITA ³ (dollars)		
		Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State	Local	Total	Federal	State and local
Revenue: ⁴ 1980	⁵ 932	565	60.7	⁵ 452	277	258	10.6	12.0	11.2	⁵ 4,115	2,496	1,993
1985	⁵ 1,419	807	56.9	⁵ 720	439	402	7.4	9.7	9.3	⁵ 5,943	3,379	3,016
1987	⁵ 1,696	969	57.1	⁵ 843	517	469	14.3	7.4	7.9	⁵ 6,967	3,980	3,468
1988	⁵ 1,776	1,012	57.0	⁵ 885	542	495	4.4	4.8	7.8	⁵ 7,227	4,118	3,598
Intergovernmental: 1980	(X)	2	(X)	⁵ 83	64	102	(X)	12.3	13.3	(X)	8	367
1985	(X)	2	(X)	⁵ 106	90	138	1.6	6.9	6.2	(X)	8	445
1987	(X)	2	(X)	⁵ 115	102	156	16.3	3.9	6.1	(X)	10	472
1988	(X)	3	(X)	⁵ 118	107	163	15.0	4.9	4.5	(X)	12	478
General, own sources:												
1980	717	417	58.2	299	169	130	9.8	11.4	9.7	3,163	1,842	1,321
1985	1,050	559	53.2	492	276	216	6.0	10.3	10.7	4,400	2,339	2,061
1987	1,236	665	53.8	571	317	254	14.9	7.5	8.8	5,082	2,730	2,352
1988	1,299	690	53.1	610	338	271	3.8	6.6	6.7	5,286	2,808	2,480
Taxes: ⁴ 1980	574	351	61.1	223	137	86	9.2	11.1	8.3	2,535	1,548	986
1985	804	454	56.4	350	216	134	5.3	9.5	9.3	3,369	1,902	1,468
1987	943	539	57.1	405	247	158	14.3	8.3	9.1	3,881	2,216	1,665
1988	998	563	56.4	436	264	172	4.5	6.9	8.9	4,061	2,289	1,772
Property: 1980	68	(X)	(X)	68	3	66	(X)	10.2	7.1	302	(X)	302
1985	104	(X)	(X)	104	4	100	(X)	6.6	8.8	435	(X)	435
1987	121	(X)	(X)	121	5	117	(X)	5.9	8.6	498	(X)	498
1988	132	(X)	(X)	132	5	127	(X)	9.5	8.6	538	(X)	538
Individual income:												
1980	286	244	85.3	42	37	5	10.4	15.0	11.9	1,263	1,077	186
1985	401	331	82.5	70	64	6	6.3	11.5	5.3	1,681	1,386	295
1987	476	393	82.4	84	76	8	12.5	12.7	11.0	1,956	1,613	344
1988	490	401	82.0	88	80	8	2.0	5.3	6.5	1,992	1,632	359
Corporate income:												
1980	78	65	82.9	13	13	-	7.0	13.6	-	344	285	59
1985	80	61	76.2	19	18	2	-1.0	5.8	(X)	337	257	80
1987	107	84	78.7	23	21	2	32.9	12.7	22.6	438	345	93
1988	118	94	80.0	24	22	2	12.2	4.8	5.6	479	383	96
Sales or gross receipts:												
1980	112	⁶ 32	28.6	80	68	12	5.8	9.6	14.7	494	⁶ 141	353
1985	176	⁶ 49	28.0	126	105	21	8.9	9.2	11.7	735	⁶ 206	529
1987	193	⁶ 48	25.1	144	120	24	2.9	6.6	8.1	793	⁶ 199	594
1988	209	⁶ 53	25.3	156	130	26	10.4	8.3	8.3	850	⁶ 214	636
Current charges and miscellaneous: 1980	142	67	46.7	76	32	44	14.3	12.9	13.3	629	294	335
1985	246	104	42.5	142	60	82	9.4	13.3	13.3	1,031	438	593
1987	291	125	43.0	166	70	96	17.4	5.0	8.3	1,201	514	687
1988	301	127	42.1	174	74	100	1.6	5.7	4.2	1,224	517	707
Expenditures: ⁴ 1980	⁵ 959	617	64.4	⁵ 434	258	261	11.5	11.7	10.9	⁵ 4,232	2,724	1,916
1985	⁵ 1,581	1,032	65.3	⁵ 658	391	391	10.8	8.7	8.4	⁵ 6,622	4,323	2,756
1987	⁵ 1,810	1,149	63.5	⁵ 775	456	464	4.8	7.4	8.4	⁵ 7,443	4,719	3,192
1988	⁵ 1,920	1,215	63.2	⁵ 827	485	496	5.7	6.4	6.9	⁵ 7,813	4,942	3,365
Intergovernmental: 1980	(X)	91	(X)	⁵ 2	85	2	14.6	11.3	10.8	(X)	401	8
1985	(X)	107	(X)	⁵ 2	122	4	3.4	7.6	18.1	(X)	449	8
1987	(X)	112	(X)	⁵ 2	141	5	-3.6	7.2	9.3	(X)	458	10
1988	(X)	119	(X)	⁵ 3	152	5	6.3	7.8	1.7	(X)	484	11
Direct: ⁴ 1980	959	526	54.9	432	173	259	11.0	11.9	10.9	4,232	2,323	1,908
1985	1,581	925	58.5	656	269	387	11.9	9.2	8.4	6,622	3,874	2,748
1987	1,810	1,037	57.3	773	314	459	5.7	7.5	8.4	7,443	4,261	3,182
1988	1,920	1,096	57.1	825	333	491	5.7	6.0	8.1	7,813	4,458	3,354
Current operation: 1980	517	209	40.5	308	108	200	7.8	13.3	11.6	2,282	923	1,359
1985	833	360	43.3	472	172	300	11.5	9.7	8.5	3,488	1,509	1,979
1987	962	412	42.8	550	200	350	6.7	7.3	7.7	3,957	1,693	2,264
1988	1,027	436	42.4	591	213	378	5.8	6.5	8.0	4,178	1,773	2,405
Capital outlay: 1980	99	36	36.7	63	23	40	7.4	5.8	9.2	439	161	278
1985	157	77	49.1	80	31	49	16.1	5.6	4.5	657	323	335
1987	195	97	49.6	99	37	61	13.1	7.7	9.2	804	398	406
1988	198	94	47.4	104	41	64	-3.5	10.8	4.9	805	381	424
Debt outstanding: ⁷ 1980	1,250	914	73.2	336	122	214	9.4	11.3	7.7	5,517	4,036	1,481
1985	2,396	1,827	76.3	569	212	357	14.9	11.7	10.8	10,036	7,655	2,382
1987	3,081	2,354	76.6	727	266	462	10.5	7.3	10.2	12,658	9,671	2,987
1988	3,370	2,615	78.0	755	277	478	11.1	4.1	5.5	13,708	10,637	3,072

¹ Represents or rounds to zero. X Not applicable. ² Data adjusted to system for reporting State and local data and therefore differ from figures in section 10 tables. ³ Represents average for period of intervals shown; for 1980, change from 1970. For explanation, see Guide to Tabular Presentation. Minus sign (-) indicates decrease. ⁴ 1980 based on enumerated resident population as of April 1; 1985, 1987 and 1988 based on estimated resident population as of July 1. Excludes intergovernmental amounts. ⁵ Includes amounts, not shown separately. ⁶ Excludes duplicative transactions between levels of government; see source. ⁷ End of fiscal year.

Source: U.S. Bureau of the Census, *Historical Statistics on Governmental Finances and Employment* (GC 82(6)-4); and *Government Finances*, series GF, No. 5, annual.

No. 466. All Governments—Revenue and Expenditure, by Level of Government: 1988

[For fiscal year ending in year shown, see text, section 9. 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 ¹ (dol.)	
					Federal	State and local	Federal	State and local
Revenue	²1,776,398	1,012,343	541,825	²495,044	100.0	100.0	4,118	3,598
Intergovernment revenue	(³)	2,859	107,241	162,713	0.3	13.3	12	478
Revenue from own sources	1,776,398	1,009,484	434,583	332,331	99.7	86.7	4,107	3,120
General revenue from own sources	1,299,255	689,696	338,296	271,263	68.1	69.0	2,806	2,479
Percent of total revenue	73.1	68.1	62.4	54.8	(X)	(X)	(X)	(X)
Taxes	998,291	562,600	264,096	171,595	55.6	49.3	2,289	1,772
Property	132,240	(X)	5,049	127,191	(X)	15.0	(X)	538
Individual income	489,531	401,181	80,133	8,216	39.6	9.9	1,632	359
Corporation income	117,858	94,195	21,607	2,056	9.3	2.7	383	96
Sales and gross receipts	208,977	52,604	130,251	26,122	5.2	17.7	214	636
Customs duties	16,317	16,317	(X)	(X)	1.6	(X)	66	(X)
General sales and gross receipts	105,170	(X)	87,011	18,159	(X)	11.9	(X)	427
Selective sales and gross receipts	87,491	36,287	43,240	7,963	3.6	5.8	148	208
Motor fuel	30,666	12,876	17,213	577	1.3	2.0	52	72
Alcoholic beverages	9,311	5,830	3,188	293	0.6	0.4	24	14
Tobacco products	9,564	4,523	4,842	199	0.5	0.6	19	20
Public utilities	16,202	5,701	6,179	4,321	0.6	1.2	23	42
Motor vehicle and operators' licenses	10,260	(X)	9,613	648	(X)	1.2	(X)	41
Death and gift	10,868	7,594	3,241	34	0.8	0.4	31	13
Charges and misc. general revenue	300,964	127,096	74,199	99,668	12.6	19.7	517	707
Current charges	174,639	80,081	34,436	60,122	7.9	10.7	326	384
National defense and international relations	7,191	7,191	(X)	(X)	0.7	(X)	29	(X)
Postal service	33,986	33,986	(X)	(X)	3.4	(X)	138	(X)
Education	27,034	-	19,324	7,710	3.1	-	-	110
School lunch sales	3,233	(X)	-	3,223	(X)	0.4	(X)	13
Higher education	21,664	-	19,033	2,631	-	2.5	-	88
Natural resources	26,691	25,336	837	519	2.5	0.2	103	5
Hospitals	26,199	56	7,431	18,712	(Z)	3.0	(Z)	106
Sewerage and sanitation	13,482	(X)	20	13,462	(X)	1.5	(X)	54
Parks and recreation	3,136	95	628	2,413	(Z)	0.3	(Z)	12
Housing and community development	5,102	2,561	197	2,344	0.3	0.3	11	10
Air transportation	4,133	24	402	3,707	(Z)	0.5	(Z)	16
Water transport and terminals	2,189	775	351	1,063	(Z)	0.2	3	5
Special assessments	2,558	(X)	136	2,422	(X)	0.3	(X)	10
Sale of property	6,177	5,089	211	876	0.5	0.1	21	4
Interest earnings	62,473	15,166	22,988	24,321	1.5	5.4	62	192
Utility revenue	49,226	(X)	3,030	46,196	(X)	5.6	(X)	200
Liquor stores	3,290	(X)	2,767	524	(X)	0.4	(X)	13
Insurance trust revenue	424,628	319,788	90,491	14,348	31.6	11.9	1,301	426
Expenditure	²1,920,413	1,214,812	485,006	²496,323	100.0	100.0	4,942	3,365
Intergovernment expenditure	(³)	118,906	151,662	5,180	9.8	0.3	484	11
Direct expenditure	1,920,413	1,095,906	333,344	491,163	90.2	99.7	4,458	3,354
General expenditure	1,461,857	759,617	280,517	421,723	62.5	85.0	3,090	2,857
Percent of total expenditure	76.1	62.5	57.8	85.0	(X)	(X)	(X)	(X)
Education	256,960	14,277	64,110	178,574	1.2	29.3	58	987
Elementary and secondary education	169,694	-	1,398	168,296	-	20.5	-	690
Higher education	62,688	-	52,410	10,278	-	7.6	-	255
Public welfare	115,125	28,656	66,570	19,899	2.4	10.5	117	351
Health and hospitals	78,789	16,849	29,381	32,558	1.4	7.5	69	252
Highways	55,998	377	33,732	21,889	(Z)	6.7	2	226
Police protection	30,934	4,657	3,914	22,363	0.4	3.2	19	106
Fire protection	11,753	(X)	(X)	11,753	-	1.4	(X)	47
Corrections	20,131	1,168	12,287	6,676	0.1	2.3	5	77
Natural resources	103,789	81,481	9,807	12,500	6.7	2.7	332	90
Sewerage and sanitation	23,679	(X)	798	22,880	(X)	2.9	(X)	96
Housing and community development	25,212	11,969	1,525	11,718	1.0	1.6	49	53
Governmental administration	48,111	10,691	14,569	22,850	0.9	4.5	44	152
Interest on general debt	202,437	158,119	19,367	24,952	13.0	5.4	643	180
Other	488,940	431,373	24,457	33,110	35.5	7.0	1,755	234
Utility expenditure	67,214	(X)	6,232	60,982	(X)	8.1	(X)	273
Liquor stores expenditure	2,837	(X)	2,378	459	(X)	0.3	(X)	11
Insurance trust expenditure	388,505	336,289	44,217	7,998	27.7	6.3	1,368	212
By character and object:								
Current operation	1,027,037	435,791	213,252	377,994	35.9	71.5	1,773	2,405
Capital outlay	197,845	93,531	40,667	63,647	7.7	12.6	381	424
Construction	89,060	10,468	31,421	47,170	0.9	9.5	43	319
Equip., land and existing structures	106,785	83,063	9,246	16,476	6.8	3.1	338	104
Assistance and subsidies	96,104	72,176	15,000	8,928	5.9	2.9	294	97
Interest on debt (general and utility)	210,922	158,119	20,208	32,596	13.0	6.3	643	214
Insurance benefits and repayments	388,505	336,289	44,217	7,998	27.7	6.3	1,368	212
Expenditure for salaries and wages	430,601	134,912	86,931	208,758	11.1	35.8	549	1,202

- Represents zero or rounds to zero. X Not applicable. Z Less than .05 percent or \$50. ¹ Based on estimated resident population as of July 1. ² Aggregates exclude duplicative transactions between levels of government; see source. ³ Includes amounts not shown separately. ⁴ Includes parks and recreation.

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

No. 467. All Governments—Expenditure for Capital Outlay, by Level of Government and by Function: 1970 to 1988

[In millions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. Except for 1982 and 1987, 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 673-674, Y 740-741, and Y 787-788]

LEVEL AND FUNCTION	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
Total	47,519	66,622	99,386	129,637	148,478	143,094	156,912	176,096	195,147	197,844
Federal Government:										
Total	17,869	21,798	36,492	62,835	80,744	72,456	77,014	85,647	96,871	93,531
Annual percent change	-6.0	4.1	10.9	28.5	28.5	-10.3	6.3	11.2	13.1	-3.4
As percent of direct expenditure	9.7	7.5	6.9	8.8	10.3	8.7	8.3	8.7	9.3	7.7
By function:										
National defense ²	14,027	14,507	28,161	52,958	69,697	60,382	64,154	71,995	78,222	74,790
Education	9	2	97	19	26	58	39	5	13	7
Highways	9	70	132	84	153	187	121	204	173	173
Health and hospitals	166	311	673	827	1,146	1,016	916	1,160	1,327	1,228
Natural resources	1,691	3,416	4,046	4,963	4,500	4,435	4,092	3,651	4,058	3,581
Housing	853	1,059	317	613	1,080	1,471	1,935	2,515	3,642	5,180
Air transportation	234	363	151	115	283	249	785	391	494	407
Water transportation	285	251	1,003	780	634	482	583	245	315	370
All other	595	1,819	1,912	2,476	3,225	4,176	4,389	5,481	8,627	7,792
State and local governments:										
Total	29,650	44,824	62,894	66,802	67,734	70,638	79,898	90,449	96,842	104,313
Annual percent change	5.0	8.6	7.0	1.2	1.4	4.3	13.1	13.2	9.3	5.5
As percent of direct expenditure	20.0	16.7	14.5	12.8	12.0	11.8	12.2	12.6	12.7	12.6
By function:										
Education ⁵	7,621	9,861	10,737	10,855	10,880	11,596	13,477	15,490	17,803	18,529
Higher education	2,705	2,834	2,972	3,696	3,403	3,855	4,629	5,217	6,141	6,397
Elementary and secondary	4,658	6,532	7,362	6,864	7,200	7,258	8,358	10,009	11,355	11,789
Highways	10,762	13,646	19,133	18,178	18,627	20,269	23,900	26,807	28,352	31,635
Health and hospitals	790	1,781	2,443	2,503	2,460	2,366	2,709	2,810	3,029	3,436
Natural resources	789	1,113	1,052	1,072	1,311	1,414	1,736	1,803	2,157	1,894
Housing	1,319	1,821	2,248	3,259	2,921	3,104	3,217	3,516	3,394	3,619
Air transportation	691	852	1,391	1,374	1,408	1,814	1,875	2,183	2,632	2,896
Water transportation	258	419	623	698	716	585	717	911	669	911
Sewerage	1,385	3,569	6,272	5,922	5,806	5,664	5,926	6,461	7,483	8,300
Parks and recreation ⁶	684	1,261	2,023	2,029	2,100	1,962	2,196	2,554	2,838	3,142
Utilities ⁶	2,437	4,846	9,933	12,484	12,870	12,599	13,435	15,340	15,638	14,782
Water	1,201	2,111	3,335	3,689	3,821	3,438	4,160	5,134	6,135	6,052
Electric	820	1,485	4,572	5,603	5,292	5,153	5,247	6,127	5,086	4,473
Transit	366	1,203	1,921	3,072	3,615	3,873	3,830	6,320	4,165	3,998
Gas	50	48	105	120	143	135	198	250	253	259
Other	2,915	5,656	7,039	8,427	8,634	9,265	10,711	12,573	14,645	15,172

¹ Change from prior year shown. 1970, change from 1969. For definition of average annual percent change, see Guide to Tabular Presentation. ⁵ Includes international relations and U.S. service schools. ⁶ Includes community development.

² Includes terminals. ³ Includes other education. ⁴ Beginning 1980, includes outlays by State governments.

Source: U.S. Bureau of the Census, *Census of Governments: 1977, 1982 and 1987*, Vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Government Finances*, series GF No. 5, annual.

No. 468. Federal, State, and Local Government Spending on Public Works: 1980 and 1987

[In millions of dollars, except percent. Public works include expenditures on highways, airports and air traffic control, mass transit, water resources, wastewater, water supply, and solid waste. Represents expenditures from own funds, excluding intergovernmental grants. Data compiled from the Public Works Data Base]

LEVEL AND TYPE OF EXPENDITURE	Total	Highways	Airports	Mass transit	Water resources	Waste water	Water supply	Solid waste
CURRENT DOLLARS								
1980: Total	78,211	33,869	5,048	8,564	6,282	10,286	10,815	3,347
Federal	25,688	9,490	3,139	3,453	3,735	4,720	1,151	-
State	18,483	15,121	275	1,208	1,369	188	322	-
Local	34,040	9,258	1,635	3,902	1,178	5,378	9,342	3,347
Percent: Capital expenditures	49.8	57.3	32.6	32.6	51.3	64.8	44.1	12.7
Operations and maintenance	50.2	42.7	67.4	67.4	48.7	35.2	55.9	87.3
1987: Total	124,652	52,547	8,814	15,122	7,731	15,265	18,709	6,463
Federal	28,891	13,474	4,856	3,340	3,551	3,320	350	-
State	29,489	23,570	386	2,641	2,384	400	108	-
Local	66,272	15,503	3,572	9,142	1,795	11,545	18,252	6,463
Percent: Capital expenditures	42.2	53.8	36.0	22.2	35.2	50.5	34.1	16.4
Operations and maintenance	57.8	46.2	64.0	77.8	64.8	49.5	65.9	83.6
CONSTANT (1984) DOLLARS								
1980: Total	96,483	41,618	6,296	10,625	7,746	12,588	13,390	4,221
Federal	31,159	11,395	3,925	4,224	4,576	5,659	1,380	-
State	22,899	18,745	341	1,475	1,704	234	400	-
Local	42,426	11,477	2,030	4,927	1,467	6,694	11,610	4,221
Percent: Capital expenditures	48.3	55.8	31.4	31.4	49.8	63.5	42.7	12.0
Operations and maintenance	51.7	44.1	68.6	68.6	50.2	36.5	57.3	88.0
1987: Total	13,886	48,207	8,032	13,743	7,041	13,987	17,032	5,844
Federal	26,773	12,574	4,426	3,086	3,258	3,102	327	-
State	26,886	21,495	352	2,418	2,158	365	98	-
Local	60,228	14,138	3,254	8,240	1,625	10,521	16,607	5,844
Percent: Capital expenditures	43.2	54.8	36.9	22.9	36.1	51.5	34.9	16.9
Operations and maintenance	56.8	45.2	63.1	77.1	63.9	48.5	65.1	83.1

- Represents zero.

Source: Apogee Research, Inc., Bethesda, MD, unpublished data.

No. 469. Federal Grants-in-Aid Summary: 1970 to 1992

[For fiscal year ending in year shown; see text, section 9. Minus sign (-) indicates decrease]

YEAR	CURRENT DOLLARS							CONSTANT (1982) DOLLARS	
	Total grants (bil. dol.)	Average annual percent change ¹	Grants to individuals		Grants as percent of—			Total grants (bil. dol.)	Average annual percent change ¹
			Total (bil. dol.)	Percent of total grants	State-local govt. outlays ²	Federal outlays	Gross national product		
1970	24.0	17.2	8.6	35.8	19.0	12.3	2.4	61.2	11.6
1975	49.8	15.7	16.4	33.0	22.6	15.0	3.3	87.1	7.3
1980	91.5	10.4	31.9	34.9	25.8	15.5	3.4	105.9	-0.7
1985	105.9	8.5	48.1	45.4	20.9	11.2	2.7	94.0	4.2
1986	112.4	6.1	52.8	47.0	20.5	11.3	2.7	97.0	3.2
1987	108.4	-3.5	56.4	52.0	18.2	10.8	2.4	90.7	-6.5
1988	115.3	6.4	61.0	52.9	18.2	10.8	2.4	92.5	2.0
1989	121.8	5.6	65.9	54.1	(NA)	10.7	2.4	93.4	1.1
1990, est.	133.8	9.9	74.6	55.8	(NA)	11.2	2.4	98.2	5.1
1991, proj.	143.8	7.5	80.8	56.2	(NA)	11.7	2.4	100.7	-2.5
1992, proj.	149.4	3.9	86.9	58.2	(NA)	11.7	2.4	100.1	-0.6

NA Not available. ¹ Average annual percent change from prior year shown. For explanation, see Guide to Tabular Presentation, 1970, change from 1965. ² Outlays as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism, 1990 Edition*, vol. II, based on *Budget of the United States Government, FY 91*, Table 12.1.

No. 470. Federal Aid to State and Local Governments: 1970 to 1990

[In millions of dollars. For fiscal year ending in year shown; see text, section 9. Includes trust funds. Minus sign (-) indicates previously disbursed funds returned to the Federal Government. See *Historical Statistics, Colonial Times to 1970*, series Y 638-651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1970	1975	1980	1985	1987	1988	1989	1990, est.
Grant-in-aid shared revenue ¹	24,065	49,791	91,451	105,897	108,392	115,294	123,563	133,836
National defense	37	74	93	157	193	188	253	252
Natural resources and environment	411	2,437	5,363	4,069	4,073	3,747	3,606	3,841
Environmental Protection Agency	194	2,025	4,603	3,197	3,251	2,895	2,797	2,958
Energy	25	43	499	529	455	47	420	439
Agriculture	604	404	568	2,420	2,092	2,069	1,359	1,382
Transportation	4,599	5,864	13,087	17,055	16,919	18,083	18,225	18,700
Airports	83	292	590	789	917	825	1,135	1,284
Highways	4,395	4,702	9,209	12,841	12,649	13,926	13,360	13,675
Railroads		(2)	54	35	22	22	15	18
Urban mass transit	105	689	3,129	3,304	3,253	3,227	3,290	3,247
Community and regional development	1,780	2,842	6,486	5,221	4,235	4,267	4,074	5,128
Appalachian development	184	306	335	198	141	141	104	103
Community development block grants	(X)	38	3,902	3,817	2,967	3,050	2,948	3,050
Education, employment, training, social services	6,417	12,133	21,862	17,817	18,657	19,882	21,987	22,833
Compensatory education for the disadvantaged ³	1,470	2,184	3,370	4,194	3,199	4,016	4,165	4,538
School improvement programs ³	86	332	523	479	785	384	846	1,146
Bilingual and immigrant education ³		93	166	111	103	130	132	166
Federally affected areas impact aid	622	577	622	629	695	694	735	752
Vocational and adult education	285	653	854	633	1,225	1,261	824	891
Libraries	105	210	158	79	122	94	131	135
Work incentives	81	304	383	274	137	90	80	-
Social services-block grants to States	574	2,047	2,763	2,743	2,688	2,666	2,671	2,761
Human development services	390	803	1,548	1,807	1,771	1,997	2,571	2,198
Training and employment assistance	954	2,504	6,191	2,775	2,929	2,958	3,020	3,084
Health ¹	3,849	8,810	15,758	24,451	29,466	32,586	36,679	42,928
Alcohol, drug abuse, and mental health ⁴	146	590	679	501	622	720	666	1,188
Medicaid ¹	2,727	6,840	13,957	22,655	27,435	30,462	34,604	40,230
Income security ¹	5,795	9,352	18,495	27,153	29,972	31,620	32,523	35,403
Family support payments to States (AFDC and CSE)	4,142	5,121	7,273	9,169	10,540	10,764	11,166	12,085
Food stamps-administration	559	136	413	886	1,108	1,113	2,075	2,308
Child nutrition and special milk programs ⁴	379	1,565	3,388	3,480	3,922	4,158	4,455	4,868
Housing assistance ⁴	436	1,326	3,435	6,407	7,375	8,618	8,515	9,347
Veterans benefits and services	18	33	90	91	95	106	127	142
Administration of justice	42	725	529	95	234	338	347	473
General government ⁵	479	7,072	8,616	6,838	2,000	1,950	2,204	2,315

- Represents zero. X Not applicable. Z Less than \$500,000. ¹ Includes items not shown separately. ² Includes \$5 million for international affairs subsequently provided to a private institution. ³ The 1983 Budget proposed dismantlement of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED are included in the Foundation for Education Assistance under compensatory education for the disadvantaged, school improvement (formerly titled "Special programs and populations") programs and bilingual and immigrant education. ⁴ Includes grants for payments to individuals. ⁵ Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1990*, and *Budget of the United States Government, 1991*.

No. 471. Federal Aid to State and Local Governments—Selected Programs, by State: 1989

[In millions of dollars, except per capita. For fiscal year ending Sept. 30]

DIVISION, STATE, AND OUTLYING AREAS	FEDERAL AID ¹		OE ³ compensatory education ⁴	EPA ⁵ waste treat- ment facilities con- struction	HHS ⁶		HUD ⁸		ETA ¹⁰ employ- ment/ training	Dept. of Transporta- tion, highway trust fund
	Total	Per capita ² (dol.)			Family Support Admini- stration ⁷	Medi- coid aid	Lower income housing assist- ance ⁹	Communi- ty develop- ment		
Total ¹¹	121,079	481	4,155	2,335	13,724	34,506	6,900	2,942	3,020	13,197
New England	7,598	582	205	201	976	2,517	641	188	136	854
Maine	688	563	22	9	81	257	46	15	13	58
New Hampshire	411	371	10	28	29	108	36	9	8	53
Vermont	356	829	11	14	45	95	23	5	7	49
Massachusetts	3,688	624	102	92	570	1,284	327	96	65	236
Rhode Island	684	686	15	18	78	221	68	20	12	110
Connecticut	1,771	547	45	40	173	552	141	41	31	348
Middle Atlantic	23,660	627	762	554	3,204	8,296	1,497	340	452	1,802
New York	13,700	763	432	301	2,095	5,583	809	312	211	617
New Jersey	3,570	462	130	136	382	1,032	351	92	89	371
Pennsylvania	6,390	531	200	117	727	1,681	337	197	152	814
East North Central	18,934	448	616	359	3,032	5,652	1,025	511	623	1,637
Ohio	4,965	455	135	103	747	1,714	284	133	159	429
Indiana	2,115	378	63	44	167	773	109	55	81	234
Illinois	4,989	428	189	76	695	1,118	342	158	161	564
Michigan	4,553	481	160	76	1,067	1,257	180	111	163	327
Wisconsin	2,312	475	59	60	356	790	100	56	59	226
West North Central	7,999	448	214	177	892	2,198	412	181	181	1,139
Minnesota	2,269	521	47	48	337	710	125	47	44	290
Iowa	1,183	416	33	47	128	354	43	26	30	192
Missouri	2,031	394	64	33	222	510	112	60	57	228
North Dakota	431	654	9	10	25	124	26	6	9	66
South Dakota	464	649	12	9	26	107	32	7	10	101
Nebraska	709	440	19	10	57	167	33	15	12	110
Kansas	912	363	30	20	97	226	41	20	19	152
South Atlantic	18,200	422	655	381	1,579	4,780	1,014	439	566	2,373
Delaware	313	465	14	14	24	63	29	7	7	44
Maryland	2,156	459	65	73	194	544	147	40	49	427
District of Columbia	1,523	2,521	20	11	93	194	49	41	17	71
Virginia	2,119	347	76	59	174	462	145	45	51	382
West Virginia	952	513	36	35	123	263	51	20	28	93
North Carolina	2,498	380	92	40	209	841	148	51	77	262
South Carolina	1,455	414	60	21	97	445	82	40	41	184
Georgia	3,089	480	110	45	286	830	152	63	57	360
Florida	4,095	323	182	83	379	1,139	211	132	105	550
East South Central	7,374	479	307	109	468	2,289	428	161	228	765
Kentucky	1,853	497	70	33	144	636	112	31	57	177
Tennessee	2,353	476	80	31	140	830	128	45	65	190
Alabama	1,802	437	82	25	92	407	117	52	69	288
Mississippi	1,366	521	75	20	92	416	71	33	37	110
West South Central	10,892	403	474	180	610	3,039	565	277	282	1,500
Arkansas	1,106	460	50	7	62	263	59	25	32	108
Louisiana	2,304	526	95	34	156	891	104	53	57	245
Oklahoma	1,508	468	38	9	117	464	94	34	32	217
Texas	5,974	352	291	130	275	1,421	308	165	141	930
Mountain	6,326	468	175	92	443	1,206	310	118	154	1,056
Montana	559	693	13	4	34	123	39	7	13	107
Idaho	501	494	14	8	29	96	19	13	13	111
Wyoming	484	1,018	6	9	16	39	7	2	7	83
Colorado	1,359	410	39	27	111	279	77	23	28	203
New Mexico	907	593	31	7	66	185	35	13	19	131
Arizona	1,305	367	49	11	98	263	73	31	49	174
Utah	822	482	15	16	66	158	26	21	14	176
Nevada	389	351	8	10	23	63	34	8	11	71
Pacific	16,847	440	581	252	2,395	4,319	868	348	451	1,767
Washington	2,294	482	57	23	298	572	89	39	62	356
Oregon	1,426	506	42	24	120	310	58	22	40	134
California	11,936	411	455	177	1,871	3,260	655	279	325	1,010
Alaska	663	1,258	15	6	40	70	36	6	12	192
Hawaii	528	475	12	22	66	107	30	2	12	75
Outlying areas	2,882	811	142	33	131	81	160	120	99	81

¹ Includes other amounts not shown separately. ² Based on Bureau of the Census estimated resident population as of July 1. ³ Office of Education. ⁴ For the disadvantaged. ⁵ Environmental Protection Agency. ⁶ Department of Health and Human Services. ⁷ Includes work incentives, family support payments (Aid to Families with Dependent Children), community service block grant, low income home energy assistance, refugee assistance, and assistance for legalized aliens. ⁸ Department of Housing and Urban Development. ⁹ Includes public housing, housing payments (section 8) to public agencies, and college housing. ¹⁰ Employment and Training Administration, Job Training Partnership Act. ¹¹ Includes \$366 million undistributed by State (programs shown here which are affected are compensatory education (\$23 million), waste treatment facilities construction (\$-1 million), lower income housing assistance (\$-19 million), employment/training (\$1 million), and highway trust fund (\$81 million).

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

No. 472. State and Local Governments—Summary of Finances: 1980 to 1988

[For fiscal year ending in year shown, see text, section 9. Except for 1987, local government amounts included here 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	TOTAL (mil. dol.)			PER CAPITA (dol.) ¹			PERCENT DISTRIBUTION		
	1980	1987	1988	1980	1987	1988	1980	1987	1988
Revenue²	451,537	844,302	884,516	1,993	3,469	3,599	100.0	100.0	100.0
From Federal Government	83,029	114,857	117,602	366	472	479	18.4	13.8	13.3
Public welfare	24,921	45,298	48,375	110	186	197	5.5	5.4	5.5
Highways	9,980	13,243	13,822	40	54	56	2.0	1.6	1.6
Education	14,435	18,379	19,506	64	76	79	3.2	2.2	2.2
Employment security administration	2,056	2,805	2,907	9	12	12	0.5	0.3	0.3
Revenue sharing	6,844	2,451	-	30	10	-	1.5	0.3	0.0
Other and unallocable	25,793	32,683	32,992	114	134	134	5.7	3.9	3.7
From State and local sources	368,508	729,445	766,914	1,627	2,997	3,120	81.6	86.4	86.7
General, net intergovernmental	299,293	572,427	609,559	1,321	2,352	2,480	66.3	67.8	68.9
Taxes	223,463	405,227	435,691	986	1,665	1,773	49.5	48.0	49.3
Property	68,499	121,112	132,240	302	498	538	15.2	14.4	15.0
Sales and gross receipts	79,927	144,563	156,373	353	594	636	17.7	17.1	17.7
Individual income	42,080	83,683	88,350	186	344	360	9.3	9.9	10.0
Corporation income	13,321	22,672	23,663	59	93	96	3.0	2.7	2.7
Other	19,636	33,197	35,065	87	136	143	4.3	3.9	4.0
Charges and miscellaneous	75,830	167,200	173,868	335	687	707	16.8	19.8	19.7
Utility and liquor stores	25,560	50,168	52,516	113	206	214	5.7	6.0	5.9
Water supply system	6,766	14,403	15,315	30	59	62	1.5	1.7	1.7
Electric power system	11,387	24,672	26,240	50	101	107	2.5	2.9	3.0
Transit system	2,397	4,763	4,766	11	20	19	0.5	0.6	0.5
Gas supply system	1,809	2,971	2,905	8	12	12	0.4	0.4	0.3
Liquor stores	3,201	3,358	3,290	14	14	13	0.7	0.4	0.4
Insurance trust revenue ³	43,656	106,850	104,840	193	439	427	9.7	12.7	11.9
Employee retirement	25,441	79,491	77,818	112	327	317	5.6	9.4	8.8
Unemployment compensation	13,529	18,925	17,273	60	78	70	3.0	2.0	2.0
Direct expenditure	432,328	774,590	824,507	1,908	3,182	3,354	100.0	100.0	100.0
By function:									
Direct general expenditure ³	367,340	654,678	702,240	1,621	2,690	2,857	85.0	84.5	85.2
Education ³	133,211	226,619	242,683	588	931	987	30.8	29.3	29.4
Elementary and secondary education	92,930	156,910	169,694	410	645	690	21.5	20.3	20.6
Higher education	33,919	60,073	62,688	150	247	255	7.8	7.8	7.6
Highways	33,311	52,355	55,621	147	215	226	7.7	6.8	6.8
Public welfare	45,552	80,220	86,469	201	330	352	10.5	10.4	10.5
Health	8,387	16,903	18,488	37	70	75	1.9	2.2	2.3
Hospitals	23,787	40,184	43,452	105	165	177	5.5	5.2	5.3
Police protection	13,494	24,742	26,277	60	102	107	3.1	3.2	3.2
Fire protection	5,718	10,453	11,753	25	43	48	1.3	1.4	1.4
Natural resources	5,509	9,843	10,238	24	41	42	1.3	1.3	1.3
Sanitation and sewerage	13,214	21,647	23,679	58	89	96	3.1	2.8	2.9
Housing and community development	6,062	11,770	13,243	27	48	54	1.4	1.5	1.6
Parks and recreation	6,520	11,018	12,070	29	45	49	1.5	1.4	1.5
Financial administration	6,719	12,872	13,589	30	53	55	1.6	1.7	1.7
General control	8,897	17,186	19,043	38	71	78	2.0	2.2	2.3
Interest on general debt ⁴	14,747	41,891	44,318	65	172	180	3.4	5.4	5.4
Utility and liquor stores ⁵	36,191	69,108	70,052	160	284	285	8.4	8.9	8.5
Water supply system	9,228	18,467	18,867	41	76	77	2.1	2.4	2.3
Electric power system	15,016	28,951	29,047	66	119	118	3.5	3.7	3.5
Transit system	7,841	15,860	16,476	34	65	67	1.8	2.1	2.0
Gas supply system	1,715	2,895	2,825	8	12	12	0.4	0.4	0.4
Liquor stores	2,591	2,936	2,837	11	12	12	0.6	0.4	0.4
Insurance trust expenditure ⁵	28,797	50,804	52,216	127	209	213	6.7	6.6	6.3
Employee retirement	14,008	29,603	32,125	62	122	131	3.2	3.8	3.9
Unemployment compensation	12,070	15,248	13,093	53	63	59	2.8	2.0	1.6
By character and object:									
Current operation	307,811	551,091	591,247	1,359	2,264	2,405	71.2	71.2	71.7
Capital outlay	62,894	98,842	104,314	278	406	424	14.5	12.8	12.7
Construction	51,492	74,162	78,592	227	305	320	11.9	9.6	9.5
Equipment, land and existing structures	11,402	24,679	25,722	50	101	105	2.6	3.2	3.1
Assistance and subsidies	15,222	23,466	23,928	67	97	97	3.5	3.0	2.9
Interest on debt (general and utility)	17,604	50,387	52,803	78	207	215	4.1	6.5	6.4
Insurance benefits and repayments	28,797	50,804	52,216	127	209	213	6.7	6.6	6.3
Expenditure for salaries and wages	163,896	274,734	295,690	723	1,129	1,203	37.9	35.5	35.9
Debt outstanding, end of year	335,803	727,132	755,034	1,481	2,987	3,072	100.0	100.0	100.0
Long-term	322,456	711,219	739,298	1,423	2,922	3,008	96.1	97.8	97.9
Short-term	13,147	15,913	15,736	58	65	64	3.9	2.2	2.1
Long-term debt:									
Issued	42,364	134,358	89,703	187	552	365	(X)	(X)	(X)
Retired	17,404	83,037	63,759	77	341	259	(X)	(X)	(X)

¹ Represents or rounds to zero. X Not applicable. ² Based on estimated resident population as of July 1; except 1980 based on enumerated resident population as of April 1, 1980. ³ Aggregates exclude duplicative transactions between State and local governments; see source. ⁴ Includes amounts not shown separately. ⁵ Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)."

Source: U.S. Bureau of the Census, *Historical Statistics on Governmental Finances and Employment* (GC 82(6)-4) and *Government Finances*, series GF, No. 5, annual.

No. 473. State and Local Government Receipts and Expenditures in the National Income and Product Accounts: 1970 to 1989

[In billions of dollars. For explanation of national income, see text, section 14]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
Receipts	135.8	390.0	449.4	487.7	540.5	581.8	626.3	655.2	697.6	749.9
General, own source	102.1	271.6	329.7	363.0	406.7	438.9	472.5	503.3	533.8	575.0
Personal tax and nontax receipts	23.6	82.6	104.9	116.1	129.8	140.2	51.0	165.8	176.5	194.8
Income taxes	10.9	42.6	51.9	58.3	67.6	72.2	77.6	86.2	90.1	101.7
Nontaxes	8.3	31.5	43.2	47.4	51.3	56.2	61.2	65.9	71.6	77.6
Corporate profits tax accruals	3.7	14.5	14.0	15.9	18.7	20.2	22.5	23.7	25.7	24.7
Indirect business tax and nontax accruals	74.8	174.5	210.8	231.0	258.2	278.5	298.5	313.8	331.7	355.6
Sales taxes	31.6	82.9	96.2	106.6	120.8	131.0	140.0	149.3	160.7	170.9
Property taxes	36.7	68.8	85.3	91.9	99.7	107.1	114.6	121.3	127.9	139.9
Contributions for social insurance	9.2	29.7	35.8	38.5	40.2	43.2	47.1	49.3	52.7	56.7
Federal grants-in-aid	24.4	88.7	83.9	86.2	93.6	99.7	106.8	102.6	111.1	118.2
Expenditures	134.0	363.2	414.3	440.2	475.9	516.7	563.5	604.1	651.1	703.5
Purchases of goods and services	119.4	322.2	369.0	391.5	425.3	465.6	505.7	540.2	582.3	625.6
Compensation of employees	71.1	192.2	226.9	241.7	258.5	278.8	300.3	321.1	345.8	373.0
Transfer payments to persons	20.1	65.7	79.9	86.5	93.7	101.1	110.9	119.7	131.6	145.9
Net interest paid	-1.8	-17.0	24.4	-26.2	-28.4	-32.4	-34.4	-34.9	-38.5	40.2
Less: Dividends received	0.2	1.9	2.9	2.8	3.5	4.5	5.5	6.4	7.8	9.1
Subsidies	-3.6	-5.8	-7.3	-8.8	11.3	-13.1	-13.2	-14.4	-16.5	-18.8
Surplus	1.8	26.8	35.1	47.5	64.6	65.1	62.8	51.0	46.5	46.4

¹ Includes other items not shown separately. ² Interest paid less interest received. ³ Less current surplus of government.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

No. 474. New Issues of Long-Term State and Local Government Securities: 1970 to 1988

[In billions of dollars. Beginning 1982, includes outlying areas]

ITEM	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
All issues, new capital and refunding	18.2	48.5	79.0	85.1	108.0	222.2	151.2	105.7	116.8	125.1
General obligations	11.9	14.1	21.1	21.5	26.7	54.1	42.7	30.5	29.4	37.2
Revenue	6.1	34.3	58.0	63.6	81.3	168.1	108.5	75.2	87.4	87.9
Type of issuer:										
State	4.2	5.3	10.3	9.2	9.1	13.1	14.7	9.8	9.3	11.7
Special district and statutory authority	5.6	27.0	43.3	48.6	64.5	138.6	85.1	61.6	68.3	69.7
Municipalities, counties, townships	8.4	16.1	25.4	27.3	34.3	70.5	51.4	34.3	39.2	43.7
Issues for new capital, total	18.1	46.7	74.8	71.1	95.2	160.0	80.8	55.3	77.2	81.1
Use of proceeds:										
Education	5.0	4.6	6.5	8.2	7.9	16.6	11.4	9.1	13.5	13.8
Transportation	3.2	2.6	6.3	4.4	7.6	12.1	7.8	3.9	7.1	9.0
Roads, bridges	1.5	1.1	1.7	1.3	2.0	4.7	4.2	1.7	2.4	2.9
Utilities and conservation	3.5	8.0	13.5	18.0	27.0	13.1	110.6	9.8	9.8	12.8
Electric and gas	0.9	3.4	7.1	6.3	6.8	10.9	5.1	1.8	0.7	2.3
Social welfare	1.2	19.4	25.6	25.4	29.4	63.3	12.5	10.5	16.6	14.8
Public housing	0.5	15.5	14.9	17.4	19.3	37.2	8.7	7.0	10.9	6.9
Industrial aid	0.1	1.7	2.9	3.6	15.7	14.1	4.7	2.4	2.5	3.4
Other	5.1	10.4	19.2	16.0	16.6	26.9	31.3	18.8	27.7	27.3

¹ Includes school districts.

Source: Public Securities Association, New York, NY, *Statistical Yearbook of Municipal Finances*, periodic, and IDD/PSA Municipal Database.

No. 475. State and Local Governments—Indebtedness: 1980 to 1988

[In billions of dollars, except per capita. As of end of fiscal year; see text, section 9. Except for 1987, local government amounts are estimates subject to sampling variation; see source and Appendix III. 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 ¹ (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools ²	Utilities	All other				
1980: Total	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State	122.0	540	3.8	4.6	111.5	2.1	79.8	16.4	5.7
Local	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7
1985: Total	568.6	2,382	43.8	90.8	414.5	19.6	430.5	101.2	43.5
State	211.9	890	6.7	8.6	193.8	2.8	110.4	41.7	16.4
Local	356.7	1,494	37.1	82.2	220.6	16.8	320.1	59.5	27.2
1987: Total	727.1	2,987	49.2	120.5	541.5	15.9	518.3	134.4	83.0
State	265.6	1,094	7.9	11.9	244.1	1.6	143.4	50.2	33.3
Local	461.6	1,896	41.3	108.6	297.3	14.3	375.0	84.1	49.8
1988: Total	755.0	3,072	47.5	124.9	566.9	15.7	425.4	89.7	63.8
State	276.8	1,129	3.3	12.2	260.0	1.3	108.8	36.4	26.1
Local	478.2	1,946	44.2	112.7	306.9	14.4	316.5	53.3	37.6

¹ 1980 based on enumerated resident population as of April 1; 1985, 1987 and 1988 based on estimated resident population as of July 1. ² Includes debt for education activities other than higher education.

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

No. 476. State and Local Governments—Revenue, Expenditure, and Debt

[In millions of dollars, except as indicated. For fiscal years ending in year shown; see text, section 9. Except for 1982

YEAR, DIVISION, AND STATE	GENERAL REVENUE											Per \$1,000 person- al in- come ³ (dol.)
	Total ¹	Amount from—					Per capita ² (dol.)					
		Federal Government	Taxes			Current charges	Total		Taxes			
			Total	Prop- erty	Other		Amount	Rank	Total	Rank		
1970.	130,756	21,857	86,795	34,054	52,741	14,873	643	(X)	427	(X)	176	
1980.	382,322	83,029	223,463	68,499	154,964	44,373	1,688	(X)	987	(X)	198	
1982.	457,654	87,282	266,390	82,067	184,322	56,920	2,020	(X)	1,176	(X)	190	
1983.	486,753	90,007	284,436	89,105	195,332	62,625	2,078	(X)	1,214	(X)	172	
1984.	542,730	96,935	320,194	96,457	223,737	69,022	2,295	(X)	1,354	(X)	175	
1985.	598,121	106,158	350,367	103,757	246,610	74,323	2,505	(X)	1,468	(X)	180	
1986.	641,458	113,099	373,051	111,711	261,340	80,400	2,661	(X)	1,547	(X)	182	
1987.	687,284	114,857	405,227	121,112	284,115	87,447	2,823	(X)	1,665	(X)	182	
U.S., 1988.	727,161	117,602	435,691	132,240	303,452	94,558	2,958	(X)	1,772	(X)	179	
New England:												
Maine	3,584	730	2,207	700	1,508	308	2,974	22	1,832	16	197	
New Hampshire	2,590	381	1,597	1,016	581	317	2,387	41	1,472	36	123	
Vermont	1,765	353	1,037	418	619	197	3,168	13	1,862	14	207	
Massachusetts	19,651	3,376	12,722	4,068	8,654	1,924	3,337	10	2,160	7	160	
Rhode Island	3,051	588	1,828	700	1,128	293	3,072	16	1,841	15	182	
Connecticut	10,801	1,521	7,371	2,945	4,425	783	3,341	9	2,280	4	145	
Middle Atlantic:												
New York	79,239	12,514	52,546	15,398	37,148	7,735	4,425	4	2,934	3	229	
New Jersey	26,405	3,765	17,116	7,203	9,913	2,695	3,420	8	2,217	6	155	
Pennsylvania	31,851	5,389	19,531	5,272	14,259	3,117	2,654	31	1,627	26	163	
East North Central:												
Ohio	28,224	4,754	17,027	4,792	12,235	3,711	2,600	36	1,569	28	167	
Indiana	13,456	2,169	8,006	2,477	5,529	2,298	2,422	40	1,441	38	162	
Illinois	31,673	4,869	20,692	7,289	13,404	3,050	2,727	28	1,782	19	155	
Michigan	28,708	4,559	17,407	6,618	10,789	3,957	3,107	14	1,884	13	188	
Wisconsin	14,642	2,379	9,170	3,224	5,946	1,964	3,016	19	1,889	12	194	
West North Central:												
Minnesota	15,556	2,463	8,992	2,683	6,308	2,192	3,612	5	2,088	9	217	
Iowa	8,033	1,248	4,703	1,810	2,893	1,353	2,834	24	1,660	24	193	
Missouri	11,439	1,813	7,051	1,521	5,530	1,574	2,225	50	1,372	41	144	
North Dakota	2,003	442	958	278	680	359	3,003	20	1,436	39	234	
South Dakota	1,834	430	943	384	559	203	2,572	37	1,322	44	202	
Nebraska	4,440	704	2,495	1,032	1,463	807	2,772	26	1,557	29	188	
Kansas	6,869	918	4,182	1,456	2,726	940	2,753	27	1,676	23	175	
South Atlantic:												
Delaware	2,259	320	1,201	171	1,030	393	3,422	7	1,820	17	194	
Maryland	14,912	2,277	9,673	2,345	7,328	1,410	3,226	12	2,093	8	166	
District of Columbia	3,980	1,495	2,060	609	1,451	212	6,450	2	3,339	2	302	
Virginia	15,941	2,317	10,146	2,853	7,293	2,299	2,650	33	1,687	21	150	
West Virginia	4,314	1,011	2,273	429	1,844	524	2,300	46	1,212	48	196	
North Carolina	15,385	2,481	9,619	2,014	7,605	1,864	2,371	42	1,482	34	166	
South Carolina	8,221	1,471	4,641	1,109	3,531	1,438	2,369	43	1,337	42	183	
Georgia	17,069	2,931	9,456	2,517	6,939	3,267	2,691	30	1,491	33	176	
Florida	32,073	3,776	18,804	6,105	12,699	4,951	2,600	35	1,524	31	157	
East South Central:												
Kentucky	8,654	1,807	4,737	814	3,923	1,104	2,322	45	1,271	45	181	
Tennessee	11,237	2,307	6,080	1,334	4,746	1,972	2,296	47	1,242	47	165	
Alabama	9,654	2,113	4,683	543	4,140	1,876	2,354	44	1,142	49	183	
Mississippi	5,940	1,399	2,850	699	2,150	1,198	2,267	48	1,088	51	204	
West South Central:												
Arkansas	4,801	1,028	2,665	482	2,184	666	2,004	51	1,113	50	164	
Louisiana	11,611	2,143	5,857	947	4,910	1,760	2,634	34	1,329	43	214	
Oklahoma	8,096	1,317	4,548	860	3,688	1,348	2,497	39	1,403	40	187	
Texas	42,518	6,000	25,186	9,737	15,448	5,628	2,525	38	1,495	32	173	
Mountain:												
Montana	2,463	581	1,238	539	699	222	3,060	18	1,538	30	238	
Idaho	2,263	456	1,264	358	906	372	2,256	49	1,260	46	178	
Wyoming	2,248	453	980	438	542	283	4,692	3	2,046	10	345	
Colorado	9,758	1,368	5,564	1,993	3,571	1,499	2,956	23	1,686	22	180	
New Mexico	4,627	721	2,218	246	1,973	533	3,070	17	1,472	35	246	
Arizona	9,456	1,161	5,898	1,836	4,063	1,120	2,710	29	1,690	20	181	
Utah	4,484	888	2,467	676	1,791	636	2,653	32	1,460	37	218	
Nevada	2,964	385	1,745	402	1,342	485	2,813	25	1,655	25	161	
Pacific:												
Washington	13,937	2,441	8,286	2,412	5,874	2,035	2,999	21	1,783	18	182	
Oregon	8,502	1,665	4,433	2,090	2,344	1,180	3,072	15	1,602	27	206	
California	93,902	14,551	55,168	15,381	39,786	13,564	3,316	11	1,948	11	177	
Alaska	6,281	801	1,889	662	1,227	492	11,986	1	3,605	1	628	
Hawaii	3,801	575	2,480	354	2,126	453	3,461	6	2,259	5	207	

X Not applicable. ¹ Includes miscellaneous revenue, not shown separately. ² Data for 1970 and 1980-1982 based on enumerated resident population as of April 1, 1970 and 1980, respectively; 1983-1988 based on estimated resident population as of July 1.

Debt and Expenditures

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1970 to 1988, and by State, 1988

and 1987, local government amounts included here are estimates subject to sampling variation; see source and Appendix III]

DEBT OUTSTANDING			DIRECT GENERAL EXPENDITURE								CAPITAL OUTLAY ⁴		YEAR, DIVISION, AND STATE
Total	Per cap- ita ² (dol.)	Rank	Total	Per cap- ita ² (dol.)	Rank	Educa- tion	High- ways	Public wel- fare	Health, hospitals	All other	Total	Per cap- ita ² (dol.)	
143,570	706	(X)	131,332	646	(X)	52,718	16,427	14,679	9,668	37,840	29,650	146	1970
335,603	1,482	(X)	367,340	1,622	(X)	133,211	33,311	45,552	32,174	123,082	62,894	278	1980
404,579	1,786	(X)	435,103	1,921	(X)	154,283	34,520	56,216	40,882	149,202	66,802	296	1982
454,501	1,940	(X)	464,752	1,984	(X)	163,876	36,555	59,157	43,750	161,314	67,734	289	1983
506,330	2,141	(X)	503,375	2,128	(X)	178,108	39,419	64,709	46,419	176,720	70,651	299	1984
568,633	2,382	(X)	552,033	2,312	(X)	192,686	44,988	69,523	49,678	195,157	79,901	335	1985
658,875	2,733	(X)	603,684	2,504	(X)	210,819	49,368	73,875	53,613	216,009	90,457	375	1986
727,132	2,987	(X)	654,678	2,690	(X)	226,619	52,355	80,220	57,088	238,397	98,842	406	1987
755,034	3,072	(X)	702,240	2,857	(X)	242,683	55,621	86,469	61,940	255,527	104,314	424	U.S., 1988
2,740	2,274	39	3,244	2,693	25	1,138	303	542	151	1,110	433	359	New England:
3,454	3,183	25	2,649	2,441	38	966	302	278	146	957	391	361	Maine
1,317	2,365	37	1,631	2,928	19	677	179	197	59	519	175	314	New Hampshire
20,793	3,531	17	19,353	3,286	8	5,433	1,065	3,294	1,849	7,712	2,542	432	Vermont
3,541	3,566	16	3,034	3,056	12	976	213	494	223	1,128	340	342	Massachusetts
11,117	3,438	22	10,553	3,264	9	3,283	980	1,308	782	4,199	1,334	412	Rhode Island
80,378	4,488	8	75,225	4,200	4	21,732	3,967	12,669	7,785	29,072	9,816	548	Connecticut
30,116	3,901	11	25,453	3,297	6	8,348	2,156	2,940	1,504	10,505	3,308	548	Middle Atlantic:
39,423	3,285	23	30,215	2,518	36	10,850	2,611	4,583	1,636	10,535	3,375	281	New York
20,342	1,874	45	28,004	2,580	31	10,186	2,009	4,484	2,350	8,975	3,621	334	New Jersey
8,086	1,455	50	12,748	2,294	41	5,365	1,008	1,475	1,278	3,622	1,615	291	Pennsylvania
28,145	2,423	36	30,329	2,611	28	10,289	2,707	3,980	1,867	11,486	4,348	374	East North Central:
19,605	2,122	42	28,850	3,122	11	10,985	1,725	4,395	2,921	8,824	3,315	359	Ohio
10,197	2,100	43	14,309	2,947	17	5,659	1,144	2,310	904	4,293	1,451	289	Indiana
17,806	4,134	10	14,947	3,470	5	5,047	1,422	2,142	1,222	5,114	2,373	551	Illinois
4,701	1,659	49	7,511	2,650	26	3,037	948	897	694	1,935	1,097	387	Michigan
9,165	1,783	48	10,996	2,139	50	4,268	993	1,149	1,147	3,438	1,648	320	Wisconsin
1,633	2,448	35	1,948	2,921	20	741	244	243	80	640	264	395	West North Central:
1,988	2,789	30	1,679	2,355	39	595	258	164	90	572	323	453	Minnesota
6,157	3,843	12	4,160	2,597	29	1,624	458	437	446	1,195	732	457	Iowa
7,090	2,842	29	6,393	2,562	32	2,468	778	561	541	2,045	869	348	Missouri
3,749	5,680	3	2,174	3,294	7	804	210	132	115	913	291	441	South Dakota
14,431	3,122	26	13,648	2,953	16	4,613	1,381	1,551	567	5,537	2,419	523	North Dakota
3,838	6,221	2	3,569	5,785	2	603	141	613	423	1,789	573	928	Nebraska
12,015	1,997	44	15,864	2,637	27	6,111	1,736	1,215	1,464	5,339	2,623	436	Kansas
5,427	2,893	27	4,281	2,282	43	1,627	519	490	288	1,356	533	284	South Atlantic:
14,032	2,162	41	14,735	2,271	45	6,177	1,224	1,419	1,405	4,510	2,607	402	Delaware
8,893	2,563	32	7,958	2,293	42	3,245	577	653	1,133	2,350	1,318	380	Maryland
15,600	2,460	34	16,460	2,595	30	5,776	1,323	1,656	2,872	4,833	3,306	521	District of Columbia
43,262	3,507	19	31,514	2,555	33	9,977	2,691	2,424	3,029	13,392	6,265	508	Virginia
12,927	3,468	21	8,465	2,271	44	3,000	873	1,128	611	2,853	1,275	342	West Virginia
11,178	2,283	38	10,972	2,242	47	3,628	1,003	1,477	1,370	3,494	1,774	362	North Carolina
9,040	2,204	40	9,149	2,230	48	3,518	849	698	1,389	2,695	1,337	326	South Carolina
4,731	1,806	47	5,881	2,245	46	2,208	520	632	942	1,579	738	282	Georgia
4,363	1,822	46	4,667	1,948	51	1,959	484	559	420	1,245	671	280	East South Central:
19,856	4,504	7	11,131	2,525	35	3,383	956	1,108	1,343	4,342	1,536	348	Kentucky
8,007	2,470	33	7,481	2,307	40	2,818	711	943	755	2,254	1,149	354	Tennessee
59,320	3,522	18	41,402	2,458	37	16,578	4,415	3,025	3,258	14,127	8,765	520	Alabama
2,289	2,843	28	2,265	2,814	24	864	280	248	124	749	288	357	Mississippi
1,207	1,204	51	2,232	2,226	49	821	256	201	269	685	397	396	West South Central:
2,198	4,588	6	2,050	4,279	3	764	267	91	274	654	442	923	Arkansas
11,975	3,628	15	9,538	2,889	21	3,523	842	894	718	3,560	1,741	527	Louisiana
5,237	3,475	20	4,281	2,841	23	1,574	449	370	343	1,544	785	521	Oklahoma
18,698	5,359	5	10,398	2,980	13	3,936	1,218	829	451	3,964	2,709	777	Texas
9,293	5,499	4	4,284	2,535	34	1,830	373	379	300	1,402	715	423	Mountain:
3,831	3,635	14	3,090	2,931	18	915	293	177	213	1,491	605	574	Montana
20,304	4,368	9	13,334	2,869	22	5,067	1,073	1,468	975	4,749	2,802	603	Idaho
10,487	3,790	13	8,194	2,961	15	3,115	563	650	568	3,299	899	325	Wyoming
76,537	2,703	31	91,729	3,240	10	28,558	4,193	12,271	8,273	38,434	11,115	393	Colorado
10,925	20,850	1	5,002	9,546	1	1,141	542	310	149	2,861	666	1,272	New Mexico
3,591	3,270	24	3,262	2,970	14	883	186	317	224	1,652	598	545	Arizona
													Utah
													Nevada
													Pacific:
													Washington
													Oregon
													California
													Alaska
													Hawaii

³ 1970 to 1982, based on personal income for the previous calendar year; beginning 1983 based on income for calendar year.
⁴ Includes general functions, liquor stores, and utilities.

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

No. 477. State Governments—Revenue,

[Data will not match other tables due to later revisions. In millions of dollars, except as indicated.]

YEAR, DIVISION, AND STATE	Total revenue ¹	GENERAL REVENUE								DEBT OUT- STAND- ING
		Total		Per capita ²		Intergovern- mental revenue		Taxes	Charges and miscel- laneous	
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local governments			Total
1970	88,939	77,755	(X)	384	(X)	12,252	995	47,962	9,545	42,008
1980	276,962	233,592	(X)	1,034	(X)	61,892	2,434	137,075	32,190	121,958
1983	357,661	290,480	(X)	1,243	(X)	68,985	3,742	171,440	46,312	167,290
1984	397,087	330,740	(X)	1,402	(X)	76,140	5,310	196,795	52,495	186,377
1985	439,416	365,835	(X)	1,536	(X)	84,434	5,453	215,893	60,055	211,917
1986	481,279	393,475	(X)	1,636	(X)	92,666	5,908	228,053	66,848	247,715
1987	517,217	419,487	(X)	1,728	(X)	95,463	6,918	246,933	70,173	265,551
U.S., 1988	541,426	445,138	(X)	1,815	(X)	100,478	6,763	264,146	73,751	276,786
New England:										
Maine	2,909	2,582	39	2,143	14	631	3	1,506	443	1,724
New Hampshire	1,771	1,388	48	1,280	50	329	41	583	435	2,705
Vermont	1,400	1,247	49	2,239	10	330	5	616	297	925
Massachusetts	14,721	13,636	10	2,315	7	2,712	201	8,521	2,202	13,831
Rhode Island	2,722	2,244	41	2,260	9	534	59	1,124	527	2,871
Connecticut	8,110	7,019	20	2,171	12	1,311	32	4,373	1,302	8,266
Middle Atlantic:										
New York	57,278	46,262	2	2,583	5	11,008	3,576	26,171	5,507	41,882
New Jersey	20,957	16,647	9	2,156	13	3,453	134	9,762	3,298	17,410
Pennsylvania	23,824	19,435	4	1,619	33	4,680	62	11,825	2,868	9,303
East North Central:										
Ohio	25,642	17,358	7	1,599	35	4,036	177	9,991	3,154	9,800
Indiana	9,744	8,942	18	1,809	34	1,908	84	5,312	1,638	3,085
Illinois	20,549	17,850	6	1,537	40	3,909	103	11,079	2,780	13,149
Michigan	21,549	18,479	5	2,000	18	4,116	537	10,515	3,311	8,464
Wisconsin	12,061	9,716	14	2,001	17	2,171	54	6,006	1,486	5,012
West North Central:										
Minnesota	11,502	9,776	13	2,270	8	2,112	90	6,192	1,381	3,607
Iowa	5,821	4,940	29	1,743	22	1,084	53	2,849	954	1,365
Missouri	8,150	7,016	21	1,365	48	1,567	11	4,406	1,033	4,569
North Dakota	1,646	1,471	46	2,205	11	394	20	664	393	797
South Dakota	1,393	1,170	50	1,641	31	366	6	477	302	1,554
Nebraska	2,624	2,456	40	1,533	41	578	18	1,343	518	1,359
Kansas	4,390	3,877	33	1,554	39	838	14	2,445	579	368
South Atlantic:										
Delaware	2,014	1,822	42	2,760	4	290	2	996	533	2,756
Maryland	11,942	9,356	15	2,024	15	1,864	87	5,831	1,575	5,616
Virginia	11,833	10,190	12	1,694	27	2,019	132	6,137	1,902	4,513
West Virginia	3,701	3,247	36	1,731	23	966	17	1,744	521	2,464
North Carolina	12,727	10,546	11	1,625	32	2,137	182	6,843	1,384	2,728
South Carolina	7,344	5,794	25	1,670	29	1,327	58	3,438	971	3,645
Georgia	10,892	9,278	16	1,463	44	2,450	39	5,782	1,007	3,138
Florida	19,393	16,894	8	1,370	47	3,109	126	11,491	2,167	8,296
East South Central:										
Kentucky	7,371	6,334	24	1,700	26	1,643	11	3,664	1,016	5,040
Tennessee	7,798	6,853	22	1,400	46	2,076	16	3,855	906	2,254
Alabama	8,022	6,504	23	1,585	37	1,711	34	3,374	1,384	3,180
Mississippi	4,610	3,915	32	1,494	43	1,234	22	2,126	532	1,470
West South Central:										
Arkansas	3,959	3,448	35	1,440	45	940	6	2,022	480	1,639
Louisiana	7,845	7,606	19	1,725	24	1,894	26	3,776	1,910	11,257
Oklahoma	6,425	5,398	27	1,665	30	1,165	23	3,150	1,060	3,753
Texas	26,659	22,495	3	1,336	49	5,113	24	13,426	3,933	7,120
Mountain:										
Montana	2,026	1,593	44	1,979	20	514	14	715	350	1,237
Idaho	1,929	1,566	45	1,562	38	417	19	906	225	677
Wyoming	1,691	1,453	47	3,033	2	421	15	573	443	838
Colorado	6,527	5,027	28	1,523	42	1,173	17	2,726	1,111	2,289
New Mexico	4,136	3,564	34	2,365	6	622	25	1,793	1,123	1,741
Arizona	6,868	5,573	26	1,597	36	943	79	3,722	829	1,992
Utah	3,691	2,995	38	1,772	21	768	22	1,602	603	1,515
Nevada	2,524	1,778	43	1,687	28	299	10	1,223	246	1,362
Pacific:										
Washington	12,465	9,220	17	1,984	19	1,954	187	5,995	1,084	4,272
Oregon	6,266	4,761	30	1,721	25	1,317	34	2,111	1,299	6,810
California	73,227	56,682	1	2,002	16	12,795	242	36,074	7,572	24,116
Alaska	5,158	4,606	31	8,790	1	741	5	1,251	2,608	6,097
Hawaii	3,619	3,127	37	2,848	3	493	5	2,039	591	2,928

X Not applicable. ¹ Includes liquor stores, utilities, and insurance trust activities, not shown separately. ² 1970 based on enumerated resident population as of April 1, 1970. 1980 based on enumerated resident population as of April 1, 1980. 1983-1988 based on estimated resident population as of July 1.

Debt, and Expenditure 1970 to 1988, and by State, 1988

Data will not match other tables due to later revisions]

DEBT OUT- STAND- ING—Con.		Total expendi- tures ¹	GENERAL EXPENDITURES								YEAR, DIVISION, AND STATE
Per capita ²			Total ³			Selected functions					
Total (dol.)	Rank		Amount	Per capita ²		Educa- tion	Public welfare	High- ways	Health and hospi- tals	Natural re- sources	
				Total (dol.)	Rank						
207	(X)	85,055	77,642	383	(X)	30,865	13,206	13,483	5,355	2,223	1970
540	(X)	257,812	228,223	1,010	(X)	87,939	44,219	25,044	17,855	4,346	1980
716	(X)	333,689	284,691	1,218	(X)	107,703	57,544	26,431	23,557	5,834	1983
790	(X)	351,182	309,775	1,313	(X)	116,058	62,749	28,840	24,982	5,945	1984
89	(X)	390,742	345,047	1,449	(X)	128,604	67,264	33,154	27,595	6,758	1985
1,030	(X)	424,205	376,429	1,585	(X)	140,189	72,464	36,661	30,131	7,312	1986
1,094	(X)	455,700	403,942	1,664	(X)	149,901	78,454	38,273	32,131	7,816	1987
1,129	(X)	484,667	432,179	1,763	(X)	159,500	84,235	40,681	34,872	8,310	U.S., 1988
1,430	16	2,500	2,240	1,859	18	756	545	206	123	68	New Eng.:
2,493	7	1,610	1,420	1,309	49	333	253	202	140	30	ME
1,660	14	1,268	1,189	2,135	10	420	205	135	56	33	NH
2,349	9	15,367	14,258	2,421	4	3,298	3,368	673	1,349	204	MA
2,891	3	2,480	2,189	2,205	8	622	501	158	222	17	RI
2,557	5	7,518	6,892	2,132	11	1,818	1,227	735	741	60	CT
2,338	10	50,429	42,592	2,378	5	12,182	12,232	1,828	4,284	256	Mid. Atl.:
2,255	11	18,952	16,274	2,108	12	4,759	2,822	1,582	1,138	179	NY
775	35	21,397	18,635	1,553	33	5,862	4,629	2,214	1,407	310	NJ
903	29	21,395	17,306	1,594	30	6,316	4,073	1,614	1,362	151	PA
555	44	8,848	8,400	1,512	37	3,661	1,447	903	604	117	E. No. Cent.:
1,132	24	19,212	17,451	1,503	38	5,962	3,812	1,941	1,078	225	OH
916	28	20,377	18,069	1,956	16	6,116	4,310	1,237	2,190	258	IN
1,032	26	9,822	9,074	1,869	17	3,164	1,987	646	611	159	IL
837	34	9,648	8,835	2,051	14	3,286	1,679	886	633	234	W. No. Cent.:
482	46	5,316	4,976	1,756	22	2,222	826	703	350	100	MN
889	31	7,498	6,909	1,344	48	2,943	1,127	765	603	155	IA
1,195	21	1,597	1,472	2,207	7	547	234	188	75	54	MO
2,179	12	1,133	1,081	1,517	35	305	153	159	72	44	ND
849	33	2,347	2,274	1,420	43	748	417	359	227	76	SD
147	50	3,814	3,486	1,397	44	1,496	543	494	306	88	NE
4,175	2	1,741	1,643	2,490	3	598	133	172	114	26	KS
1,215	20	9,442	8,390	1,815	19	2,423	1,528	1,245	681	176	So. Atl.:
750	37	10,683	10,004	1,683	26	3,959	1,175	1,551	1,112	141	DE
1,313	18	3,809	3,178	1,694	25	1,273	490	489	159	73	MD
420	49	11,035	10,289	1,586	31	4,860	1,342	1,097	862	230	VA
1,050	25	6,383	5,464	1,575	32	2,390	637	504	641	145	WV
495	45	9,763	9,109	1,436	42	3,954	1,622	968	788	239	NC
673	41	17,833	16,933	1,373	46	6,567	2,266	1,894	1,430	523	SC
1,352	17	6,867	6,362	1,707	24	2,591	1,105	805	376	178	GA
461	47	7,082	6,625	1,353	47	2,410	1,434	855	532	101	FL
775	36	6,877	6,290	1,533	34	3,020	686	681	673	137	E. So. Cent.:
561	43	4,145	3,765	1,437	41	1,587	618	394	303	120	KY
685	39	3,570	3,298	1,377	45	1,442	557	434	242	96	TN
2,554	6	8,252	7,295	1,855	27	2,890	1,091	644	730	220	AL
1,158	22	5,781	4,917	1,517	36	2,074	937	618	386	82	MS
423	48	22,790	20,661	1,227	50	10,088	2,924	2,863	1,480	312	W. So. Cent.:
1,536	15	1,695	1,423	1,768	21	477	236	222	89	87	AR
675	40	1,691	1,495	1,491	39	619	183	220	76	76	LA
1,749	13	1,509	1,360	2,838	2	486	92	226	111	104	OK
693	38	5,620	4,890	1,481	40	2,080	801	582	390	121	CO
1,155	23	3,504	3,247	2,155	9	1,388	351	365	280	62	NM
571	42	6,319	5,719	1,639	29	2,199	673	1,051	226	88	AZ
897	30	3,224	2,909	1,721	23	1,439	371	292	255	68	UT
1,292	19	2,293	1,873	1,777	20	689	154	210	75	41	NV
919	27	11,068	9,322	2,006	15	4,265	1,645	848	543	222	Pac.:
2,461	8	5,255	4,572	1,652	28	1,465	629	520	394	169	WA
852	32	66,903	59,880	2,108	12	23,820	13,539	2,747	4,061	1,452	OR
11,635	1	4,198	3,870	7,385	1	948	307	438	84	151	CA
2,666	4	2,808	2,571	2,341	6	883	319	115	218	54	AK
											HI

³ Includes amounts not shown separately.Source: U.S. Bureau of the Census, *State Government Finances*, series GF, No. 3, and *Census of Governments: 1977 and 1987, Vol. 6, Historical Statistics on Governmental Finances and Employment*.

No. 478. State Governments—Summary of Finances: 1980 to 1988

[For fiscal years ending in year shown; see text section 9. See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)			PER CAPITA ¹ (dol.)			PERCENT DISTRIBUTION		
	1980	1987	1988	1980	1987	1988	1980	1987	1988
Borrowing and revenue	293,356	552,339	572,631	1,299	2,275	2,336	100.0	100.0	100.0
Borrowing	16,394	35,122	30,806	73	145	126	5.6	6.4	5.4
Revenue	276,962	517,217	541,825	1,226	2,130	2,210	94.4	93.7	94.6
General revenue	233,592	419,487	445,537	1,034	1,728	1,817	79.6	75.9	77.8
Taxes	137,075	246,933	264,096	607	1,017	1,077	46.7	44.8	46.1
Sales and gross receipts	67,855	119,938	130,251	300	494	531	23.1	21.7	22.8
General	43,168	79,638	87,011	191	328	355	14.7	14.4	15.2
Motor fuels	9,722	15,705	17,213	43	65	70	3.3	2.9	3.0
Alcoholic beverages	2,478	3,091	3,188	11	13	13	0.8	0.6	0.6
Tobacco products	3,738	4,605	4,842	17	19	20	1.3	0.8	0.9
Other	8,750	16,798	17,987	39	69	74	3.0	3.1	3.2
Licenses	8,690	16,000	17,009	38	66	69	3.0	2.9	3.0
Motor vehicles	4,936	8,309	8,848	22	34	36	1.7	1.5	1.6
Corporations in general	1,368	3,171	3,169	6	13	13	0.5	0.6	0.6
Other	2,366	4,520	4,992	10	19	20	0.8	0.8	0.9
Individual income	37,089	75,965	80,133	164	313	327	12.6	13.8	14.0
Corporation net income	13,321	20,724	21,607	59	85	88	4.5	3.8	3.8
Property	2,892	4,609	5,049	13	19	21	1.0	0.8	0.9
Other	7,227	9,798	10,046	32	40	41	2.5	1.8	1.8
Charges and miscellaneous	32,190	70,173	74,199	142	289	303	11.0	12.7	13.0
Intergovernmental revenue	64,326	102,381	107,241	285	422	437	21.9	18.6	18.7
From Federal Government	61,892	95,463	100,478	274	393	410	21.1	17.3	17.6
Public welfare	24,680	44,828	47,908	109	185	195	8.4	8.1	8.4
Education	12,765	16,883	17,970	57	70	73	4.4	3.1	3.1
Highways	8,880	12,963	13,467	39	53	55	3.0	2.4	2.4
Other	15,587	20,788	21,133	69	86	86	5.3	3.8	3.7
From local governments	2,434	6,918	6,763	11	28	28	0.8	1.3	1.2
Utility revenue	1,304	2,964	3,030	6	12	12	0.4	0.5	0.5
Liquor stores revenue	2,765	2,833	2,767	12	12	11	0.9	0.5	0.5
Insurance trust revenue	39,301	91,933	90,491	174	379	369	13.4	16.7	15.8
Employee retirement	21,146	64,660	63,556	94	266	259	7.2	11.7	11.1
Unemployment compensation	13,468	18,839	17,187	60	78	70	4.6	3.4	3.0
Expenditure and debt redemption	263,494	476,133	506,382	1,166	1,961	2,065	100.0	100.0	100.0
Debt redemption	5,682	20,433	21,376	25	84	87	2.2	4.3	4.2
Expenditure	257,812	455,700	485,006	1,141	1,877	1,978	97.8	95.7	95.8
General expenditure	228,223	403,942	432,179	1,010	1,664	1,763	86.6	84.8	85.4
Education	87,939	149,901	159,500	389	617	651	33.4	31.5	31.5
Public welfare	44,219	78,454	84,235	196	323	344	16.8	16.5	16.6
Highways	25,044	38,273	40,681	111	155	166	9.5	8.0	8.0
Health and hospitals	17,855	32,131	34,872	79	132	142	6.9	6.8	6.9
State hospitals	11,015	17,862	19,489	49	74	80	4.2	3.8	3.9
Other hospitals and health	6,840	14,269	15,383	30	59	63	2.6	3.0	3.0
Corrections	4,449	11,704	13,303	20	48	54	1.7	2.5	2.6
Natural resources	4,346	7,816	8,310	19	32	34	1.6	1.7	1.7
General control	3,232	6,191	6,922	14	26	28	1.2	1.3	1.4
Financial administration	3,031	6,459	6,969	13	27	29	1.2	1.4	1.4
Police protection	2,263	4,048	4,508	10	17	18	0.9	0.9	0.9
Employment security	2,001	2,741	2,842	9	11	12	0.8	0.6	0.6
Housing and community development	801	2,129	2,550	3	9	11	0.2	0.5	0.5
Misc. and unallocable	33,242	64,096	67,488	147	264	275	12.6	13.5	13.3
Utility expenditure	2,401	5,971	6,232	11	25	26	0.9	1.3	1.2
Liquor stores expenditure	2,206	2,470	2,378	10	10	10	0.8	0.5	0.5
Insurance trust expenditure	24,981	43,316	44,217	111	178	180	9.5	9.1	8.7
Employee retirement	10,256	22,189	24,196	45	91	99	3.9	4.7	4.8
Unemployment compensation	12,006	15,174	13,024	53	63	53	4.6	3.2	2.6
By character and object:									
Intergovernmental expenditure	84,504	141,279	151,662	374	582	619	32.1	29.7	30.0
Direct expenditure	173,307	314,421	333,344	767	1,295	1,360	65.8	66.0	65.8
Current operation	108,131	189,806	213,252	479	823	870	41.0	42.0	42.1
Capital outlay	23,225	37,209	40,667	103	153	166	8.9	7.8	8.0
Construction	19,736	28,174	31,421	87	116	128	7.5	5.9	6.2
Land and existing structures	1,345	2,544	3,082	6	11	13	0.5	0.6	0.6
Equipment	2,243	6,490	6,164	10	27	25	0.9	1.4	1.2
Assistance and subsidies	9,818	14,705	15,000	43	61	61	3.7	3.1	3.0
Interest on debt	7,052	19,365	20,208	31	80	83	2.7	4.1	4.0
Insurance benefits	24,981	43,316	44,217	111	178	180	9.5	9.1	8.7
Debt outstanding, end of year	121,958	265,551	276,786	540	1,094	1,129	100.0	100.0	100.0
Long-term	119,821	263,946	275,448	530	1,087	1,124	98.2	99.4	99.5
Full-faith and credit	49,364	64,944	68,136	219	268	278	40.5	24.5	24.6
Nonguaranteed	70,457	199,002	207,312	312	820	846	57.8	74.9	74.9
Short-term	2,137	1,606	1,338	9	7	6	1.8	0.6	0.5
Net long-term	79,810	143,384	108,824	353	591	444	65.4	54.0	39.3
Full-faith and credit only	39,357	49,905	54,154	174	206	221	32.3	18.8	19.6

¹ Based on estimated resident population as of July 1; except 1980 based on enumerated resident population as of April 1, 1980. ² Includes other items not shown separately. ³ Intergovernmental and direct. ⁴ Includes repayments.

Source: U.S. Bureau of the Census, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4) and *State Government Finances*, series GF, No. 3, annual.

No. 479. State Resources, Expenditures, and Balances: 1989 and 1990

[Fiscal year data; see text; section 9. General funds exclude special funds earmarked for particular purposes, such as highway trust funds and federal funds; they support most on-going broad-based State services, and are available for appropriation to support any governmental activity. Minus sign (-) indicates deficit]

STATE	EXPENDITURES BY FUND SOURCE					STATE GENERAL FUND					
	Total, 1989 (mil. dol.)	1990 ¹				Resources ^{3 4}		Expenditures ⁴		Balance ⁵	
		Total ² (mil. dol.)	General fund (per- cent)	Federal funds (per- cent)	Other State funds (per- cent)	1989 (mil. dol.)	1990 ¹ (mil. dol.)	1989 (mil. dol.)	1990 ¹ (mil. dol.)	1989 (mil. dol.)	1990 ¹ (mil. dol.)
United States . . .	460,978	510,350	270,715	117,257	110,121	266,546	283,987	256,444	278,118	9,990	5,760
New England:											
Maine	2,492	2,813	1,556	723	449	1,640	1,578	1,477	1,522	163	55
New Hampshire	1,464	1,666	643	383	576	584	600	578	601	6	-1
Vermont	1,148	1,232	604	334	244	619	599	608	599	11	-
Massachusetts	16,637	17,754	7,260	3,205	6,344	8,297	8,272	8,523	8,933	-226	-661
Rhode Island	2,091	2,231	1,473	486	182	1,413	1,473	1,400	1,473	14	-
Connecticut	8,494	9,275	6,327	1,179	1,063	5,715	6,240	5,743	6,331	-28	-90
Middle Atlantic:											
New York	43,450	46,974	28,223	9,778	8,321	28,244	29,638	28,244	29,638	-	-
New Jersey	15,898	16,806	11,826	3,447	1,172	11,962	11,827	11,550	11,826	411	1
Pennsylvania	20,500	22,511	11,986	5,186	4,811	11,355	11,927	10,970	11,926	385	1
East North Central:											
Ohio	19,589	21,527	9,721	5,190	5,766	11,250	11,995	10,775	11,593	475	402
Indiana	8,225	9,158	5,521	2,188	1,179	5,441	5,929	5,017	5,509	425	420
Illinois	18,610	19,345	10,640	3,230	4,890	12,379	13,550	11,838	13,275	541	275
Michigan	15,981	17,491	7,330	4,153	5,729	7,103	7,313	7,035	7,308	68	5
Wisconsin	10,244	11,038	5,845	2,424	2,769	5,829	6,114	5,454	5,816	375	298
West North Central:											
Minnesota	9,419	10,886	6,377	1,885	2,376	6,882	7,469	5,936	6,644	946	825
Iowa	6,684	7,738	2,881	1,408	3,450	2,763	2,996	2,668	2,863	95	132
Missouri	7,285	8,122	4,158	1,622	2,295	3,886	4,249	3,791	4,158	95	91
North Dakota	1,526	1,485	514	464	503	587	544	547	514	40	30
South Dakota	1,177	1,216	447	462	307	450	480	411	447	40	34
Nebraska	2,415	2,939	1,257	612	1,059	1,277	1,454	987	1,244	290	210
Kansas	4,285	4,880	2,406	1,343	1,101	2,531	2,669	2,160	2,420	371	249
South Atlantic:											
Delaware	2,025	2,120	1,192	253	546	1,278	1,343	1,092	1,192	185	152
Maryland	10,241	11,805	6,166	1,977	3,138	5,851	6,200	5,461	6,135	390	65
District of Columbia	4,382	4,832	3,315	781	464	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Virginia	11,393	11,833	5,954	1,640	4,223	5,830	5,932	5,830	5,893	(⁶)	39
West Virginia	3,338	3,669	1,733	900	978	1,529	1,747	1,463	1,733	66	14
North Carolina	10,643	11,996	8,393	2,367	1,237	6,568	7,426	6,410	7,360	158	66
South Carolina	6,930	7,997	3,453	2,225	1,222	3,150	3,421	3,092	3,360	58	61
Georgia	9,962	11,785	7,559	2,724	1,425	6,619	7,644	6,382	7,644	237	-
Florida	21,256	22,995	10,035	4,483	8,369	9,506	10,026	9,465	10,026	42	-
East South Central:											
Kentucky	7,193	7,977	3,587	2,124	2,027	3,358	3,547	3,310	3,547	48	-
Tennessee	6,763	7,470	3,707	2,272	1,311	3,536	3,759	3,408	3,707	128	52
Alabama	6,955	7,550	3,192	3,994	364	3,264	3,299	3,211	3,192	53	107
Mississippi	4,105	4,495	1,907	1,585	935	1,893	1,955	1,809	1,907	84	48
West South Central:											
Arkansas	4,125	4,650	1,745	1,301	1,591	1,714	1,745	1,714	1,745	-	-
Louisiana	8,495	9,133	4,503	2,853	1,351	4,715	4,783	4,060	4,172	655	611
Oklahoma	5,614	5,869	2,633	1,584	1,531	2,702	2,840	2,545	2,679	157	161
Texas	18,527	22,711	14,176	5,131	3,150	12,934	13,978	12,778	13,958	156	(⁶)
Mountain:											
Montana	1,800	1,608	426	484	662	451	487	384	432	67	55
Idaho	1,549	1,795	802	580	408	790	912	701	849	89	63
Wyoming	1,205	1,487	386	351	750	379	456	324	432	54	25
Colorado	5,118	5,026	2,543	1,143	1,340	2,491	2,686	2,356	2,543	135	143
New Mexico	3,033	3,480	1,786	756	928	1,867	1,918	1,754	1,829	(⁶)	-
Arizona	5,280	6,131	3,193	1,709	1,046	2,892	3,149	2,890	3,121	1	28
Utah	2,840	2,970	1,628	651	639	1,582	1,655	1,511	1,655	71	-
Nevada	(NA)	(NA)	(NA)	(NA)	(NA)	760	772	750	762	11	10
Pacific:											
Washington	10,209	11,846	6,045	2,147	2,950	6,169	6,630	5,713	6,205	456	425
Oregon	6,659	6,886	2,194	951	3,741	2,240	2,424	1,948	2,201	292	223
California	61,242	70,391	40,070	20,288	7,762	37,007	40,885	35,897	40,070	1,109	815
Alaska	3,195	3,283	2,428	537	317	2,410	2,458	2,248	2,428	163	30
Hawaii	3,649	4,309	2,285	549	697	2,856	2,995	2,227	2,702	629	293

- Represents or rounds to zero. NA Not available. ¹ Estimated. ² Includes bonds not shown separately. ³ Includes funds budgeted, adjustments, and balances from previous year. ⁴ May or may not include fund transfers, depending on state accounting practices. ⁵ Resources, less expenditures. ⁶ Expenditures and ending balance include undesignated fund balance. ⁷ Appropriated amounts. ⁸ Ending balance is held in a budget stabilization fund.

Source: National Governors' Association and National Association of State Budget Officers, Washington, DC, *Fiscal Survey of the States*, semi-annual (copyright) and NASBO *State Expenditure Report 1990*.

No. 480. State Government Tax Collections and Excise Taxes, 1970 to 1989, and by State, 1989

[Tax collections for fiscal years ending in year shown; see text, section 9. Excise tax rates as of September 1. Collections include local shares of State-imposed taxes. 1989 tax collections preliminary]

YEAR, REGION, DIVISION, AND STATE	STATE TAX COLLECTIONS (mil. dol.)							EXCISE TAX RATES			
	Total ¹	Sales and gross receipts				Individual income	Corporation net income	Motor vehicle and operators' li- censes	General sales and gross receipts (percent) ²	Ciga- rettes (cents per pack- age)	Gasoli- ne (cents per gal.)
		Total ¹	General sales and gross receipts	Motor fuels	Alcoholic bever- ages and tobacco products						
1970 ³	47,962	27,254	14,177	6,283	3,728	9,183	3,738	2,728	(X)	(X)	(X)
1975 ³	80,155	43,346	24,780	8,255	5,249	18,819	6,642	3,941	(X)	(X)	(X)
1980 ³	137,075	67,855	43,168	9,722	6,216	37,089	13,321	5,325	(X)	(X)	(X)
1985 ³	215,893	105,419	69,633	13,344	7,393	63,908	17,631	7,780	(X)	(X)	(X)
1986 ³	228,053	112,373	74,817	14,129	7,511	67,405	18,394	8,369	(X)	(X)	(X)
1987 ³	246,501	119,361	79,228	15,707	7,700	76,215	20,476	9,067	(X)	(X)	(X)
1988 ³	264,146	130,330	87,079	17,211	8,031	80,133	21,607	9,613	(X)	(X)	(X)
1989 ⁴	284,039	138,249	93,417	18,030	8,154	88,690	23,861	10,142	(X)	(X)	(X)
Northeast	67,581	28,318	18,188	2,520	1,702	25,778	6,841	1,888	(X)	(X)	(X)
New England	17,875	8,019	5,196	934	549	5,979	2,353	582	(X)	(X)	(X)
Maine	1,590	775	517	127	77	571	96	61	5 F&D	28	17
New Hampshire	613	269	(X)	88	43	38	152	53	(X)	21	14
Vermont	634	310	133	44	26	213	38	35	4 F&D	17	16
Massachusetts	9,071	3,028	2,084	307	235	4,287	1,189	190	5 F&D	26	11
Rhode Island	1,159	580	394	50	39	421	78	32	6 F&D	37	20
Connecticut	4,808	3,057	2,068	318	129	451	800	191	8 F&D	40	20
Middle Atlantic	49,706	20,299	12,992	1,586	1,153	19,799	4,488	1,326	(X)	(X)	(X)
New York	26,576	8,664	5,750	489	526	13,844	2,009	481	4 F&D	33	8
New Jersey	10,501	5,331	3,156	423	266	2,896	1,310	371	6 F&D	27	10.5
Pennsylvania	12,629	6,304	4,086	674	361	3,059	1,168	474	6 F&D	18	12
Midwest	65,330	31,386	21,148	4,913	1,949	22,411	5,677	2,840	(X)	(X)	(X)
East North Central	46,010	21,929	14,822	3,307	1,321	15,629	4,396	1,912	(X)	(X)	(X)
Ohio	10,814	5,401	3,425	813	289	3,809	731	387	4 F&D	18	18
Indiana	5,903	3,391	2,581	557	150	1,945	282	175	5 F&D	15.5	15
Illinois	11,761	5,998	3,900	724	302	3,510	1,073	675	4 F&D	30	16
Michigan	11,124	4,330	3,128	695	395	3,789	1,862	504	4 F&D	25	15
Wisconsin	6,408	2,809	1,888	518	185	2,576	448	171	4 F&D	30	20.8
West North Central	19,320	9,457	6,226	1,606	628	6,782	1,281	928	(X)	(X)	(X)
Minnesota	6,398	2,950	1,776	453	214	2,497	488	310	4 F&D	38	20
Iowa	3,158	1,443	932	311	105	1,173	203	205	4 F&D	31	20
Missouri	4,685	2,366	1,766	350	204	1,688	243	207	4,225 D	13	11
North Dakota	685	378	221	72	21	106	42	40	6 F&D	30	17
South Dakota	468	379	234	76	23	(X)	26	24	4 D	23	18
Nebraska	1,450	781	491	173	56	474	81	55	4 F&D	27	22.3
Kansas	2,496	1,160	806	171	105	844	198	87	4,225 D	24	15
South	83,254	48,024	31,224	7,270	3,125	18,830	4,910	3,308	(X)	(X)	(X)
South Atlantic	45,748	23,984	16,091	3,402	1,557	13,667	3,298	1,472	(X)	(X)	(X)
Delaware	1,130	159	(X)	63	17	427	155	25	(X)	14	16
Maryland	6,196	2,641	1,507	440	90	2,655	331	154	5 F&D	13	18.5
Dist. of Columbia	2,243	644	429	30	16	603	156	19	6 F&D	17	18
Virginia	6,621	2,608	1,290	612	112	3,107	347	274	3.5 D	2.5	17.5
West Virginia	1,913	969	579	171	41	467	206	71	6 D	17	15.5
North Carolina	7,369	2,916	1,702	610	163	3,031	789	271	3 D	2	20.9
South Carolina	3,716	2,000	1,349	328	140	1,248	220	82	5 D	7	16
Georgia	6,347	2,812	2,026	426	204	2,732	525	96	4 D	12	7.5
Florida	12,456	8,979	7,838	752	790	(X)	725	499	4 F&D	24	4
East South Central	14,079	8,328	5,305	1,458	471	2,671	1,042	539	(X)	(X)	(X)
Kentucky	4,038	1,819	1,045	356	63	1,112	311	151	4 F&D	3	15
Tennessee	4,066	3,083	2,237	535	145	95	372	172	5.5 D	13	20
Alabama	3,663	1,916	982	287	175	1,063	216	131	4 D	16.5	11
Mississippi	2,312	1,508	1,041	280	88	401	143	85	6 D	18	18
West South Central	23,427	15,714	9,828	2,410	1,097	2,292	570	1,197	(X)	(X)	(X)
Arkansas	2,172	1,180	797	219	87	682	112	102	4 D	21	13.5
Louisiana	3,969	2,070	1,306	375	128	677	345	85	4 F&D	16	16
Oklahoma	3,312	1,502	778	315	134	933	113	257	4 D	23	17
Texas	13,974	10,962	6,947	1,501	748	(X)	(X)	753	4 F&D	26	15
West	67,874	30,521	22,857	3,327	1,378	21,871	6,433	2,206	(X)	(X)	(X)
Mountain	13,936	7,661	5,185	1,267	332	3,563	664	631	(X)	(X)	(X)
Montana	728	179	(X)	107	25	266	56	34	(X)	16	20
Idaho	1,011	518	347	105	25	347	72	38	5 D	18	18
Wyoming	582	207	153	39	5	(X)	(X)	43	3 D	12	9
Colorado	2,904	1,242	751	304	82	1,273	171	90	3 F&D	20	20
New Mexico	1,890	1,076	801	141	36	349	77	103	4.75	15	16.2
Arizona	4,061	2,470	1,842	337	91	913	200	204	4 F&D	15	17
Utah	1,420	808	592	130	40	415	88	46	5,094 D	23	19
Nevada	1,340	1,161	699	104	28	(X)	(X)	73	4.75 F&D	35	16.25
Pacific	53,938	22,860	17,672	2,060	1,046	18,308	5,789	1,575	(X)	(X)	(X)
Washington	6,511	4,897	3,915	454	232	(X)	(X)	181	6.5 F&D	34	18
Oregon	2,586	363	(X)	210	84	1,725	158	191	(X)	27	16
California	41,214	16,205	12,732	1,308	646	15,815	5,063	1,164	4.75 F&D	35	9
Alaska	1,410	80	(X)	37	21	(Z)	460	20	(X)	16	8
Hawaii	2,217	1,315	1,025	51	63	768	88	19	4 D	(⁵)	7.11

X Not applicable. Z Less than \$500,000. ¹ Includes amounts for types not shown separately. ² F=food exempt from sales tax; D=prescription drugs exempt from sales tax. ³ DC excluded from total. ⁴ Local sales tax rates are additional. ⁵ An additional tax is levied at the rate of 3 percent of the retail sales price, less than the current 7.5 cents per gallon tax. ⁶ Tax is 40 percent of wholesale price. ⁷ Combined State and county rates are: Hawaii 19.8 cents; Honolulu 27.5 cents; Kauai and Maui 20 cents.

Source: U.S. Bureau of the Census, *State Government Tax Collections*, series GF, No. 1, annual.

No. 481. State Government Individual Income Taxes: 1989

[As of October 1989. Only basic rates, brackets and exemptions are shown. Local income tax rates, even those mandated by the State, are not included. Taxable income rates and brackets listed below apply to single individuals and married taxpayers filing "combined separate" returns (in States where this is permitted). Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming have no State income tax]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS			SIZE OF STANDARD DEDUCTION ¹			Federal income tax deductible ²
		Lowest: amount under	Highest: amount over	Single	Married-joint return	Dependents	Percent	Single	Married-joint return	
AL ^{3,4}	2.0-5.0	\$500	\$3,000	\$1,500	\$3,000	\$300	20	\$2,000	\$4,000	Yes ⁸
AZ ⁵	2.0-8.0	1,290	7,740	2,229	4,458	1,337	22.29	1,115	2,229	Yes
AR	1.0-7.0	3,000	25,000	720	740	720	10	1,000	1,000	No
CA ⁵	1.0-9.3	4,020	26,380	755	7110	755	(X)	2,070	4,140	No
CO				5% of modified Federal taxable income						No
CT				Limited income tax ⁹						No
DE ³	3.2-7.7	1,000	40,000	1,250	2,500	1,250	10	1,300	1,600	No
DC	6.0-9.5	10,000	20,000	1,160	2,320	1,160	(X)	2,000	2,000	No
GA	1.0-6.0	750	7,000	1,500	3,000	1,500	(X)	2,300	3,000	No
HI ³	2.0-10.0	1,500	20,500	1,040	2,080	1,040	(X)	1,500	1,900	No
ID	2.0-8.2	1,000	20,000			Same as Federal ⁹				No
IL	3.0	Flat rate		1,000	2,000	1,000	(X)	(X)	(X)	No
IN ³	3.4	Flat rate		1,000	2,000	1,000	(X)	(X)	(X)	No
IA ^{3,5}	4-9.98	101,016	45,720	720	740	15	(X)	1,230	3,030	Yes
KS	4.5-5.95	112,750	112,750	2,000	4,000	2,000	(X)	Same as Federal ⁹		Yes
KY ³	2.0-6.0	3,000	8,000	720	740	720	(X)	650	650	Yes
LA	2.0-6.0	10,000	50,000	124,500	129,000	121,000	Combined with exemptions ¹²			Yes
ME ³	2.0-8.5	4,000	16,000	2,000	4,000	2,000	(X)	3,100	5,200	No
MD ³										No
MA	2.0-5.0	1,000	3,000	1,100	2,200	1,100	15	2,000	4,000	No
MI ³	5.0-10.0	Flat rate ¹⁴		2,200	4,400	1,000	(X)	(X)	(X)	No
MN	4.6	Flat rate		2,000	4,000	2,000	(X)	(X)	(X)	No
MS	6.0-8.0	13,000	13,000			Same as Federal ⁹				No
MO ³	3.0-5.0	5,000	10,000	6,000	9,500	1,500	15	2,300	3,400	No
MT ³	1.5-6.0	1,000	9,000	1,200	2,400	400	(X)	Same as Federal ⁹		Yes
NE	2.0-11.0	1,500	52,500	1,200	2,400	1,200	20	2,250	4,500	Yes
NH	2.0-5.9	1,800	27,000	1,180	2,360	1,180	(X)	Same as Federal ⁹		No
NJ				Limited income tax ¹⁶						No
NM	172.0-3.5	20,000	50,000	1,000	2,000	1,000	(X)	(X)	(X)	No
NY	1.8-8.5	5,200	64,000	2,000	4,000	2,000	(X)	Same as Federal ⁹		No
NC	4.0-7.5	5,500	13,000			1,000	(X)	6,000	9,500	No
ND	186.0-7.0	12,750	12,750	2,000	4,000	2,000	(X)	Same as Federal ⁹		No
OH	192.6-12.0	193,000	150,000			Same as Federal ⁹				Yes
OK	743.6-9	5,000	100,000	650	1,300	650	(X)	(X)	(X)	No
OR	205.6-6.0	207,500	207,500	1,000	2,000	1,000	15	2,000	2,000	Yes ²⁰
PA ^{3,5}	5.0-9.0	2,000	5,000	94	188	94	(X)	1,800	3,000	Yes ²¹
RI	2.1	Flat rate		(X)	(X)	(X)	(X)	(X)	(X)	No
SC				22.96% of Federal income tax liability						No
TN	3.0-7.0	4,000	10,000			Same as Federal ⁹				No
UT				Limited income tax ²²						No
VT	2.55-7.22	750	3,750	75% of Federal exemption				Same as Federal ⁹		Yes ²³
VA				25% of Federal income tax liability						No
WV	2.0-5.75	3,000	16,000	800	1,600	800	(X)	Same as Federal ⁹		No
WI	3.0-6.5	10,000	60,000	2,000	4,000	2,000	(X)	(X)	(X)	No
WY	4.9-6.93	7,500	15,000			50	(X)	5,200	8,900	No

¹ Represents zero. X Not applicable. ² The lesser of either (a) the percentage indicated, multiplied by adjusted gross income or (b) the dollar value listed. ³ A State provision that allows the taxpayer to deduct fully the Federal income tax payment reduces the effective marginal tax rate for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the deduction is of a lesser benefit to other taxpayers.

⁴ States in which one or more local governments levy a local income tax. ⁵ Social Security (FICA) taxes are included in itemized deductions. ⁶ Indexed by an inflation factor. ⁷ An additional deduction from income is allowed in the amount of 65% of federal income tax liability or \$600, whichever is greater, but not to exceed \$10,000 for married filing joint or \$5,000 for all other filers. ⁸ Tax credit. ⁹ There is an income tax on interest and dividend income only. The rate of this tax ranges from 1% of interest and dividend income for taxpayers with an AGI of \$54,000 to \$57,999 to 12% of such income of taxpayers with an AGI over \$100,000. Capital gains are taxed at 7% after an exemption of \$100 is applied.

¹⁰ Personal exemptions on the 1989 return are \$2,000 each; standard deduction for single is \$3,000 and for those filing joint returns, \$5,000 (single or \$7,500 (married-joint return)). ¹¹ Tax cannot reduce after-tax income of taxpayer to below \$5,000. ¹² Income below \$27,500 taxed at 4.5% rate; income above \$27,500 taxed at 5.95% rate. ¹³ Personal exemption and standard deduction are combined. ¹⁴ All counties have a local income tax surcharge of at least 20% of State tax liability; most counties have a surcharge of 50%.

¹⁵ 10% (flat rate) imposed on capital gains, interest, and dividends of residents, and Massachusetts business income of nonresidents. All other net income taxed at 5%. No taxes are imposed on a single persons with gross income of \$8,000 or less (\$12,000 married). ¹⁶ FICA taxes deductible when itemizing deductions. ¹⁷ There is a 5% tax on dividend and interest income (excluding income from savings bank deposits) in excess of \$1,200 (\$2,400 married). ¹⁸ No taxpayer is subject to tax if gross income is \$3,000 or less (\$1,500 married, filing separately). ¹⁹ Taxable income brackets are for single taxpayers. Breaking point for higher marginal tax rate varies according to filing status.

²⁰ Taxpayers have the option of paying a tax of 14% of the taxpayers adjusted Federal income tax liability or using the long form with a separate schedule; taxpayers using the long form may deduct Federal income tax paid. ²¹ These tax rates and brackets apply to single persons not deducting Federal income tax. For individuals deducting Federal income tax, rates range from .5% of the first \$1,000 to 10% on income over \$15,250. ²² Federal tax deduction limited to \$3,000 (\$1,500 married, filing separately). ²³ Interest and dividends taxed at 6%.

²⁴ One-half of federal tax liability is deductible.

Source: Advisory Commission on Intergovernmental Relations, Washington, DC, *Significant Features of Fiscal Federalism*, 1990 Edition, Volume 1.

No. 482. Gross Revenue of Selected States From Parimutuel and Amusement Taxes and Lotteries, 1980 to 1988, and by State, 1988

[In millions of dollars, except percent. For fiscal years; see text, section 9]

YEAR AND STATE	Gross revenue	Parimutuel taxes	Amusement taxes ¹	LOTTERY REVENUE			
				Total ²	Apportionment of funds (percent)		
					Prizes	Administration	Proceeds available from ticket sales
1980	3,072.9	731.5	234.1	2,107.3	43.6	6.2	50.2
1984	7,360.1	739.4	383.7	³ 6,237.0	52.4	4.6	43.0
1985	9,227.0	693.9	411.6	³ 8,121.5	52.1	4.5	43.4
1986	12,163.9	646.6	462.7	³ 11,054.5	52.0	5.4	42.6
1987	12,591.4	642.5	479.9	³ 11,469.0	52.5	5.7	41.9
1988	15,114.4	666.9	527.8	³ 13,919.6	53.7	6.1	40.3
Arizona	173.2	10.1	0.8	162.3	48.8	10.4	40.8
Arkansas	20.6	20.6	(X)	(X)	(X)	(X)	(X)
California	2,130.7	129.5	(X)	2,001.2	52.6	7.5	39.9
Colorado	105.5	8.5	0.6	96.4	48.6	14.8	36.8
Connecticut	565.9	62.5	16.2	487.2	54.2	5.6	40.2
Delaware	51.4	0.1	(X)	51.3	56.9	5.4	37.7
District of Columbia	116.4	(X)	(X)	116.4	52.3	9.7	38.0
Florida	743.6	119.7	2.6	621.3	53.2	14.5	32.3
Idaho	2.3	2.3	(X)	(X)	(X)	(X)	(X)
Illinois	1,277.3	50.0	8.5	1,218.8	56.7	3.5	39.8
Iowa	116.9	(X)	(X)	116.9	56.3	13.3	30.4
Kansas	63.0	(X)	0.8	62.2	48.4	20.0	31.6
Kentucky	6.8	6.5	0.3	(X)	(X)	(X)	(X)
Louisiana	21.5	21.3	0.2	(X)	(X)	(X)	(X)
Maine	77.9	1.9	(X)	77.0	53.7	7.3	39.0
Maryland	774.3	2.7	1.6	770.0	52.0	3.0	45.0
Massachusetts	1,229.1	32.0	9.9	1,187.2	61.5	5.3	33.3
Michigan	1,138.4	20.2	(X)	1,118.2	52.5	5.4	42.1
Missouri	139.1	(X)	(X)	139.1	48.8	12.8	38.5
Montana	20.6	(X)	(X)	20.6	47.7	15.5	36.9
Nebraska	7.2	0.7	6.5	(X)	(X)	(X)	(X)
Nevada	256.3	(Z)	256.3	(X)	(X)	(X)	(X)
New Hampshire	85.8	11.5	(X)	74.3	56.6	8.8	34.6
New Jersey	1,328.5	8.2	209.2	1,111.1	51.4	3.6	45.0
New Mexico	2.4	2.3	0.1	(X)	(X)	(X)	(X)
New York	1,524.6	92.3	1.0	1,431.3	51.4	3.9	44.8
Ohio	1,309.1	13.4	(X)	1,295.7	52.7	6.2	41.1
Oklahoma	1.6	1.6	(X)	(X)	(X)	(X)	(X)
Oregon	156.5	4.2	(X)	152.3	53.4	15.7	30.9
Pennsylvania	1,353.7	9.7	0.2	1,343.8	55.0	2.7	42.3
Rhode Island	65.8	10.8	0.1	54.9	57.3	5.4	37.3
South Carolina	11.1	(X)	11.1	(X)	(X)	(X)	(X)
South Dakota	25.8	1.0	(X)	24.8	47.4	17.8	34.9
Vermont	33.5	0.2	(X)	33.3	54.9	18.1	27.1
Washington	224.0	8.9	0.1	215.0	47.7	14.0	38.3
West Virginia	67.6	13.8	0.4	53.4	49.6	22.0	28.3

X Not applicable. Z Less than \$50,000. ¹ Represents nonlicense taxes. ² Excludes commissions. ³ Excludes DC whose lottery began in 1984; (\$80.5) in 1984, (\$105.5) in 1985, (\$112.3) in 1986, (\$115.4) in 1987 and (\$116.4) in 1988. Includes States whose gross revenues were less than \$1,000,000 not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances*, series GF, No. 3, annual.

No. 483. State Government Revenue From Severance Taxes, by State: 1985 to 1989

[In millions of dollars. For fiscal years; see text, section 9. Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish; from land or water and measured by value and/or quantity of products removed or sold. See source for information on particular taxes (including changes in tax rates) and additional analytical detail. For composition of regions, see fig. 1, inside front cover]

REGION AND STATE	1985	1987	1988	1989	REGION AND STATE	1985	1987	1988	1989
Total	7,211	4,050	4,331	4,147	Missouri	(Z)	(Z)	(Z)	(Z)
Region:					Montana	150.7	129.9	112.8	85.5
Northeast	0.1	0.1	-0.1	0.1	Nebraska	4.6	4.0	2.6	2.3
Midwest	463.7	235.0	248.5	228.3	Nevada	0.1	(Z)	10.7	0.4
South	4,244.7	2,423.2	2,489.1	2,475.6	New Hampshire	0.1	0.1	-0.1	0.1
West	2,502.5	1,391.4	1,613.5	1,443.2	New Mexico	390.8	235.0	291.9	256.2
Alabama	89.6	53.3	60.6	61.7	North Carolina	1.5	1.4	1.6	1.5
Alaska	1,389.3	666.9	818.7	698.4	North Dakota	176.3	95.8	93.3	79.5
Arkansas	26.0	15.1	16.3	14.5	Ohio	8.2	9.5	9.4	8.8
California	19.1	22.8	26.1	29.3	Oklahoma	708.8	370.2	386.7	371.6
Colorado	30.4	9.7	15.3	13.8	Oregon	31.8	33.3	32.0	37.5
Florida	173.2	81.3	75.0	60.6	South Dakota	4.5	5.5	8.1	9.2
Idaho	0.7	0.4	0.7	0.4	Tennessee	2.8	1.6	1.8	1.6
Indiana	1.5	0.6	0.7	1.0	Texas	2,175.3	1,181.7	1,058.8	1,172.2
Kansas	111.9	63.6	81.8	79.7	Utah	49.4	21.5	29.2	30.6
Kentucky	228.0	203.1	210.0	198.1	Virginia	1.6	1.7	1.7	1.5
Louisiana	745.2	449.6	474.9	411.5	Washington	36.2	40.5	45.8	58.9
Michigan	75.7	48.3	43.6	40.5	West Virginia	(X)	15.0	128.5	135.7
Minnesota	80.0	8.3	7.8	6.4	Wisconsin	1.0	1.1	0.9	0.9
Mississippi	92.9	49.2	53.2	45.1	Wyoming	404.0	259.7	230.3	231.7

X Not applicable. Z Less than \$50,000. ¹ Beginning 1986, corporate excise tax was reclassified to corporate net income tax. ² Severance tax replaced the business and occupation tax for specified firms engaged in natural resource activities effective July 1, 1987.

Source: U.S. Bureau of the Census, *State Government Tax Collections*, series GF, No. 1, annual.

No. 484. State Government Intergovernmental Expenditures, 1980 to 1988, and by State, 1988

[For fiscal year, see text, section 9]

YEAR, DIVISION, AND STATE	Total (mil. dol.)	Per capita ¹ (dol.)	Rank	As percent of general expenditure	YEAR, DIVISION, AND STATE	Total (mil. dol.)	Per capita ¹ (dol.)	Rank	As percent of general expenditure
1980	84,504	374	(X)	37.0	VA	3,039	505	22	30.4
1985	121,571	511	(X)	35.2	WV	870	464	29	27.4
1986	131,966	549	(X)	35.1	NC	4,066	627	14	39.5
1987	141,279	582	(X)	35.0	SC	1,574	454	33	28.8
1988, U.S.	151,662	619	(X)	35.1	GA	2,929	462	30	32.2
N. Eng.: ME	545	452	34	24.3	FL	6,501	527	20	38.4
NH	205	189	49	14.4	E. So. Cent.: KY	1,742	467	28	27.4
VT	213	383	43	17.9	TN	1,685	344	47	25.4
MA	4,128	701	10	28.9	AL	1,772	432	39	28.2
RI	374	377	45	17.1	MS	1,392	531	19	37.0
CT	1,477	457	31	21.4	W. So. Cent.: AR	1,053	440	37	31.9
Mid. Atl.: NY	16,768	936	4	39.4	LA	1,865	423	41	25.6
NJ	5,462	707	9	33.6	OK	1,448	447	36	29.4
PA	6,120	510	21	32.8	TX	6,626	393	42	32.1
E. No. Cent.: OH	6,315	582	15	36.5	Mt.: MT	308	383	44	21.6
IN	2,995	539	18	35.7	ID	490	488	24	32.8
IL	5,274	454	32	30.2	WY	551	1,151	2	40.6
MI	5,814	629	13	32.2	CO	1,601	485	25	32.7
WI	3,856	794	7	42.5	NM	1,245	826	6	38.3
W. No. Cent.: MN	3,621	841	5	41.0	AZ	2,014	577	16	35.2
IA	1,802	636	12	36.2	UT	842	498	23	28.9
MO	2,304	448	35	33.3	NV	725	688	11	38.7
ND	365	548	17	24.8	Pac.: WA	3,485	750	8	37.4
SD	221	310	48	20.5	OR	1,202	434	38	26.3
NE	552	345	46	24.3	CA	29,755	1,051	3	49.9
KS	1,073	430	40	30.8	AK	794	1,516	1	20.5
So. Atl.: DE	318	482	27	19.3	HI	50	45	50	1.9
MD	2,233	483	26	26.6					

X Not applicable. ¹ 1980 based on enumerated resident population as of April 1; 1985-1988 based on estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Census of Governments: 1987*, Vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4), and *State Government Finances*, series GF, No. 3, annual.

No. 485. Local Government General Revenue, by Source, 1980 to 1988, and by State, 1988

[In millions of dollars, for fiscal year, see text, section 9. Data are estimates based on sample and subject to sampling variability; see source and Appendix III]

YEAR, DIVISION, AND STATE	Total ¹	INTERGOVERNMENTAL FROM—		FROM OWN SOURCES		YEAR, DIVISION, AND STATE	Total ¹	INTERGOVERNMENTAL FROM—		FROM OWN SOURCES	
		Federal	State	Total	Taxes			Federal	State	Total	Taxes
1980	232,453	21,136	81,289	130,027	86,387	DC	3,980	1,495	(X)	2,485	2,060
1985	354,119	21,724	116,380	216,014	134,473	VA	8,758	298	2,875	5,585	4,010
1986	380,714	20,433	126,824	233,457	144,997	WV	1,976	45	892	1,039	529
1987	411,584	19,395	136,869	255,321	158,293	NC	9,120	344	4,099	4,677	2,776
1988, U.S.	433,977	17,124	145,590	271,263	171,595	SC	3,992	144	1,508	2,340	1,202
N. Eng.	20,199	1,102	6,533	12,564	10,039	GA	10,819	481	2,989	7,349	3,674
ME	1,498	99	494	906	702	FL	21,790	667	6,485	14,638	7,313
NH	1,428	53	185	1,191	1,014	E. So. Cent.	18,352	962	6,389	11,001	5,331
VT	714	23	191	499	421	KY	3,978	164	1,647	2,167	1,073
MA	10,147	664	3,931	5,553	4,200	TN	6,153	231	1,753	4,169	2,225
RI	1,211	53	346	812	704	AL	4,733	401	1,548	2,784	1,309
CT	5,200	210	1,386	3,604	2,997	MS	3,489	165	1,442	1,882	724
Mid. Atl.	87,645	2,528	28,723	56,394	41,435	W. So. Cent.	38,592	1,375	10,435	26,781	15,883
NY	54,566	1,507	18,013	35,046	26,374	AR	2,347	88	989	1,271	644
NJ	14,568	312	4,677	9,579	7,354	LA	5,681	248	1,650	3,782	2,081
PA	18,510	709	6,033	11,768	7,706	OK	4,032	151	1,312	2,569	1,398
E. No. Cent.	67,640	2,590	22,327	42,722	29,400	TX	26,531	888	6,485	19,159	11,760
OH	16,724	718	5,681	10,325	7,036	Mt.	22,872	855	7,920	14,096	8,163
IN	7,460	261	2,862	4,337	2,694	MT	1,249	67	364	818	523
IL	18,763	961	4,837	12,965	9,614	ID	1,205	40	477	689	370
MI	15,967	443	5,201	10,323	6,892	WY	1,315	32	505	778	407
WI	8,725	208	3,745	4,772	3,164	CO	6,340	195	1,592	4,553	2,838
W. No. Cent.	28,604	1,060	8,922	18,621	10,947	NM	2,211	99	1,123	989	425
MN	9,723	352	3,852	5,519	2,799	AZ	6,225	218	2,278	3,729	2,176
IA	4,529	165	1,384	2,981	1,854	UT	2,320	120	809	1,391	865
MO	6,168	246	1,733	4,188	2,646	NV	2,007	86	776	1,148	558
ND	898	48	346	504	293	Pac.	81,116	2,734	33,050	45,332	24,786
SD	850	44	180	626	466	WA	8,079	487	3,175	4,417	2,291
NE	2,467	126	465	1,876	1,152	OR	4,947	349	1,172	3,426	2,322
KS	3,969	79	962	2,927	1,737	CA	65,286	1,756	27,825	35,706	19,094
So. Atl.	68,959	3,917	21,290	43,752	25,612	AK	2,059	59	812	1,187	638
DE	792	30	353	410	205	HI	744	83	66	595	441
MD	7,732	413	2,090	5,229	3,842						

X Not applicable. ¹ Excludes duplicative intergovernmental transactions.

Source: U.S. Bureau of the Census, *Census of Governments: 1987*, Vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment* (GC82(6)-4), and *Government Finances*, series GF, No. 5, annual.

No. 486. State Aid to Local Governments: 1982, 1987, and 1988

[In millions of dollars. Fiscal year data; see text, section 9. Expenditures are from state resources only, federal dollars for particular programs which may be passed along to local governments are excluded. For additional data on state general fund resources and expenditures; see table 479. For data on Federal aid to state and local governments; see tables 470 and 471]

STATE	TOTAL AID ¹			RESTRICTED AID ²			UNRESTRICTED AID ³		
	1982	1987	1988	1982	1987	1988	1982	1987	1988
United States	88,129	132,970	142,638	78,427	117,494	126,117	9,703	15,476	16,521
New England:									
Maine	318	554	612	297	503	553	21	51	59
New Hampshire	95	108	136	35	57	85	59	51	51
Vermont	86	157	183	86	157	183	1	1	1
Massachusetts	1,698	2,972	3,178	1,234	2,025	2,125	464	947	1,053
Rhode Island	193	310	364	176	275	312	16	35	52
Connecticut	733	1,440	1,788	594	1,137	1,365	138	302	423
Middle Atlantic:									
New York	10,755	16,548	17,820	9,696	15,339	16,616	1,059	1,209	1,204
New Jersey	2,928	4,308	4,589	2,048	3,264	3,490	880	1,044	1,099
Pennsylvania	3,461	5,124	5,459	3,401	5,033	5,362	60	91	97
East North Central:									
Ohio	4,825	7,906	8,230	4,477	7,373	7,699	148	532	531
Indiana	1,844	2,620	2,875	1,821	2,598	2,851	23	22	24
Illinois	3,379	4,632	4,665	2,447	3,320	3,191	932	1,312	1,474
Michigan	2,875	4,611	4,871	2,437	3,814	4,032	438	797	839
Wisconsin	1,993	3,248	3,388	1,225	1,953	2,275	767	1,295	1,112
West North Central:									
Minnesota	2,550	3,212	3,552	2,499	3,174	3,509	52	38	43
Iowa	908	1,132	1,283	889	1,114	1,263	19	18	20
Missouri	1,038	1,935	2,190	963	1,841	2,062	56	94	127
North Dakota	333	323	324	277	269	278	56	54	46
South Dakota	64	88	91	59	86	86	4	5	6
Nebraska	299	307	309	299	307	309	-	-	-
Kansas	659	919	1,000	535	751	811	124	168	189
South Atlantic:									
Delaware	197	309	339	194	305	326	3	4	12
Maryland	1,460	2,038	2,174	1,380	1,936	2,055	80	102	118
Virginia	1,384	2,334	2,548	1,311	2,231	2,441	73	103	108
West Virginia	649	880	872	635	866	861	14	14	11
North Carolina	2,186	3,728	4,117	2,170	3,667	4,022	16	61	95
South Carolina	760	1,248	1,341	685	1,120	1,183	74	129	158
Georgia	1,590	2,424	2,702	1,530	2,334	2,612	60	90	90
Florida	3,728	7,233	8,148	2,956	5,748	6,457	771	1,485	1,690
East South Central:									
Kentucky	1,003	1,474	1,645	964	1,437	1,605	40	37	40
Tennessee	981	1,491	1,574	745	1,113	1,177	236	378	398
Alabama	860	1,176	1,258	690	961	1,032	170	215	226
Mississippi	666	1,004	1,031	483	741	774	182	263	257
West South Central:									
Arkansas	497	768	840	454	719	791	43	48	48
Louisiana	1,301	1,298	1,309	1,023	1,080	1,125	278	218	184
Oklahoma	736	931	935	712	911	915	24	20	20
Texas	4,186	5,304	5,426	4,186	5,304	5,426	-	-	-
Mountain:									
Montana	186	230	280	171	206	260	15	24	21
Idaho	329	435	469	294	390	424	34	45	45
Wyoming	319	368	393	151	287	309	168	81	84
Colorado	785	1,120	1,153	767	1,104	1,136	18	16	17
New Mexico	909	1,200	1,245	714	870	882	195	330	362
Arizona	957	1,789	1,909	801	1,476	1,583	157	312	326
Utah	447	690	741	447	690	741	1	-	-
Nevada	346	278	604	169	(NA)	262	178	278	342
Pacific:									
Washington	2,011	2,725	2,892	1,769	2,400	2,555	241	325	337
Oregon	795	919	969	611	714	776	184	205	192
California	17,479	26,293	27,986	16,473	23,919	25,339	1,006	2,373	2,647
Alaska	531	810	802	424	574	589	107	236	213
Hawaii	18	18	32	(⁴)	(⁵)	(⁶)	18	18	32

- Represents or rounds to zero. NA Not available. ¹ State resources given to local governments for public service delivery, either for specific programs or for general purpose government. ² Funds must be spent by the receiving local units on programs identified by the state government; most common programs are in the following areas: education, human services, transportation, criminal justice, environmental protection, housing/community development, natural resources, and economic development.

³ Funds granted to local governments without stipulating the use of these funds; most commonly in the form of payments in lieu of taxes; shared sales, income, and cigarette taxes; other shared taxes and fees; and direct state appropriations.

⁴ Appropriated. ⁵ South Carolina has two shared revenue programs that are distributed directly to local governments but are not considered part of state budget. ⁶ Restricted aid is zero because state provides many of these services directly.

Source: National Association of State Budget Officers, *State Aid to Local Governments 1989*.

No. 487. Number of Local Governments, by Type—States: 1982 and 1987

[Governments in existence in January. 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	1982			1987								
	All local governmental units ¹	School district governments	Special district governments	All local governmental units	County governments ²	Municipal governments ²	Township governments ²	School district governments	Special district governments			
									Total ¹	Natural re- sources	Fire pro- tection	Housing and community develop- ment
U.S.	81,780	14,851	28,078	83,188	3,042	19,200	16,691	14,721	29,532	6,360	5,070	3,484
AL.	1,018	127	390	1,053	67	436	-	129	421	69	4	156
AK.	156	-	6	172	9	149	-	-	14	-	-	13
AZ.	452	232	130	576	15	81	-	227	253	82	116	-
AR.	1,424	372	505	1,396	75	483	-	333	505	245	33	130
CA.	4,102	1,111	2,508	4,331	57	442	-	1,098	2,734	521	389	93
CO.	1,544	185	1,030	1,593	62	266	-	180	1,085	188	213	56
CT.	479	16	281	477	-	31	149	16	281	1	55	91
DE.	217	19	139	281	3	57	-	19	202	197	-	3
DC.	2	-	1	2	-	1	-	-	1	-	-	-
FL.	969	95	417	965	66	390	-	95	414	133	48	98
GA.	1,268	187	390	1,286	158	532	-	186	410	28	6	208
HI.	18	-	14	18	3	1	-	-	14	14	-	-
ID.	1,018	117	659	1,065	44	198	-	118	705	169	119	13
IL.	6,467	1,049	2,802	6,627	102	1,279	1,434	1,029	2,783	913	801	114
IN.	2,865	305	897	2,806	91	567	1,008	304	836	129	-	45
IA.	1,871	456	361	1,877	99	955	-	451	372	234	69	15
KS.	3,795	326	1,370	3,803	105	627	1,360	324	1,387	271	-	101
KY.	1,241	180	517	1,303	119	437	-	178	569	127	85	24
LA.	468	66	39	452	61	301	-	66	24	2	-	-
ME.	806	98	195	800	16	22	471	88	203	13	-	28
MD.	439	-	284	401	23	155	-	-	223	165	-	20
MA.	798	81	354	836	12	39	312	82	391	16	20	249
MI.	2,643	599	184	2,699	83	534	1,242	590	250	85	1	-
MN.	3,529	436	356	3,555	87	855	1,798	441	374	119	-	169
MS.	858	169	315	853	82	293	-	171	307	227	-	59
MO.	3,117	557	1,195	3,147	114	930	325	561	1,217	155	145	172
MT.	1,029	399	450	1,243	54	128	-	547	514	117	128	18
NE.	3,324	1,069	1,157	3,152	93	534	454	952	1,119	110	427	134
NV.	184	17	134	197	16	18	-	17	146	29	15	14
NH.	517	160	113	524	10	13	221	160	120	9	15	22
NJ.	1,591	548	454	1,625	21	320	247	551	486	16	172	84
NM.	319	89	101	331	33	98	-	88	112	73	-	7
NY.	3,249	726	923	3,302	57	618	929	720	978	2	898	-
NC.	905	-	321	916	100	495	-	-	321	142	1	108
ND.	2,795	325	692	2,787	53	366	1,355	310	703	83	279	34
OH.	3,393	669	377	3,377	88	940	1,318	621	410	100	30	55
OK.	1,702	638	406	1,802	77	591	-	636	498	110	17	119
OR.	1,454	352	825	1,502	36	240	-	350	876	213	270	23
PA.	5,198	514	2,050	4,956	66	1,022	1,548	515	1,805	5	1	88
RI.	122	3	80	125	-	8	31	3	83	3	39	26
SC.	645	92	242	707	46	269	-	92	300	46	86	43
SD.	1,767	196	199	1,782	64	309	984	193	212	102	31	38
TN.	913	15	469	904	94	334	-	14	462	124	-	94
TX.	4,180	1,124	1,681	4,415	254	1,156	-	1,113	1,892	399	70	398
UT.	504	40	211	530	29	225	-	40	236	71	13	11
VT.	664	273	83	673	14	55	237	272	95	20	19	9
VA.	407	-	83	430	95	229	-	-	106	43	-	-
WA.	1,734	300	1,130	1,779	39	266	-	297	1,177	161	411	48
WV.	633	55	292	630	55	230	-	55	290	15	-	32
WI.	2,592	408	263	2,719	72	580	1,268	433	366	150	-	204
WY.	395	56	225	424	23	95	-	56	250	114	44	-

- Represents zero. ¹ Includes other types of governments not shown separately. ² Includes "town" governments in the 6 New England States and in Minnesota, New York, and Wisconsin.

Source: U.S. Bureau of the Census, *Census of Governments: 1982 and 1987, Vol. 1, No. 1, Government Organization*.

No. 488. County, Municipal, and Township Governments, 1987, and Their Population, 1986, by Population-Size Group

[Number of governments as of January 1987; population estimated as of July 1, 1986. Consolidated city-county governments are classified as municipal rather than county governments. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Wisconsin]

POPULATION-SIZE GROUP	COUNTY GOVERNMENTS			MUNICIPAL GOVERNMENTS			TOWNSHIP GOVERNMENTS		
	Number, 1987	Population, 1986		Number, 1987	Population, 1986		Number, 1987	Population, 1986	
		Number (1,000)	Per cent		Number (1,000)	Per cent		Number (1,000)	Per cent
Total	3,042	217,397	100.0	19,200	149,864	100.0	16,691	52,065	100.0
250,000 or more	167	113,164	52.1	61	44,059	29.4	4	1,744	3.4
100,000-249,999	231	35,559	16.4	122	17,882	11.9	29	4,015	7.7
50,000-99,999	387	27,279	12.6	285	19,522	13.0	74	4,989	9.6
25,000-49,999	616	21,807	10.0	561	19,386	13.0	233	7,832	15.1
10,000-24,999	943	15,580	7.2	1,303	20,425	13.6	706	10,899	20.9
5,000-9,999				1,544	10,850	7.3	1,005	7,021	13.5
2,500-4,999				2,151	7,646	5.1	1,775	6,215	11.9
1,000-2,499	698	4,007	1.9	3,804	6,061	4.1	3,722	5,958	11.4
Less than 1,000				9,369	3,933	2.6	9,143	3,392	6.5

Source: U.S. Bureau of the Census, *Census of Governments: 1987, Vol. 1, No. 1, Government Organization*.

No. 489. County Governments—Summary of Finances, 1980 to 1988, and Per Capita, by Population-Size Group, 1988

[Covers fiscal years ending between July 1 of preceding year and June 30 of year stated. Represents all counties and their dependent agencies (including dependent school systems where applicable). Per capita based on estimated resident population as of July 1986]

ITEM	ALL COUNTIES (mil. dol.) ¹			PER CAPITA (dollars), 1988								
	1980	1985	1988	All counties		Counties with 1986 population (1,000) of—						
				Total (3,043) ²	Per- cent distribu- tion	Less than 100 ³ (2,645) ²	100 to 149.9 (124)	150 to 199.9 (66)	200 to 299.9 (75)	300 to 499.9 (58)	500 to 999.9 (53)	1,000 or more (22)
General revenue	54,573	85,500	106,069	477.82	100.0	440.80	413.21	467.21	418.83	441.02	619.69	542.02
Intergovernmental revenue ⁴	24,746	32,614	38,636	174.05	36.4	161.99	168.18	158.08	146.45	148.68	195.14	225.80
From State govern- ments	18,969	26,716	34,414	155.03	32.5	143.39	153.73	140.00	131.59	136.91	170.13	201.64
From Federal government	4,948	4,708	2,643	11.91	2.5	13.20	8.64	10.67	9.53	7.74	13.51	14.54
Tax revenue ⁴	18,813	30,898	40,578	182.87	38.3	154.58	138.54	206.80	154.49	182.90	274.22	193.17
Property	14,300	23,193	29,680	133.70	28.0	113.49	100.28	147.85	111.81	135.55	185.43	153.79
Charges and miscela- neous	11,014	21,988	26,855	120.98	25.3	124.23	106.50	102.32	117.90	109.44	150.32	123.05
General expenditure	54,291	90,948	105,462	475.05	100.0	436.45	395.17	459.37	413.99	455.63	618.25	538.72
Capital outlay	6,505	7,603	10,857	48.91	10.3	41.51	35.79	44.75	40.24	44.62	76.06	54.98
Other	47,786	73,345	94,596	426.14	89.7	394.94	359.38	414.62	373.75	411.01	542.19	483.74
Public welfare	8,591	12,237	15,069	67.88	14.3	39.35	57.47	48.82	73.33	74.86	91.91	102.17
Education	8,412	11,683	15,229	68.61	14.5	92.72	69.36	118.55	40.16	74.29	93.74	15.58
Highways	5,227	7,008	8,400	37.84	8.0	59.35	34.76	33.44	31.52	27.90	28.55	26.95
Hospitals	5,975	9,005	10,685	48.13	10.1	51.87	32.37	15.47	36.24	33.95	50.29	71.97
General control ⁵	3,374	5,566	7,309	30.39	6.4	21.08	23.98	25.59	27.48	28.48	38.66	46.91
Police protection	2,661	4,392	5,562	25.05	5.3	21.52	20.97	27.25	20.18	21.35	28.45	35.30
Financial administration	1,521	2,410	2,959	13.33	2.8	14.50	10.48	15.53	12.29	12.47	14.63	13.33
General public buildings	1,072	1,489	1,746	7.87	1.7	7.70	6.35	8.21	8.11	7.25	11.82	6.45
Health	2,806	4,794	6,409	28.87	6.1	23.12	26.94	28.88	30.21	30.36	33.91	36.25
Correction	1,759	3,466	5,237	23.59	5.0	12.32	17.42	17.07	21.97	34.21	32.47	40.32
Natural resources	687	1,033	1,109	4.99	1.1	4.69	2.42	3.14	2.19	4.42	4.25	9.43
Parks and recreation	1,094	1,506	1,946	8.77	1.9	4.03	4.63	8.66	7.90	8.84	18.72	10.63
Interest on general debt	1,542	4,852	7,171	32.31	6.8	25.62	26.17	26.78	25.71	28.38	48.18	41.50
Other and unallocable	9,570	11,709	16,621	77.42	16.3	58.58	61.85	81.98	76.70	78.87	122.67	81.93
Debt outstanding, end of year	32,993	72,260	102,794	463.07	100.0	360.80	380.39	405.47	379.90	441.94	680.87	582.77
Long-term	31,543	69,192	100,214	451.45	97.5	356.73	371.93	404.78	369.60	433.41	670.45	551.41
Short-term	1,450	3,068	2,580	11.62	2.5	4.07	8.46	0.69	10.30	8.53	10.43	31.36

¹ Data for counties under 100,000 population are estimates subject to sampling variation; see Appendix III and source.
² Figures in parentheses represent number of counties in each size group. ³ Estimated. ⁴ Includes other revenues not shown separately.
⁵ Includes judicial and legal as well as other administrative expenditures.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

No. 490. City Governments—Summary of Finances: 1980 to 1988

[For fiscal years ending in year shown; see text, section 9. Data revised since originally published and may not agree, therefore, with table 492. Represents all municipalities and their dependent agencies (including dependent school systems where applicable); excludes other local governments overlapping city areas. Includes sample-based estimates for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source.]

ITEM	TOTAL (mil. dol.)			PER CAPITA ¹ (dol.)			PERCENT DISTRIBUTION		
	1980	1985	1988	1980	1985	1988	1980	1985	1988
Revenue	94,862	147,672	176,684	672	1,007	1,179	100.0	100.0	100.0
General revenue	76,056	114,649	135,835	539	781	906	80.2	77.6	76.9
Intergovernmental revenue	28,270	35,859	38,440	200	244	257	29.8	24.3	21.8
From State governments only	15,939	23,103	28,079	113	157	187	16.8	15.6	15.9
Taxes	31,256	47,647	59,791	222	325	399	32.9	32.3	33.9
Property	16,859	23,459	29,948	119	160	200	17.8	15.9	17.0
Percent of total taxes	53.9	49.2	50.1	(X)	(X)	(X)	(X)	(X)	(X)
Sales and gross receipts	8,208	13,877	16,690	58	95	111	8.7	9.4	9.5
General	5,096	8,569	10,173	36	58	68	5.4	5.8	5.8
Selective	3,112	5,307	6,516	22	36	44	3.3	3.6	3.7
Income, licenses and other	6,189	10,312	13,153	44	70	88	6.5	7.0	7.5
Charges and miscellaneous	16,530	31,142	37,604	117	212	251	17.4	21.1	21.3
Current charges only	9,875	16,514	21,373	70	113	143	10.4	11.2	12.1
Utility and liquor store revenue	15,719	26,471	30,553	111	180	204	16.6	17.9	17.3
Water system	4,989	8,504	10,437	35	58	70	5.3	5.8	5.9
Electric power system	8,007	13,363	15,769	57	91	105	8.4	9.0	8.9
Gas supply system	1,444	2,796	2,313	10	19	16	1.5	1.9	1.3
Transit system	1,032	1,548	1,761	7	11	12	1.1	1.0	1.0
Liquor stores	247	260	273	2	2	2	0.3	0.2	0.2
Insurance trust revenue	3,088	6,552	10,275	22	45	69	3.3	4.4	5.8
Expenditure	93,699	140,000	174,651	664	954	1,165	100.0	100.0	100.0
General expenditure	72,433	105,652	133,881	513	720	893	77.3	75.5	76.7
Police protection	8,200	12,574	15,724	58	86	105	8.8	9.0	9.0
Fire protection	4,535	6,798	8,258	32	46	55	4.6	4.9	4.7
Highways	5,977	8,709	10,764	42	59	72	6.4	6.2	6.2
Sewerage and other sanitation	7,907	11,446	14,849	56	78	99	8.4	8.2	8.5
Public welfare	3,801	5,762	6,549	27	39	44	4.1	4.1	3.8
Education	9,284	11,433	14,591	66	78	97	9.9	8.2	8.4
Libraries	883	1,304	1,654	6	9	11	0.9	0.9	1.0
Health and hospitals	4,457	6,575	8,042	32	45	54	4.8	4.7	4.6
Parks and recreation	3,433	4,993	6,456	24	34	43	3.7	3.6	3.7
Housing and community development	3,459	5,105	6,574	25	35	44	3.7	3.6	3.8
Airports	1,100	1,694	2,512	8	12	17	1.2	1.2	1.4
Financial administration	1,843	2,703	3,375	13	18	23	2.0	1.9	1.9
General control	2,015	3,401	4,548	14	23	30	2.2	2.4	2.6
General public buildings	1,090	1,483	1,647	8	10	11	1.2	1.1	1.0
Interest on general debt	3,054	6,859	9,977	22	47	67	3.3	4.9	5.7
Other and unallocable	11,395	14,814	18,366	81	101	116	12.2	10.6	10.0
Utility and liquor store expenditure	18,274	29,534	34,706	130	201	232	19.5	21.1	19.9
Water system	5,933	9,601	12,087	42	85	81	6.3	6.9	6.9
Electric power system	8,596	13,588	15,987	61	93	107	9.2	9.7	9.2
Gas supply system	1,334	2,724	2,251	9	19	15	1.4	1.9	1.3
Transit system	2,189	3,381	4,129	16	23	28	2.3	2.4	2.4
Liquor stores	222	240	242	2	2	2	0.2	0.2	0.1
Insurance trust expenditure	2,993	4,814	6,064	21	33	41	3.2	3.4	3.5
By character and object:									
Direct expenditure	91,692	136,601	170,000	650	931	1,134	97.9	97.6	97.3
Current operation	66,687	99,301	121,028	473	677	808	71.2	70.9	69.3
Capital outlay	16,285	21,374	28,121	115	146	188	17.4	15.3	16.1
Construction	13,341	16,638	21,018	95	113	140	14.2	11.9	12.0
Land and existing structures	2,944	4,736	7,102	21	32	47	3.1	3.4	4.1
Assistance payments	1,546	2,060	2,043	11	14	14	1.6	1.5	1.2
Interest on debt	4,182	9,052	12,744	30	62	85	4.5	6.5	7.3
Insurance benefits, repayments	2,992	4,814	6,064	21	33	41	3.2	3.4	3.5
Intergovernmental expenditure	2,007	3,399	4,651	14	23	31	2.1	2.4	2.7
Total salaries and wages ⁴	34,709	48,050	59,324	246	328	396	37.0	34.3	34.0
Debt outstanding, year end	86,019	141,139	189,397	610	961	1,264	100.0	100.0	100.0
Long-term	82,346	135,912	184,965	584	926	1,234	95.7	96.3	97.7
Full faith and credit	39,570	46,345	60,323	280	316	403	46.0	32.8	31.9
Nonguaranteed	42,776	89,567	124,642	303	611	832	49.7	63.5	65.8
Short-term	3,673	5,227	4,432	26	36	30	4.3	3.7	2.4
Net long-term debt outstanding	72,528	124,516	125,751	514	849	839	84.3	88.2	66.4
Long-term debt issued	12,582	25,683	22,168	89	175	148	(X)	(X)	(X)
Long-term debt retired	5,541	11,397	15,026	39	78	100	(X)	(X)	(X)

X Not applicable. ¹ 1980 based on enumerated resident population as of April 1, 1980; 1985 based on estimated resident population as of July 1, 1984; 1988 based on estimated resident population as of July 1, 1986. ² Includes judicial and legal as well as other governmental administration. ³ Includes equipment. ⁴ Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 491. City Governments—Total and Per Capita Revenue, Expenditure, and Debt for Largest Cities: 1988

[For fiscal year closed in the 12 months ending June 30, 1988. Cities ranked by size of population estimated as of July 1, 1986, except Honolulu and Baton Rouge ranked by county population. Data reflect inclusion of fiscal activity of dependent school systems, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for details see text, section 9 and source]

CITIES RANKED BY 1986 POPULATION	GENERAL REVENUE		INTERGOVERN- MENTAL REVENUE		TAXES		GENERAL EXPENDITURE		GROSS DEBT OUTSTANDING	
	Total (mil. dol.)	Per capita ¹ (dol.)	Total (mil. dol.)	Per capita ¹ (dol.)	Total (mil. dol.)	Per capita ¹ (dol.)	Total (mil. dol.)	Per capita ¹ (dol.)	Total (mil. dol.)	Per capita ¹ (dol.)
New York City, NY ²	27,728	3,818	10,397	1,432	13,448	1,852	25,745	3,545	19,448	2,678
Los Angeles, CA	2,933	900	398	122	1,487	458	3,010	923	5,025	1,542
Chicago, IL	2,628	873	707	235	1,430	475	2,680	891	3,215	1,068
Houston, TX	1,251	723	160	93	600	347	1,429	826	3,572	2,066
Philadelphia, PA ²	2,404	1,463	553	337	1,444	879	2,282	1,389	3,843	2,339
Detroit, MI	1,443	1,328	700	644	510	470	1,590	1,484	1,177	1,084
San Diego, CA	861	848	173	171	276	272	787	775	1,524	1,501
Dallas, TX	739	737	38	38	437	435	956	953	1,412	1,407
San Antonio, TX	511	559	80	88	174	191	689	754	3,437	3,759
Phoenix, AZ	856	857	274	307	270	302	885	968	1,812	2,027
Honolulu, HI	542	664	103	127	324	397	546	668	509	623
Baltimore, MD	1,579	2,097	795	1,056	583	775	1,398	1,855	1,228	1,631
San Francisco, CA ²	2,049	2,736	615	821	742	991	1,613	2,153	1,832	2,446
Indianapolis, IN	689	957	230	320	286	398	667	926	612	850
San Jose, CA	522	733	72	101	257	360	547	768	961	1,349
Memphis, TN	686	1,066	430	659	148	227	658	1,008	797	1,222
Washington, DC ²	3,649	5,829	1,191	1,902	2,060	3,291	3,687	5,889	2,835	4,529
Jacksonville, FL ²	571	937	115	188	184	302	522	856	3,845	6,303
Milwaukee, WI	509	841	247	409	139	230	495	818	578	955
Boston, MA	1,396	2,433	656	1,143	514	896	1,315	2,293	752	1,311
Columbus, OH	433	765	69	122	226	399	495	874	1,017	1,797
New Orleans, LA ²	559	1,008	96	173	251	453	556	1,003	1,029	1,855
Cleveland, OH	456	852	123	230	237	443	466	869	703	1,312
Denver, CO ²	790	1,564	174	345	314	622	827	1,637	1,285	2,545
El Paso, TX	202	411	24	49	82	167	174	354	425	863
Seattle, WA	535	1,101	82	168	269	554	510	1,050	859	1,767
Nashville-Davidson, TN ²	831	1,753	178	375	373	787	797	1,683	2,374	5,012
Austin, TX	472	1,012	55	119	155	333	597	1,279	2,882	6,176
Oklahoma City, OK	318	712	33	75	126	282	314	705	465	1,042
Kansas City, MO	478	1,083	46	104	277	627	476	1,078	546	1,239
Fort Worth, TX	320	746	26	60	183	378	350	814	859	2,233
St. Louis, MO ²	484	1,136	76	179	268	630	486	1,140	687	1,613
Atlanta, GA	575	1,362	114	271	188	446	478	1,134	1,155	2,737
Long Beach, CA	487	1,229	89	225	134	338	432	1,091	559	1,411
Portland, OR	345	888	66	169	168	434	365	940	590	1,520
Pittsburgh, PA	331	855	74	191	214	552	282	728	540	1,384
Miami, FL	266	711	54	145	157	421	304	813	487	1,301
Tulsa, OK	343	918	17	45	142	380	348	931	1,461	3,909
Cincinnati, OH	430	1,164	94	253	179	485	383	1,036	212	573
Baton Rouge, LA	308	835	41	110	152	410	302	819	673	1,822
Albuquerque, NM	387	1,054	127	348	87	237	436	1,190	1,126	3,071
Tucson, AZ	324	889	111	304	116	317	344	942	808	2,214
Oakland, CA	433	1,212	54	151	171	479	378	1,059	1,024	2,969
Minneapolis, MN	527	1,477	164	459	139	391	565	1,583	1,832	5,134
Charlotte, NC	315	896	73	207	124	352	368	1,049	676	1,921
Omaha, NE	207	592	44	127	120	343	196	569	185	529
Toledo, OH	240	705	57	168	120	352	254	747	173	509
Virginia Beach, VA ²	499	1,497	192	576	250	750	495	1,484	439	1,315
Buffalo, NY	565	1,738	373	1,150	116	356	568	1,812	336	1,034
Sacramento, CA	232	716	24	74	122	379	249	769	198	611
Newark, NJ	328	1,035	184	583	78	245	283	926	146	463
Wichita, KS	263	912	52	181	63	220	228	792	913	3,169
Louisville, KY	191	663	42	146	112	389	211	733	634	2,206
Fresno, CA	181	634	35	124	80	280	184	646	258	907
Tampa, FL	248	895	42	151	90	324	258	929	629	2,265
Birmingham, AL	200	719	27	96	127	456	226	813	575	2,074
Norfolk, VA	451	1,640	185	675	174	634	468	1,703	487	1,772
Colorado Springs, CO	238	873	34	125	77	282	307	1,126	359	1,315
Corpus Christi, TX	141	536	15	56	64	242	138	523	416	1,577
St. Paul, MN	314	1,191	88	333	85	324	356	1,349	950	3,602
Mesa, AZ	146	579	50	201	42	168	173	687	324	1,288
Arlington, TX	125	502	7	30	69	277	142	570	457	1,828
Anaheim, CA	188	783	32	133	74	307	203	845	582	2,417
St. Petersburg, FL	170	712	23	84	65	271	195	813	363	1,517
Santa Ana, CA	146	617	28	119	80	339	160	676	203	856
Rochester, NY	521	2,208	330	1,399	122	516	547	2,319	242	1,026
Anchorage, AK ²	651	2,772	311	1,322	170	724	669	2,845	1,074	4,572
Akron, OH	189	762	30	134	80	362	178	802	129	580
Shreveport, LA ³	132	601	24	107	73	333	148	670	348	1,581
Jersey City, NJ	349	1,591	170	773	101	461	414	1,886	169	772
Aurora, CO	156	714	10	44	84	383	152	685	455	2,089
Richmond, VA ²	451	2,071	153	702	218	1,004	466	2,142	547	2,511
Lexington-Fayette, KY ²	172	807	38	177	86	401	187	877	413	1,935
Jackson, MS	107	516	35	170	36	172	95	456	296	1,419
Mobile, AL	134	658	6	29	76	372	116	573	565	2,779

¹Based on estimated population as of July 1, 1986. ²Represents, in effect, city-county consolidated government. ³1987 data.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF, No. 4, annual.

No. 492. City Governments—Finances, by Population-Size Groups: 1988

[For fiscal year closed in the 12 months ending June 30, 1988. Represents all municipalities and their dependent agencies, including dependent school systems where applicable. Size classifications based on 1986 population estimates; municipalities selected according to their 1986 estimated populations]

ITEM	All cities ¹	CITIES HAVING A 1986 POPULATION OF—						
		Less than 75,000 ¹	75,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,000	500,000 to 999,999	1,000,000 or more
Number of cities, 1988	19,200	18,930	87	108	24	27	16	8
Population, 1986 (1,000)	149,890	80,386	7,558	14,721	5,902	10,527	10,788	20,008
FINANCES, 1988 (mil. dol.)								
General revenue ²	135,835	44,670	5,965	12,566	5,859	10,781	15,808	39,986
Taxes ²	59,791	18,681	2,708	5,318	2,253	4,490	6,711	19,632
Property	29,948	10,908	1,715	3,282	1,111	2,051	3,262	7,619
Percent of total taxes	50.1	58.4	63.4	61.7	49.3	45.7	48.6	38.8
Sales and gross receipts	16,689	5,189	753	1,454	762	1,553	1,617	5,361
Intergovernmental ²	38,440	10,681	1,490	3,627	1,774	2,473	5,270	13,125
From State governments	28,079	8,297	1,175	2,628	1,274	1,540	3,019	10,146
From Federal Government	7,291	1,908	211	627	329	615	1,941	1,660
Current charges	21,373	8,646	958	2,106	1,051	2,027	2,175	4,410
Water supply and other utilities revenue ³	30,553	14,967	1,139	3,470	1,097	2,058	2,950	4,872
General expenditure ²	133,881	44,193	6,042	12,822	6,236	10,766	15,344	38,478
Police and fire protection	23,982	9,519	1,261	2,590	1,060	2,087	2,422	5,033
Education	14,591	2,587	838	1,884	981	836	1,806	5,659
Sewerage and sanitation	14,849	6,335	568	1,364	594	1,364	1,531	3,093
Highways	10,764	5,410	598	1,155	477	718	959	1,447
Health and hospitals	8,041	2,033	199	500	390	446	1,305	3,168
Public welfare	6,549	215	36	186	72	66	984	4,990
Housing and community development	6,574	1,555	307	557	336	567	729	2,523
Interest on general debt	9,977	3,500	521	875	633	1,254	1,208	1,986
Water supply and other utilities expenditure ³	34,706	15,676	1,238	3,658	1,256	2,576	3,765	6,537
Gross debt outstanding	189,397	67,621	9,151	16,973	11,388	21,817	23,234	39,213
Long-term	184,965	66,111	9,051	16,677	11,214	21,633	22,877	37,402
Short-term	4,432	1,512	100	296	174	183	357	1,810
PERCENT DISTRIBUTION								
General revenue ²	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Taxes ²	44.0	41.6	45.4	42.3	38.5	41.7	42.5	49.1
Property	22.1	24.3	28.8	26.1	19.0	19.0	20.6	19.1
Sales and gross receipts	12.3	11.6	12.6	11.6	13.0	14.4	10.2	13.4
Intergovernmental	28.3	23.8	25.0	28.8	30.3	22.9	33.3	32.8
Current charges	15.7	19.3	16.1	18.7	17.9	18.8	13.8	11.0
General expenditure ²	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Police and fire protection	17.9	21.5	20.9	20.2	17.0	19.5	15.8	13.1
Education	10.9	5.9	13.9	14.7	15.7	7.8	11.8	14.7
Sewerage and sanitation	11.1	14.3	9.4	10.6	9.5	12.7	10.0	8.0
Highways	8.0	12.3	9.9	9.0	7.7	6.7	6.3	3.8
Health and hospitals	6.0	4.6	3.3	3.9	6.3	4.2	8.5	8.2
Public welfare	4.9	0.5	0.6	1.5	1.2	0.6	6.4	13.0
Housing and community development	4.9	3.5	5.1	4.4	5.4	5.3	4.8	6.6
Interest on general debt	7.5	7.9	8.6	6.8	10.2	11.7	7.9	5.2
PER CAPITA ⁴ (dollars)								
General revenue ²	906	558	789	855	993	1,024	1,465	1,999
Taxes ²	399	232	358	361	382	427	622	981
Property	200	136	227	223	188	195	302	381
Sales and gross receipts	111	85	100	99	129	148	150	268
Intergovernmental ²	257	133	197	246	301	235	489	656
From State governments	187	103	156	179	216	146	280	507
From Federal Government	49	24	28	43	56	59	180	83
Current charges	143	108	127	143	178	193	202	221
Water supply and other utilities revenue ³	204	186	151	236	186	196	274	244
General expenditure ²	893	550	800	871	1,057	1,023	1,422	1,923
Police and fire protection	160	119	167	176	180	199	225	252
Education	97	32	111	128	166	80	168	283
Sewerage and sanitation	99	79	75	93	101	130	142	155
Highways	72	67	79	79	81	68	89	72
Health and hospitals	54	25	26	34	66	42	121	158
Public welfare	44	3	5	13	12	6	91	250
Housing and community development	44	19	41	38	57	54	68	126
Interest on general debt	67	44	69	60	107	119	112	99
Water supply and other utilities expenditure ³	232	195	164	249	213	245	349	327
Gross debt outstanding	1,284	841	1,211	1,153	1,930	2,073	2,154	1,960
Long-term	1,234	823	1,198	1,133	1,900	2,055	2,121	1,889
Short-term	30	19	13	20	30	17	33	91

¹ Data are estimates subject to sampling variation, see source and Appendix III. ² Includes items not shown separately. ³ Includes liquor stores. ⁴ Based on estimated resident population as of July 1, 1986.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF, No. 4, annual.

No. 493. City Governments—Finances,
(In millions of dollars. For fiscal year closed)

CITIES RANKED BY 1986 ¹ POPULATION	REVENUE							Gross debt out- stand- ing	
	Total ²	General revenue					Utility and liquor store revenue		
		Total ²	Intergovernmental		Taxes				
			From State and local gov'ts	From Federal Government	Total ²	Prop- erty			Sales and gross receipts
New York City, NY ³	33,775	27,728	9,505.8	890.8	13,447.8	5,427.3	3,256.5	1,758.2	19,446
Los Angeles, CA	5,309	2,933	311.6	86.1	1,486.5	516.6	683.3	1,796.6	5,025
Chicago, IL	3,269	2,628	419.9	287.5	1,429.5	505.9	788.0	187.6	3,215
Houston, TX	1,628	1,251	28.5	131.9	600.1	346.4	238.2	188.8	3,572
Philadelphia, PA ³	3,028	2,404	455.2	97.7	1,444.3	278.5	29.6	574.5	3,843
Detroit, MI	1,937	1,443	614.5	85.2	510.5	176.8	117	50.4	1,177
San Diego, CA	1,053	861	109.7	63.6	276.4	110.8	147.2	117.2	1,524
Dallas, TX	1,043	739	20.1	17.5	436.8	256.3	167.7	110.5	1,412
San Antonio, TX	1,351	511	23.8	56.5	174.4	98.7	70.4	807.2	3,437
Phoenix, AZ	976	856	204.8	69.4	270.3	91.3	162.4	87.7	1,812
Honolulu, HI ³	610	542	33.6	69.6	324.1	258.8	40.0	67.5	509
Baltimore, MD ³	1,745	1,579	662.9	131.9	583.4	386.7	36.8	41.5	1,228
San Francisco, CA ³	2,516	2,049	519.5	95.5	742.2	387.6	178.2	192.3	1,832
Indianapolis, IN ³	703	689	173.9	56.4	286.3	234.9	15.2	8.0	612
San Jose, CA	605	522	59.6	12.1	256.6	96.3	112.3	6.4	961
Memphis, TN	1,576	696	417.6	12.4	148.2	195.6	28.0	773.3	797
Washington, DC ³	3,907	3,649	40.1	1,150.9	2,060.3	609.4	572.2	56.5	2,835
Jacksonville, FL ³	1,131	571	78.5	36.2	184.0	134.8	40.0	485.9	3,845
Milwaukee, WI	703	509	225.6	21.6	139.0	130.0	2.2	34.1	578
Boston, MA ³	1,500	1,396	619.5	36.1	513.8	461.1	31.2	34.1	752
Columbus, OH	505	433	44.0	24.8	225.9	17.8	5.6	72.0	1,017
New Orleans, LA ³	639	559	29.4	66.4	251.2	109.8	121.5	53.4	1,029
Cleveland, OH	602	456	53.9	69.3	237.4	45.2	2.5	146.0	703
Denver, CO ³	914	790	142.3	31.7	314.0	90.5	28.7	84.8	1,285
El Paso, TX	256	202	9.0	15.2	82.0	46.0	32.8	29.8	425
Seattle, WA	878	535	64.5	17.2	269.1	98.6	110.7	280.3	859
Nashville-Davidson, TN	1,429	831	158.4	19.3	372.8	195.6	148.4	564.2	2,374
Austin, TX	957	472	44.8	10.5	155.3	94.0	55.9	441.4	2,882
Oklahoma City, OK	364	318	4.8	28.7	125.9	25.9	96.3	29.2	465
Kansas City, MO	572	478	24.8	21.1	276.8	40.7	126.4	38.9	546
Fort Worth, TX	425	320	14.9	10.8	162.5	107.0	51.0	49.1	959
St. Louis, MO ³	593	484	29.9	46.6	268.4	35.3	121.8	28.6	687
Atlanta, GA	682	575	74.0	40.5	188.0	106.6	52.2	67.0	1,155
Long Beach, CA	642	487	60.0	29.0	134.1	55.7	65.1	153.6	559
Portland, OR	386	345	40.9	24.7	168.5	116.4	30.2	38.0	590
Pittsburgh, PA	343	331	56.8	17.3	214.0	97.7	20.5	-	540
Miami, FL	357	266	30.6	23.6	157.3	117.4	33.3	-	487
Tulsa, OK	388	343	12.0	4.9	141.9	20.3	119.2	39.2	1,461
Cincinnati, OH	581	430	64.0	29.5	179.2	31.3	1.9	42.9	212
Baton Rouge, LA ³	341	308	22.0	18.7	151.5	56.9	86.4	2.7	673
Albuquerque, NM	424	387	98.4	29.0	87.1	42.1	41.2	37.5	1,126
Tucson, AZ	402	324	85.5	25.3	115.8	20.9	89.2	63.5	808
Oakland, CA	459	433	40.7	13.2	171.1	77.3	56.8	-	1,024
Minneapolis, MN	663	527	115.2	48.5	139.5	119.2	11.6	23.2	1,832
Charlotte, NC	354	315	67.2	5.6	124.0	112.5	2.8	26.9	676
Omaha, NE	237	207	23.3	21.1	119.7	56.4	55.8	-	185
Toledo, OH	259	240	22.2	35.1	120.0	11.1	0.8	19.3	173
Virginia Beach, VA ³	526	499	170.0	22.1	250.0	162.6	64.6	26.6	439
Buffalo, NY	580	565	337.5	35.9	115.8	102.1	9.4	15.7	336
Sacramento, CA	283	232	22.5	1.4	122.5	49.8	61.0	16.6	198
Newark, NJ	353	328	163.9	20.5	77.6	51.2	8.1	24.3	146
Wichita, KS	318	263	44.6	7.7	63.5	40.3	19.7	18.6	913
Louisville, KY	257	191	5.2	36.9	111.9	32.5	17.2	50.7	634
Fresno, CA	252	181	22.7	12.7	79.8	29.8	40.1	12.6	258
Tampa, FL	369	248	28.4	13.6	89.8	28.3	54.5	22.6	629
Birmingham, AL	233	200	13.8	12.8	126.5	20.9	44.0	-	575
Norfolk, VA ³	518	451	133.2	52.3	174.2	94.2	62.3	28.6	487
Colorado Springs, CO	490	238	26.7	7.3	77.0	15.2	60.6	249.6	359
Corpus Christi, TX	190	141	5.5	9.2	63.9	38.3	24.7	48.7	416
St. Paul, MN	365	314	68.1	19.7	85.4	64.0	16.7	23.4	950
Mesa, AZ	207	146	46.5	4.0	42.3	4.0	35.3	61.7	324
Arlington, TX	152	125	1.8	5.7	69.2	39.8	27.5	26.4	457
Anaheim, CA	403	188	16.5	15.6	73.9	13.6	54.3	214.1	582
St. Petersburg, FL	221	170	16.9	5.8	64.8	37.1	24.9	32.1	363
Santa Ana, CA	162	146	14.7	13.5	80.2	34.3	37.3	15.6	203
Rochester, NY	545	521	306.1	24.0	121.8	108.0	10.0	23.6	242
Anchorage, AK ³	753	651	299.4	11.3	170.1	161.1	3.4	79.8	1,074
Akron, OH	192	169	20.3	9.5	80.3	12.3	0.2	22.4	129
Shreveport, LA	152	132	14.9	8.7	73.5	29.6	39.8	13.7	348
Jersey City, NJ ⁴	373	349	165.2	4.5	101.3	99.1	-	17.0	169
Aurora, CO	176	156	8.7	0.9	83.5	13.5	63.3	20.4	455
Richmond, VA ³	550	451	126.2	26.6	218.5	139.0	53.8	86.7	547
Lexington-Fayette, KY ³	186	172	15.5	22.3	85.6	15.8	14.5	1.3	413
Jackson, MS	123	107	31.4	4.0	36.0	31.1	3.2	15.1	296
Mobile, AL	146	134	5.9	0.1	75.6	5.5	54.3	11.8	565

- Represents zero. Z Less than \$50,000. ¹ Based on estimated resident population as of July 1, 1986. ² Includes other categories, not shown separately. ³ Represents, in effect, city-county consolidated government. ⁴ 1987 data.

Largest Cities: 1989

in the 12 months ending June 30, 1988. See headnote, table 491]

Total ²	EXPENDITURE								Utility and liquor store	CITIES RANKED BY 1986 ¹ POPULATION
	General expenditure									
	Total ²	Educa- tion	Housing and com- munity develop- ment	Public welfare	Health and hospitals	Police protec- tion	Fire protec- tion	High- ways		
31,327	25,745	5,592.3	1,622.6	4,744.0	2,769.7	1,540.0	653.7	615.0	3,192.2	New York City, NY ³
5,270	3,010	4.1	194.4	-	6.4	508.6	200.2	173.9	1,782.8	Los Angeles, CA
3,127	2,680	34.4	168.2	88.1	71.1	547.8	204.0	251.3	158.0	Chicago, IL
1,674	1,429	-	40.5	-	29.5	179.0	111.7	115.7	201.1	Houston, TX
3,117	2,282	23.2	139.4	156.4	199.5	283.2	103.4	51.0	626.9	Philadelphia, PA ³
2,060	1,590	5.1	283.9	-	77.5	266.6	68.6	114.0	251.7	Detroit, MI
982	787	-	57.7	1.2	1.9	122.7	48.5	53.6	160.7	San Diego, CA
1,180	956	-	15.9	-	12.6	124.0	70.5	72.4	163.4	Dallas, TX
1,653	689	5.6	11.2	3.0	14.3	71.7	49.5	79.3	954.6	San Antonio, TX
999	865	6.2	38.9	0.6	0.7	122.3	60.5	130.5	120.5	Phoenix, AZ
691	546	-	29.3	-	5.7	82.1	33.1	51.0	145.6	Honolulu, HI ³
1,510	1,396	428.7	49.9	0.6	43.0	137.9	68.8	159.4	49.7	Baltimore, MD ³
2,197	1,613	40.5	35.9	198.2	338.7	125.7	78.5	10.7	406.4	San Francisco, CA ³
715	667	0.7	25.4	50.2	119.7	74.9	27.9	40.6	24.7	Indianapolis, IN ³
580	547	-	96.1	-	-	71.6	41.5	45.7	7.1	San Jose, CA
1,440	658	326.2	7.0	-	13.5	64.0	49.4	15.9	733.0	Memphis, TN
4,038	3,687	603.0	203.1	613.2	423.4	231.4	89.2	140.8	97.9	Washington, DC ³
1,264	522	(Z)	29.5	8.7	27.4	55.2	40.9	41.4	717.4	Jacksonville, FL ³
578	495	-	30.3	-	12.1	102.6	49.7	44.1	30.8	Milwaukee, WI
1,491	1,315	395.2	58.4	2.3	159.8	123.3	77.9	49.8	22.5	Boston, MA ³
592	495	-	10.0	-	17.0	75.1	46.5	34.9	97.4	Columbus, OH
633	556	-	57.2	16.8	9.3	51.8	29.0	40.8	50.6	New Orleans, LA ³
653	466	-	36.1	-	14.8	95.1	50.4	43.9	186.7	Cleveland, OH
960	827	-	10.3	90.5	105.2	93.1	51.0	30.5	120.0	Denver, CO ³
218	174	-	3.5	0.3	9.6	31.7	17.5	13.6	34.5	El Paso, TX
874	510	-	18.1	-	8.0	66.5	48.8	13.0	315.2	Seattle, WA
1,463	797	271.9	6.6	7.5	73.4	49.9	27.7	32.5	629.5	Nashville-Davidson, TN ³
1,329	597	0.4	1.7	1.1	106.5	50.9	33.8	78.0	717.8	Austin, TX
381	314	-	10.7	-	40.9	37.8	26.2	23.3	62.0	Oklahoma City, OK
542	476	22.3	7.1	0.1	31.9	69.4	31.9	41.6	45.3	Kansas City, MO
450	350	-	3.2	-	7.1	43.8	30.6	41.3	85.4	Fort Worth, TX
548	486	1.8	19.6	3.3	51.2	81.4	33.8	19.4	25.5	St. Louis, MO ³
561	478	21.3	18.5	3.8	0.1	49.8	31.7	23.2	55.8	Atlanta, GA
599	432	1.2	50.3	-	8.4	72.8	44.6	19.2	165.7	Long Beach, CA
430	365	-	64.5	-	14.2	63.4	39.9	18.1	39.2	Portland, OR
328	282	-	8.2	(Z)	7.8	38.0	30.2	19.5	13.5	Pittsburgh, PA
330	304	(Z)	24.2	1.1	0.2	67.8	37.0	18.2	-	Miami, FL
395	348	0.2	4.6	-	5.6	37.5	27.1	19.7	44.7	Tulsa, OK
458	383	-	28.0	-	24.6	50.1	39.4	29.1	38.0	Cincinnati, OH
323	302	-	16.1	1.1	20.7	29.5	16.5	14.4	5.4	Baton Rouge, LA ³
486	436	-	15.8	-	3.0	38.3	21.0	24.0	49.4	Albuquerque, NM
419	344	-	18.5	1.8	-	48.8	23.4	48.0	70.9	Tucson, AZ
414	378	1.8	29.8	-	(Z)	51.8	28.5	19.6	-	Oakland, CA
649	565	-	73.3	-	8.0	43.9	25.3	38.0	22.6	Minneapolis, MN
419	369	-	10.3	0.3	1.7	28.0	22.6	35.6	46.9	Charlotte, NC
204	196	0.1	8.3	-	0.3	28.1	22.4	25.7	8.2	Omaha, NE
274	254	-	23.9	-	4.5	45.8	27.9	18.3	19.4	Toledo, OH
521	495	231.8	2.7	10.4	10.6	31.2	16.6	42.8	26.5	Virginia Beach, VA ³
603	588	282.7	49.4	-	1.2	37.8	31.1	22.7	14.8	Buffalo, NY
284	249	-	27.5	-	0.8	48.6	29.2	18.7	19.0	Sacramento, CA
329	293	-	22.1	35.4	5.8	52.2	36.8	0.8	28.9	Newark, NJ
257	228	-	8.3	-	2.8	16.7	11.3	25.2	18.4	Wichita, KS
272	211	-	28.7	3.0	3.8	34.2	18.8	8.4	53.3	Louisville, KY
227	184	-	7.6	-	3.8	39.7	17.1	18.6	23.5	Fresno, CA
321	258	-	7.0	-	(Z)	37.0	17.0	16.2	43.4	Tampa, FL
238	226	1.7	11.4	-	1.8	25.3	21.5	25.9	-	Birmingham, AL
507	468	167.6	50.7	23.7	22.6	23.8	17.4	23.9	29.0	Norfolk, VA ³
582	307	-	6.1	-	68.0	24.6	15.9	31.9	274.4	Colorado Springs, CO
200	138	-	(Z)	-	5.1	18.7	12.0	13.0	62.1	Corpus Christi, TX
392	356	-	18.4	-	47.3	27.4	20.6	21.1	25.6	St. Paul, MN
245	173	-	3.3	0.2	-	31.8	17.1	22.0	72.6	Mesa, AZ
184	142	-	6.3	-	1.4	19.5	14.7	29.3	41.8	Arlington, TX
405	203	-	34.9	-	1.4	34.1	17.3	9.6	201.1	Anaheim, CA
245	195	-	6.3	-	-	29.4	11.6	16.8	40.1	St. Petersburg, FL
176	160	-	38.2	-	2.4	34.9	15.7	14.1	15.4	Santa Ana, CA
566	547	238.4	35.9	-	-	31.2	22.5	11.0	18.9	Rochester, NY
778	669	246.8	-	-	27.3	40.1	23.5	72.7	105.4	Anchorage, AK ³
195	178	-	8.0	-	5.3	23.2	18.8	22.3	17.1	Akron, OH
187	148	-	3.0	(Z)	(Z)	14.3	14.6	25.1	34.1	Shreveport, LA
429	414	162.9	2.8	6.1	80.8	32.7	26.6	7.9	11.4	Jersey City, NJ ⁴
173	152	-	1.2	-	-	24.8	15.6	21.0	21.4	Aurora, CO
581	466	157.1	45.9	33.4	10.3	29.8	24.6	16.7	105.0	Richmond, VA ³
201	187	-	10.7	5.3	8.8	17.0	17.3	10.1	8.3	Lexington-Fayette, KY ³
113	95	-	1.3	-	-	14.3	12.9	12.3	17.7	Jackson, MS
132	116	-	-	-	0.5	16.1	12.1	3.9	15.7	Mobile, AL

Source: U.S. Bureau of the Census, *City Government Finances*, series GF, No. 4, annual.

No. 494. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1989

[Preliminary. Data based on average family of four (two wage earners and two school age children) owning their own home and living in a city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes. For definition of median, see Guide to Tabular Presentation]

CITY	TOTAL TAXES PAID BY GROSS FAMILY INCOME LEVEL (dol.)				PERCENT OF INCOME BY INCOME LEVEL			
	\$25,000	\$50,000	\$75,000	\$100,000	\$25,000	\$50,000	\$75,000	\$100,000
Albuquerque, NM	2,074	4,116	6,880	9,679	8.3	8.2	9.2	9.7
Atlanta, GA	2,651	5,181	8,478	11,202	10.6	10.4	11.3	11.2
Baltimore, MD	2,861	5,758	8,832	11,701	11.4	11.5	11.8	11.7
Bridgeport, CT	2,754	4,484	7,653	9,717	11.0	9.0	10.2	9.7
Burlington, VT	2,024	4,075	6,888	9,446	8.1	8.1	9.2	9.4
Charleston, WV	1,877	3,560	6,514	8,834	7.5	7.1	8.7	8.8
Charlotte, NC	2,309	4,558	7,416	9,909	9.2	9.1	9.9	9.9
Chicago, IL	1,931	3,791	5,910	7,772	7.7	7.6	7.9	7.8
Cleveland, OH	2,429	5,049	8,051	11,126	9.7	10.1	10.7	11.1
Columbia, SC	2,352	4,928	8,226	10,862	9.4	9.9	11.0	10.9
Des Moines, IA	2,610	5,331	8,287	10,951	10.4	10.7	11.0	11.0
Detroit, MI	3,016	6,091	9,363	12,478	12.1	12.2	12.5	12.5
Honolulu, HI	2,282	5,002	8,200	11,222	9.1	10.0	10.9	11.2
Indianapolis, IN	2,197	3,834	6,361	8,202	8.8	7.7	8.5	8.2
Jackson, MS	1,988	3,951	7,010	9,178	8.0	7.9	9.3	9.2
Louisville, KY	2,380	4,696	7,110	9,288	9.5	9.4	9.5	9.3
Memphis, TN	1,849	3,036	4,546	5,840	7.4	6.1	6.1	5.8
Milwaukee, WI	3,546	7,409	11,405	15,063	14.2	14.8	15.2	15.1
Newark, NJ	2,418	4,878	7,636	10,117	9.7	9.8	10.2	10.1
New York City, NY	2,654	6,154	10,272	14,001	10.6	12.3	13.7	14.0
Norfolk, VA	2,120	4,317	7,396	9,618	8.5	8.6	9.9	9.6
Omaha, NE	2,306	4,351	7,377	9,856	9.2	8.7	9.8	9.9
Philadelphia, PA	3,067	5,803	8,529	11,135	12.3	11.6	11.4	11.1
Portland, ME	2,047	4,622	8,455	11,409	8.2	9.2	11.3	11.4
Portland, OR	3,496	7,288	11,429	15,139	14.0	14.6	15.2	15.1
Providence, RI	2,595	4,904	8,364	11,125	10.4	9.8	11.2	11.1
St. Louis, MO	2,164	4,303	6,804	8,883	8.7	8.6	9.1	8.9
Salt Lake City, UT	2,313	4,784	7,593	10,083	9.3	9.6	10.1	10.1
Sioux Falls, SD	2,312	3,869	5,790	7,396	9.2	7.7	7.7	7.4
Washington, DC	2,602	5,361	8,732	11,941	10.4	10.8	11.6	11.9
Median ¹	2,195	4,484	7,375	9,446	8.8	9.0	9.8	9.4

¹ Median of all 51 cities. For complete list of cities, see table 495.

Source: Government of the District of Columbia, Department of Finance and Revenue, *Tax Rates and Tax Burdens in the District of Columbia: a Nationwide Comparison*, annual.

No. 495. Residential Property Tax Rates in Selected Large Cities: 1989

CITY	EFFECTIVE TAX RATE PER \$100		Assessment level (per cent)	Nominal rate per \$100	CITY	EFFECTIVE TAX RATE PER \$100		Assessment level (per cent)	Nominal rate per \$100
	Rank	Rate				Rank	Rate		
Detroit, MI	1	4.40	49.4	6.92	Louisville, KY	26	1.53	100.0	1.53
Milwaukee, WI	2	3.69	95.3	3.87	Jackson, MS	27	1.46	10.0	14.58
Portland, OR	3	3.32	100.0	3.32	New Orleans, LA	28	1.44	10.0	14.37
Des Moines, IA	4	3.11	79.8	3.90	Billings, MT	29	1.32	3.9	34.10
Cleveland, OH	5	2.75	35.0	7.87	Seattle, WA	30	1.30	95.7	1.36
Baltimore, MD	6	2.62	42.5	6.16	Columbia, SC	31	1.24	4.0	31.04
Newark, NJ	7	2.61	17.0	15.37	Norfolk, VA	32	1.22	90.0	1.35
Philadelphia, PA	8	2.52	32.0	7.87	Wichita, KS	33	1.17	7.8	14.97
Omaha, NE	9	2.44	89.2	2.73	St. Louis, MO	34	1.15	19.0	6.04
Providence, RI	10	2.39	100.0	2.39	Charlotte, NC	35	1.14	88.7	1.29
Sioux Falls, IA	11	2.33	94.2	2.47	Washington, DC	36	1.09	92.7	1.18
Minneapolis, MN	12	2.19	22.3	9.83	Little Rock, AR	37	1.08	20.0	5.41
Jacksonville, FL	13	2.13	99.7	2.14	Salt Lake City, UT	38	1.05	60.0	1.75
Atlanta, GA	14	2.08	40.0	5.20	Albuquerque, NM	39	1.03	33.3	3.10
Boise City, ID	15	1.95	100.0	1.95	Denver, CO	40	1.01	15.0	6.74
Bridgeport, CT	16	1.83	32.0	5.72	Oklahoma City, OK	41	0.97	11.0	8.85
Memphis, TN	17	1.77	25.0	7.09	Las Vegas, NV	42	0.94	32.1	2.92
Manchester, NH	18	1.74	17.0	10.23	New York City, NY	43	0.85	8.9	9.54
Anchorage, AK	19	1.71	91.9	1.86	Boston, MA	44	0.80	100.0	0.80
Fargo, ND	20	1.70	4.5	37.73	Casper, WY	45	0.72	9.5	7.61
Burlington, VT	21	1.59	72.0	2.21	Birmingham, AL	46	0.70	10.0	6.95
Chicago, IL	22	1.59	16.0	9.93	Phoenix, AZ	47	0.68	5.4	12.50
Indianapolis, IN	23	1.58	15.0	10.53	Honolulu, HI	48	0.64	100.0	0.64
Portland, ME	24	1.56	45.0	3.48	Los Angeles, CA	49	0.63	61.2	1.03
Houston, TX	25	1.53	100.0	1.53	Wilmington, DE	50	0.63	75.9	0.83
					Charleston, WV	51	0.53	30.4	1.73

Source: Government of the District of Columbia, Department of Finance and Revenue, *Tax Rates and Tax Burdens in the District of Columbia: a Nationwide Comparison*, annual.

No. 496. Gross Assessed Value of Property and Government Revenue From Property Taxes: 1975 to 1988

[In billions of dollars, except percent. Data are estimates subject to sampling variability; see Appendix III and source]

ITEM	1975	1979	1981	1983	1984	1985	1986	1987	1988
Gross assessed value of property¹	1,086.3	1,678.8	2,958.2	(NA)	4,053.1	(NA)	4,817.8	(NA)	(NA)
State assessed	74.8	113.5	159.2	(NA)	200.1	(NA)	242.9	(NA)	(NA)
Locally assessed	1,021.5	1,565.3	2,799.0	(NA)	3,853.0	(NA)	4,574.9	(NA)	(NA)
Real property	881.6	1,358.5	2,514.9	(NA)	3,446.5	(NA)	4,104.5	(NA)	(NA)
Percent of locally assessed	86.3	86.8	89.8	(NA)	89.4	(NA)	89.7	(NA)	(NA)
Net assessed value of locally taxable property²	1,062.9	1,607.3	2,837.5	(NA)	3,868.8	(NA)	4,619.7	(NA)	(NA)
Percent of gross assessed	97.0	95.7	95.9	(NA)	95.5	(NA)	95.9	(NA)	(NA)
REVENUE FROM PROPERTY TAXES									
Total revenue, State and local	51.5	64.9	75.0	89.1	96.5	103.8	111.7	121.2	132.2
Percent of general revenue	22.6	18.9	17.7	18.3	17.8	17.4	17.4	17.7	18.2
Percent of tax revenue	36.4	31.6	30.7	31.3	30.1	29.7	29.9	29.9	30.4
Revenue, State governments	1.5	2.5	2.9	3.3	3.9	4.0	4.4	4.6	5.0
Percent of all revenue	0.9	1.0	0.9	0.9	1.0	0.9	0.9	0.9	1.1
Percent of tax revenue	1.8	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.9
Revenue, local governments	50.0	62.5	72.0	85.8	92.6	99.8	107.4	116.6	127.2
Annual average percent change from prior year shown	38.6	5.7	7.3	9.2	7.9	7.8	7.6	8.6	9.1
Percent of all revenue	32.2	26.6	25.0	25.4	25.3	24.8	24.7	24.8	29.3
Percent of tax revenue	81.6	77.5	76.0	76.0	75.0	74.2	74.0	73.7	74.1

NA Not available. ¹ Gross assessed value amounts may include prior year components for those states unable to report data for indicated year at time of publication. See sources for definitions of terms and limitations of data. ² Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. ³ Change from 1971.

Source: U.S. Bureau of the Census, *Census of Governments: 1982 and 1987, Vol. 2: Property Values Subject to Local General Property Taxation in the United States: 1975 and 1979*, series GSS Nos. 80, 92, and 98; and *Government Finances*, series GF, No. 5, annual.

No. 497. Governmental Employment and Payrolls: 1970 to 1988

[For October. Covers both full-time and part-time employees. Except for 1982, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307]

TYPE OF GOVERNMENT	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
EMPLOYEES (1,000)											
Total	13,028	14,973	16,213	15,968	15,841	16,034	16,436	16,690	16,933	17,281	17,588
Federal (civilian)	2,881	2,890	2,898	2,865	2,848	2,875	2,942	3,021	3,019	3,081	3,112
State and local	10,147	12,084	13,315	13,103	12,993	13,159	13,494	13,669	13,913	14,190	14,476
Percent of total	77.9	80.7	82.1	82.1	82.0	82.1	82.1	81.9	82.2	82.1	82.3
State	2,755	3,271	3,753	3,726	3,744	3,816	3,898	3,984	4,068	4,115	4,236
Local	7,392	8,813	9,562	9,377	9,249	9,344	9,595	9,685	9,846	10,076	10,240
Counties	1,229	1,563	1,853	1,808	1,824	1,811	1,872	1,891	1,926	1,963	2,024
Municipalities	2,244	2,506	2,561	2,469	2,397	2,424	2,434	2,467	2,494	2,541	2,570
School districts	3,316	3,969	4,270	4,222	4,194	4,211	4,387	4,416	4,502	4,620	4,679
Townships	330	392	394	386	356	379	386	392	400	414	415
Special districts	275	383	484	492	478	519	516	519	524	537	552
OCTOBER PAYROLLS (mil.dol.)											
Total	8,334	13,224	19,935	21,193	23,173	24,525	26,904	28,945	30,670	32,382	34,203
Federal (civilian)	2,428	3,584	5,205	5,239	5,959	6,301	7,137	7,580	7,561	7,924	7,976
State and local	5,906	9,640	14,730	15,954	17,214	18,224	19,767	21,365	23,109	24,458	26,227
Percent of total	70.9	72.9	73.9	75.3	74.2	74.3	73.5	73.8	75.3	75.5	76.7
State	1,612	2,653	4,285	4,698	5,022	5,348	5,815	6,329	6,810	7,298	7,842
Local	4,294	6,987	10,445	11,257	12,192	12,878	13,952	15,036	16,298	17,160	18,385
Counties	640	1,183	1,896	2,083	2,287	2,387	2,596	2,819	3,009	3,258	3,532
Municipalities	1,361	2,129	2,951	3,222	3,428	3,640	3,872	4,191	4,407	4,687	4,979
School districts	2,032	3,160	4,683	5,021	5,442	5,729	6,283	6,746	7,517	7,788	8,298
Townships	122	215	390	349	370	396	421	446	474	508	556
Special districts	140	300	546	612	665	724	780	834	892	938	1,020

¹ Includes employees outside the United States.

Source: U.S. Bureau of the Census, *1982 Census of Governments, Vol. 6, No. 5, Historical Statistics on Governmental Finances and Employment, and Public Employment*, series GE, No. 1, annual.

No. 498. Governmental Employment and Payrolls, by Level of Government and by Function: 1988

[For October. Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source and Appendix III]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil. dol.)				
	Total	Federal (civilian) ¹	State and local			Total	Federal (civilian) ¹	State and local		
			Total	State	Local			Total	State	Local
Total	17,588	3,112	14,476	4,238	10,240	34,203	7,976	26,227	7,842	18,385
National defense ²	1,060	1,060	(X)	(X)	(X)	2,749	2,749	(X)	(X)	(X)
Postal Service	834	834	(X)	(X)	(X)	2,050	2,050	(X)	(X)	(X)
Space research and technology	23	23	(X)	(X)	(X)	85	85	(X)	(X)	(X)
Education	7,525	14	7,510	1,854	5,656	13,161	37	13,125	2,929	10,196
Teachers	4,249	(X)	4,249	570	3,679	9,238	(X)	9,241	1,347	7,893
Highways	559	4	555	253	302	1,060	15	1,045	527	518
Health and hospitals	1,694	263	1,431	704	727	3,245	634	2,611	1,371	1,240
Public welfare	464	14	450	202	248	799	38	761	376	385
Police protection	803	79	725	85	640	1,849	240	1,609	214	1,396
Fire protection	340	(X)	340	(X)	340	864	(X)	664	(X)	664
Sanitation and sewerage	230	(X)	230	(X)	229	438	(X)	438	(X)	435
Parks and recreation	314	24	290	38	252	401	55	346	55	291
Natural resources	422	227	195	159	37	958	611	347	294	53
Financial administration	463	143	340	138	203	916	314	602	283	319
Other government administration	399	28	372	49	323	535	75	460	101	360
Judicial and legal	318	38	281	103	178	729	111	618	281	337
All other	2,121	363	1,757	651	1,106	4,564	963	3,602	1,409	2,193

X Not applicable. ¹ Includes employees outside United States. ² Includes international relations.

Source: U.S. Bureau of the Census, *Public Employment in 1988*, series GE 88, No. 1.

No. 499. State and Local Government—Full-Time Employment and Salary, by Sex and Race/Ethnic Group: 1973 to 1989

[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, 45 in 1978, 48 in 1979, 42 in 1980, 49 in 1981, 47 in 1983, 49 in 1984 through 1987, and 50 in 1988) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more non-elected, nonappointed full-time employees. Data for 1982 and 1988 not available. For definition of median, see Guide to Tabular Presentation]

YEAR AND OCCUPATION	EMPLOYMENT (1,000)							MEDIAN ANNUAL SALARY (\$1,000)						
	Total	Male	Female	White ¹	Minority			Male	Female	White ¹	Minority			
					Total ²	Black ¹	Hispanic ³				Total ¹	Black ²	Hispanic ³	
1973	3,809	2,486	1,322	3,115	693	523	125	9.6	7.0	8.8	7.5	7.4	7.4	
1975	3,899	2,436	1,464	3,102	797	602	147	11.3	8.2	10.2	8.8	8.6	8.9	
1976	3,369	2,724	1,645	3,490	880	664	165	11.8	8.6	10.7	9.2	9.1	9.4	
1977	4,415	2,737	1,678	3,480	935	705	175	12.4	9.1	11.3	9.7	9.5	9.9	
1978	4,447	2,711	1,736	3,481	966	723	181	13.3	9.7	12.0	10.4	10.1	10.7	
1979	4,576	2,761	1,816	3,568	1,008	751	192	14.1	10.4	12.8	10.9	10.6	11.4	
1980	3,987	2,350	1,637	3,146	842	619	163	15.2	11.4	13.8	11.8	11.5	12.3	
1981	4,665	2,740	1,925	3,591	1,074	780	205	17.7	13.1	16.1	13.5	13.3	14.7	
1983	4,492	2,674	1,818	3,423	1,069	768	219	20.1	15.3	18.5	15.9	15.6	17.3	
1984	4,580	2,700	1,880	3,458	1,121	799	233	21.4	16.2	19.6	17.4	16.5	18.4	
1985	4,742	2,789	1,952	3,563	1,179	835	248	22.3	17.3	20.6	18.4	17.5	19.2	
1986	4,779	2,797	1,982	3,549	1,230	865	259	23.4	18.1	21.5	19.6	18.7	20.2	
1987	4,849	2,818	2,031	3,600	1,249	872	268	24.2	18.9	22.4	20.9	19.3	21.1	
1989, total	5,257	3,030	2,227	3,863	1,394	961	308	26.1	20.6	24.1	21.7	20.7	22.7	
Officials/administrators	292	203	90	250	42	29	9	40.5	32.7	38.4	34.3	34.6	36.2	
Professionals	1,149	583	566	912	237	146	46	33.0	28.3	30.6	28.9	28.1	30.3	
Technicians	497	298	199	382	115	74	28	26.9	21.0	24.3	21.7	21.8	23.9	
Protective service	849	745	104	662	187	130	48	27.2	22.9	26.9	25.7	24.6	28.9	
Paraprofessionals	385	108	277	240	145	118	21	19.5	17.6	18.4	18.1	17.3	18.9	
Admin. support	954	119	835	677	277	185	68	19.7	18.1	18.1	17.7	18.3	18.8	
Skilled craft	442	425	17	343	99	62	28	24.1	19.1	23.9	22.6	22.9	24.7	
Service/maintenance	688	549	139	398	290	219	61	19.6	15.8	19.1	17.9	18.0	19.2	

¹ Nonhispanic. ² Includes other minority groups, not shown separately. ³ Hispanic may be of any race.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, annual.

No. 500. State and Local Government—Employee Benefits: 1987

[For January through July. Covers full-time employees in State and local governments. Excludes executive employees, traveling operating employees, elected officials, and Alaska and Hawaii. Covers only benefits for which the employer pays part or all of the premium or expenses involved, except unpaid maternity and paternity leave. Based on sample survey of establishments. For data on employee benefits in medium to large firms, see table 686]

TYPE OF EMPLOYEE BENEFIT	All employees	Regular employees ¹	Teachers ²	Police and fire fighters	TYPE OF EMPLOYEE BENEFIT	All employees	Regular employees ¹	Teachers ²	Police and fire fighters
Percent of employees participating in—					Money purchase pension	8	8	7	11
Paid: Vacations	72	93	13	100	Additional benefits:				
Holidays	81	95	45	93	Parking	73	68	86	73
Jury duty leave	98	99	97	92	Educational assistance:				
Funeral leave	56	56	52	75	Job related	53	59	36	65
Rest time	58	74	16	48	Not job related	15	16	14	7
Military leave	80	85	65	86	Travel accident insurance	16	15	19	13
Sick leave	97	97	95	97	In-house infirmary	19	19	18	13
Personal leave	38	32	56	36	Severance pay	6	6	7	5
Lunch time	17	10	32	39	Relocation allowance	15	20	5	8
Insurance plans:					Recreation facilities	11	11	12	11
Health	94	94	95	96	Subsidized meals	12	10	19	1
Hospital/surgical	93	93	93	95	Nonproduction bonuses, cash	7	8	3	16
Mental health care	92	93	93	94	Financial counseling	10	11	9	9
Private duty nursing	91	91	91	92	Subsidized commuting	5	5	2	7
Dental	59	58	61	59	Prepaid legal services	6	6	5	11
Extended care facility	73	72	71	76	Child care	2	2	1	1
Home health care	71	72	67	75	Unpaid maternity leave	57	55	65	51
Vision	35	36	33	40	Average months	11.7	11.0	12.7	14.8
Health maintenance organization	23	24	18	25	Unpaid paternity leave	30	29	32	30
Life	85	85	82	91	Average months	14.9	14.5	14.7	19.9
Noncontributory	69	70	66	73	Mean number of—				
Accident/sickness	14	18	5	14	Paid holidays	10.9	11.1	9.8	11.2
Noncontributory	12	15	4	11	Paid vacation days after—				
Long-term disability	31	28	41	18	1 year	12.0	11.8	14.3	12.6
Noncontributory	28	25	38	15	3 years	12.9	12.8	14.8	13.5
Retirement and savings plans:					5 years	15.0	14.8	15.7	15.8
Defined benefit pension	93	92	95	93	10 years	17.7	17.7	16.9	18.8
Noncontributory	20	22	17	17	15 years	19.8	19.7	17.8	21.1
Defined contribution	9	9	8	13	20 years	21.4	21.4	18.7	22.7
Savings and thrift	1	1	1	1	25 years	22.0	22.0	18.8	23.4

¹ Includes all white-collar employees (professional, administrative, technical, clerical) and blue-collar employees (production, service) except those classified as teachers or police and firefighters. ² Includes all personnel in primary and secondary schools, junior colleges, colleges, and universities whose primary duty is teaching or closely related activities. ³ Data for teachers relate only to primary and secondary school teachers. ⁴ Includes physician visits in hospitals, diagnostic X-ray and lab, and auxiliary hospital services. ⁵ For definition, see table 157. ⁶ Fixed contributions are periodically placed in an employee's account and benefits are based on how much money has accumulated at retirement.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits in State and Local Governments, 1987*.

No. 501. State and Local Government Major Collective Bargaining Agreements—
Average Percent Adjustments in Wages and Compensation Negotiated: 1984 to 1989
 (In percent, except as indicated. Averages presented are means; for definition of mean, see Guide to Tabular Presentation)

ITEM	1984	1985	1986	1987	1988	1989
Compensation ¹ , all settlements:						
First year	5.2	4.2	6.2	4.9	5.4	5.1
Over life of contract	5.4	5.1	6.0	4.8	5.3	4.9
State government: First year	4.3	4.8	6.8	4.3	5.3	4.9
Over life of contract	4.0	4.8	6.0	4.3	4.9	4.6
Local government: First year	6.0	3.7	5.6	5.4	5.5	5.6
Over life of contract	6.6	5.5	6.0	5.1	5.8	5.5
Wage-rate adjustments ³ , all settlements:						
First year	4.8	4.6	5.7	4.9	5.1	5.1
Over life of contract	5.1	5.4	5.7	5.1	5.3	5.1
State government: First year	3.6	4.8	6.3	4.1	5.3	5.0
Over life of contract	3.8	4.9	6.0	4.2	5.0	4.7
Local government: First year	5.4	4.4	5.3	5.3	5.0	5.2
Over life of contract	5.9	5.7	5.6	5.5	5.5	5.4
Number of workers affected (mil.) ⁴	0.7	1.5	0.9	1.3	1.1	1.1
State government	0.3	0.5	0.3	0.5	0.4	0.5
Local government	0.5	0.9	0.6	0.8	0.7	0.6
Total effective wage adjustments ⁵	5.0	5.7	5.5	4.9	4.7	5.1
Source: Current settlements	1.9	4.1	2.4	2.7	2.3	2.5
Prior settlements	3.1	1.6	3.0	2.2	2.4	2.6
Cost-of-living adjustments	(2)	(2)	(2)	(2)	(2)	(2)
State government	5.4	4.5	5.6	4.3	4.1	4.0
Local government	4.7	6.5	5.4	5.3	5.1	5.9

² Less than .05 percent. ¹ Data relate to settlements of 5,000 workers or more in each calendar year, whether wages and benefits were changed or not. ² Average annual rate of change. ³ Data relate to settlements covering 1,000 workers or more in each calendar year but exclude possible adjustments in wages under cost-of-living adjustment (COLA) clauses, except increases guaranteed by the contract. Includes all settlements, whether wages were changed or not. ⁴ Number of workers covered by settlements reached in each calendar year. ⁵ Data relate to all wage changes implemented in the year stemming from settlements reached in the year, deferred from prior year agreements, and cost-of-living clauses.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

No. 502. State and Local Government Employment (Full-Time Equivalent), by Selected Function, 1970 to 1988, and by State, 1988

[In thousands, for October. Full-time equivalent employment not available for 1985. Except 1982, local government data are estimates subject to sampling variation; see source and Appendix III]

YEAR, REGION, DIVISION, AND STATE	EDUCATION				HEALTH AND HOSPITALS		HIGHWAYS		POLICE AND FIRE PROTECTION		PUBLIC WELFARE	
	Total		Higher education									
	State	Local	State	Local	State	Local	State	Local	State ¹	Local	State	Local
1970	803.0	3,454.6	722.2	119.4	482.0	469.0	296.8	271.4	55.8	583.7	97.3	152.5
1980	1,062.8	4,278.3	947.7	212.1	649.8	646.4	255.3	277.4	75.5	745.0	171.5	200.4
1981	1,082.5	4,239.6	951.7	210.2	654.3	639.3	244.1	265.4	73.1	753.1	169.4	199.7
1982	1,052.5	4,177.8	944.5	213.2	652.6	661.6	241.4	268.0	75.3	760.4	169.9	208.6
1983	1,072.1	4,164.8	965.7	193.9	637.9	651.9	239.5	265.4	75.9	760.3	172.5	203.1
1984 ²	1,091.0	4,303.7	981.2	197.6	644.1	642.9	243.9	274.5	78.7	774.4	174.5	208.7
1986 ²	1,256.4	4,595.3	1,140.4	212.8	652.5	643.9	249.7	284.4	78.5	813.8	186.6	223.1
1987 ²	1,264.2	4,704.1	1,149.1	216.1	661.2	644.7	248.0	288.7	81.6	827.8	190.2	225.5
1988 ²	1,302.5	4,815.5	1,192.7	230.6	673.8	662.6	251.0	288.9	84.3	836.3	198.1	230.9
Northeast	175.5	998.4	156.9	33.1	180.4	111.7	54.0	71.0	21.1	198.0	42.4	90.6
New England	64.4	245.4	57.0	0.1	48.7	14.5	16.3	15.3	5.6	52.9	18.4	5.8
Maine	7.1	26.6	5.8	-	2.8	1.1	2.8	1.6	0.6	3.3	2.0	0.2
New Hampshire	5.6	19.7	5.3	-	2.1	0.2	2.1	1.5	0.3	3.8	1.2	2.2
Vermont	4.2	13.4	3.9	-	1.3	-	1.1	1.0	0.5	1.0	1.1	0.0
Massachusetts	24.1	109.0	23.1	0.1	23.8	11.6	4.9	6.2	2.2	28.4	8.5	1.4
Rhode Island	6.5	15.7	5.5	-	3.6	-	1.1	1.1	0.2	4.6	1.7	-
Connecticut	16.9	61.0	13.4	-	15.1	1.6	4.4	3.9	1.7	11.9	3.9	2.0
Middle Atlantic	111.1	753.0	99.9	33.0	131.7	97.2	37.7	55.7	15.5	145.1	24.0	84.8
New York	51.7	383.6	46.1	18.6	82.7	78.7	14.6	34.8	5.8	81.8	8.0	56.5
New Jersey	27.9	164.4	24.3	7.8	22.9	12.6	9.1	10.7	4.3	33.7	5.8	10.5
Pennsylvania	31.5	205.0	29.5	6.6	26.1	5.9	14.0	10.2	5.3	29.6	10.2	17.8
Midwest	367.3	1,146.8	346.2	55.7	134.7	152.1	51.3	78.8	17.4	188.5	52.0	60.6
East North Central	246.2	791.3	232.7	39.8	80.4	105.6	28.9	49.2	11.7	140.7	33.7	45.4
Ohio	61.1	195.7	58.7	4.0	22.4	27.6	8.6	12.8	2.1	33.4	2.0	19.6
Indiana	44.3	107.0	39.4	-	11.8	21.3	5.6	5.7	1.8	15.8	5.1	2.9
Illinois	46.3	203.1	46.8	16.8	18.1	21.9	8.5	10.6	4.0	47.5	12.5	7.3
Michigan	59.3	193.1	54.3	11.8	19.1	24.3	4.0	10.5	3.1	27.5	12.7	3.5
Wisconsin	34.9	92.2	33.6	7.2	9.0	10.4	2.1	9.6	0.8	16.5	1.4	12.1
West North Central	121.1	355.5	113.5	15.9	54.3	46.5	22.4	29.5	5.7	47.8	18.3	15.2
Minnesota	31.3	72.7	29.7	-	9.5	11.9	5.0	7.2	0.9	9.9	1.8	10.2
Iowa	27.0	64.5	25.9	5.0	9.7	9.0	2.9	5.4	0.8	6.6	3.5	1.6
Missouri	22.8	94.4	20.7	4.2	15.3	13.3	6.2	5.5	1.9	16.4	5.9	0.5
North Dakota	6.7	13.6	6.4	-	2.6	0.2	1.1	1.2	0.2	1.4	0.5	0.8
South Dakota	4.3	15.1	3.7	-	1.9	0.6	1.2	1.5	0.3	1.6	1.1	0.4
Nebraska	11.2	35.4	10.6	2.1	4.7	4.9	2.4	3.4	0.6	4.1	2.7	1.0
Kansas	17.8	59.8	16.7	4.6	10.6	6.6	3.4	5.3	0.9	7.9	2.8	0.7
South	467.0	1,748.1	425.7	69.1	262.9	256.4	102.0	93.5	27.1	276.3	79.4	34.2
South Atlantic	217.8	843.2	200.1	39.1	133.3	135.4	55.3	39.2	15.8	145.5	33.0	25.6
Delaware	6.6	11.7	6.4	-	3.0	-	1.4	0.5	0.7	1.3	1.7	0.0
Maryland	23.2	88.1	21.1	7.5	14.3	2.9	5.2	5.4	2.3	17.4	6.9	1.7
Dist. of Columbia	(X)	12.5	(X)	1.3	(X)	8.3	(X)	1.0	(X)	6.3	-	2.0
Virginia	41.6	123.5	39.0	-	24.5	6.0	11.8	3.6	2.2	18.1	1.9	6.4
West Virginia	11.9	42.8	10.2	-	4.0	4.4	5.7	0.9	0.8	3.3	2.5	-
North Carolina	41.1	139.3	37.7	11.6	18.0	20.1	11.2	3.4	2.8	17.7	1.0	9.7
South Carolina	26.5	69.0	23.5	-	16.6	12.2	5.0	2.3	1.6	9.1	4.6	0.3
Georgia	32.6	132.3	29.3	0.3	25.5	46.7	6.4	7.7	2.0	21.7	6.4	0.6
Florida	34.3	224.0	33.0	18.3	27.4	34.8	8.6	14.4	3.3	50.6	8.0	4.9
East South Central	98.7	295.0	87.2	4.2	45.3	55.8	18.4	21.3	5.0	43.0	18.0	4.8
Kentucky	24.9	74.2	20.7	-	6.3	4.2	6.3	3.0	1.7	8.2	5.5	0.4
Tennessee	28.4	85.8	26.5	-	13.7	20.4	5.0	6.6	1.2	15.6	5.4	3.0
Alabama	30.5	74.4	26.6	-	15.2	15.9	3.9	7.2	1.2	12.5	4.1	1.1
Mississippi	14.9	60.6	13.4	4.2	10.1	15.3	3.2	4.5	0.9	6.7	3.0	0.3
West South Central	150.5	609.9	138.4	25.8	84.3	65.2	28.3	33.0	6.3	87.8	28.4	3.8
Arkansas	15.1	47.7	12.6	-	7.7	4.8	3.7	3.3	0.8	5.8	2.8	0.4
Louisiana	28.7	88.4	25.1	0.1	21.3	10.6	5.3	5.9	0.9	15.3	4.6	0.8
Oklahoma	24.8	65.2	23.0	-	10.3	8.6	3.7	5.8	1.7	10.4	6.7	0.2
Texas	81.9	408.6	77.8	25.7	45.0	41.2	15.6	18.6	3.0	56.3	14.3	2.4
West	299.7	922.0	263.9	72.6	95.7	142.3	43.7	45.6	18.7	175.5	24.4	45.5
Mountain	102.0	271.6	95.8	11.2	26.9	28.1	14.6	15.6	5.0	43.7	10.6	6.6
Montana	6.0	17.1	5.6	0.2	1.6	1.0	1.8	1.3	0.3	1.9	1.1	0.9
Idaho	7.6	20.7	7.1	0.8	1.7	3.2	1.4	1.4	0.4	2.7	0.1	0.2
Wyoming	3.5	15.2	3.4	1.6	1.4	2.9	1.6	0.8	0.2	1.7	0.6	-
Colorado	26.8	64.6	25.8	1.1	7.7	9.0	3.0	4.7	0.9	11.2	1.4	3.4
New Mexico	14.8	33.8	14.0	0.8	6.0	2.0	2.6	1.6	0.6	5.1	1.8	0.3
Arizona	20.6	71.6	18.2	6.6	2.2	5.3	1.1	3.6	1.6	11.7	2.9	1.2
Utah	17.1	31.3	16.3	-	4.9	1.5	1.7	1.5	0.6	4.2	1.8	0.4
Nevada	5.6	17.3	5.4	-	1.4	3.1	1.4	0.7	0.3	5.2	0.9	0.2
Pacific	197.7	650.4	168.1	61.4	68.8	114.2	29.1	30.0	13.7	131.8	13.8	38.9
Washington	38.5	76.0	36.7	-	13.4	9.3	5.7	5.8	1.5	13.9	3.9	0.8
Oregon	18.5	57.7	17.5	5.7	6.6	4.4	3.4	3.3	1.1	8.4	4.0	0.5
California	108.3	506.4	104.1	55.7	42.7	99.6	16.2	19.1	10.7	103.3	3.5	37.4
Alaska	7.0	10.3	3.5	-	0.9	0.6	3.0	0.7	0.4	1.7	1.5	0.2
Hawaii	25.4	-	6.4	-	5.2	0.2	0.8	1.1	-	4.5	0.9	-

- Represents or rounds to zero. X Not applicable. ¹ For State government, represents police protection only. ² Beginning 1986 data not comparable to previous years due to a change in how full-time equivalent is calculated; see text, section 9.

Source: U.S. Bureau of the Census, 1982 Census of Governments, Vol. 6, No. 4, Historical Statistics on Governmental Finances and Employment, and Public Employment, series GE, No. 1, annual.

No. 503. State and Local Government Employment and Average Earnings, by State: 1986 and 1988

[For October]

REGION, DIVISION, AND STATE	TOTAL FULL-TIME EQUIVALENT EMPLOYMENT (1,000)				FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION ²				AVERAGE OCTOBER EARNINGS ³ (dol.)			
	State		Local ¹		State		Local ¹		State		Local ¹	
	1986	1988	1986	1988	1986	1988	1986	1988	1986	1988	1986	1988
United States	3,437	3,606	8,415	8,798	143	147	349	358	2,052	2,260	1,992	2,157
Northeast	704	738	1,823	1,906	141	145	365	377	2,180	2,529	2,137	2,391
New England	212	226	390	410	166	174	306	316	2,053	2,441	2,005	2,239
Maine	20	22	36	39	168	182	307	320	1,714	1,972	1,590	1,755
New Hampshire	18	16	29	32	172	148	285	293	1,759	2,011	1,701	1,940
Vermont	11	12	15	17	211	219	270	312	1,842	2,095	1,653	1,829
Massachusetts	88	96	192	199	151	164	329	338	2,034	2,454	2,082	2,294
Rhode Island	19	20	24	26	195	202	245	263	2,041	2,356	2,215	2,373
Connecticut	56	59	95	97	175	183	297	301	2,336	2,802	2,089	2,438
Middle Atlantic	492	512	1,433	1,496	132	136	384	397	2,233	2,568	2,173	2,433
New York	272	282	810	854	153	158	456	477	2,355	2,756	2,266	2,565
New Jersey	96	104	283	294	126	135	372	380	2,278	2,565	2,146	2,385
Pennsylvania	124	125	340	349	104	104	286	291	1,915	2,116	1,976	2,154
Midwest	812	830	2,018	2,082	137	138	340	344	2,007	2,281	2,008	2,146
East North Central	529	537	1,414	1,443	127	127	339	343	2,189	2,381	2,057	2,208
Ohio	122	130	365	372	113	120	340	343	1,984	2,268	1,911	2,072
Indiana	75	84	182	188	136	151	330	338	2,056	2,179	1,686	1,850
Illinois	130	131	385	390	113	113	333	336	2,165	2,345	2,166	2,306
Michigan	128	128	315	320	140	139	344	347	2,541	2,673	2,329	2,470
Wisconsin	74	65	168	173	154	134	351	357	2,128	2,372	2,035	2,195
West North Central	283	292	602	618	161	164	342	348	1,863	2,100	1,892	1,999
Minnesota	61	62	137	146	145	143	326	339	2,428	2,586	2,318	2,408
Iowa	57	56	101	103	199	197	355	363	2,049	2,409	1,735	1,870
Missouri	66	71	157	161	130	138	310	313	1,621	1,844	1,826	1,924
North Dakota	15	15	22	21	222	224	318	315	1,805	1,894	2,017	2,054
South Dakota	13	12	23	23	177	175	330	329	1,684	1,783	1,441	1,518
Nebraska	29	29	65	66	184	179	407	414	1,509	1,957	1,785	1,894
Kansas	43	48	96	98	174	191	390	392	1,687	1,856	1,700	1,846
South	1,238	1,309	2,887	3,034	149	156	348	361	1,803	1,965	1,711	1,840
South Atlantic	609	682	1,436	1,526	149	158	351	366	1,834	2,019	1,810	1,989
Delaware	17	19	16	17	272	294	252	251	1,795	1,999	1,901	2,253
Maryland	80	84	143	151	178	182	321	327	2,046	2,296	2,233	2,512
District of Columbia	(X)	(X)	51	55	(X)	(X)	817	876	(X)	(X)	2,584	2,782
Virginia	102	109	195	204	177	181	336	340	1,895	2,124	1,787	2,017
West Virginia	34	34	61	61	180	180	317	324	1,574	1,648	1,625	1,652
North Carolina	93	103	216	230	147	159	341	354	1,935	2,129	1,662	1,827
South Carolina	69	72	109	112	204	211	322	322	1,705	1,864	1,558	1,690
Georgia	91	100	239	258	149	157	391	404	1,811	1,925	1,589	1,679
Florida	124	140	407	440	108	114	348	357	1,748	1,942	1,872	2,078
East South Central	247	253	486	515	162	165	320	335	1,708	1,849	1,512	1,617
Kentucky	63	85	102	108	170	174	275	290	1,651	1,846	1,596	1,639
Tennessee	71	72	157	170	147	147	327	347	1,746	1,761	1,554	1,720
Alabama	70	72	131	137	174	176	324	334	1,884	2,042	1,532	1,624
Mississippi	42	44	95	100	161	169	364	382	1,430	1,681	1,324	1,403
West South Central	381	395	984	994	142	147	359	370	1,817	1,951	1,665	1,730
Arkansas	39	41	71	74	163	169	299	309	1,724	1,734	1,388	1,448
Louisiana	86	81	151	151	191	183	337	343	1,673	1,901	1,494	1,550
Oklahoma	64	63	109	109	195	195	329	338	1,733	1,816	1,595	1,605
Texas	193	210	633	660	115	124	379	392	1,927	2,052	1,748	1,823
West	684	730	1,689	1,795	135	144	334	354	2,356	2,499	2,321	2,486
Mountain	219	225	457	476	168	169	351	357	1,976	2,118	1,964	2,054
Montana	16	16	29	27	192	199	349	340	1,864	1,936	1,727	1,785
Idaho	18	17	33	34	175	170	332	337	1,766	2,177	1,535	1,637
Wyoming	11	11	25	25	213	227	494	514	1,924	1,946	1,967	1,983
Colorado	50	52	122	123	155	156	375	374	2,368	2,557	2,017	2,162
New Mexico	34	37	49	54	231	248	332	361	1,792	1,869	1,680	1,670
Arizona	43	45	119	127	128	124	358	365	2,126	2,234	2,185	2,286
Utah	33	33	47	49	197	196	263	289	1,654	1,791	1,900	1,907
Nevada	15	16	33	36	154	154	343	344	1,990	2,099	2,140	2,312
Pacific	465	504	1,231	1,318	124	135	328	352	2,530	2,667	2,456	2,647
Washington	79	86	143	152	177	185	320	328	2,231	2,322	2,134	2,270
Oregon	44	50	91	94	163	182	338	340	1,975	2,085	2,018	2,161
California	279	303	965	1,039	104	107	358	367	2,751	2,906	2,535	2,741
Alaska	21	21	20	20	393	401	377	388	3,228	3,210	3,324	3,314
Hawaii	41	44	12	13	389	401	113	116	1,844	2,033	2,010	2,260

X Not applicable. ¹ Estimates subject to sampling variation; see source and Appendix III. ² Based on estimated resident population as of July 1. ³ For full-time employees.

Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

No. 504. City Government Employment and Payrolls: 1960 to 1988

[For October. Includes only those school systems operated as part of the city government. Represents average for period of intervals shown; for 1960, change from 1955. 1972, 1977, 1982, and 1987 based on complete census of all cities; other years based on sample and subject to sampling variation. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLLS (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE		FULL-TIME EQUIVALENT EMPLOYMENT ¹ (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dollars)	
	Total	Excl. education	Total	Excl. education	All employees	October payroll	Total	Education	Other	Education	Other
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	502	387
1970	2,244	1,815	1,361	1,062	2.9	8.8	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	1,580	0.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	0.6	7.3	2,142	378	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	2,168	358	1,812	1,280	1,087
1978	2,511	2,086	2,537	2,059	(2)	5.1	2,165	361	1,804	1,341	1,148
1979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980	2,561	2,130	2,942	2,403	0.3	7.8	2,186	360	1,806	1,501	1,338
1981	2,469	2,056	3,222	2,640	-3.8	9.5	2,111	346	1,765	1,686	1,500
1982	2,396	2,015	3,428	2,861	-2.9	6.4	2,088	317	1,770	1,791	1,625
1983	2,423	2,051	3,640	3,059	1.1	6.2	2,080	300	1,760	1,962	1,739
1984	2,434	2,070	3,872	3,268	0.4	6.4	2,090	300	1,790	2,033	1,831
1985	2,467	2,102	4,191	3,536	1.4	8.2	(NA)	(NA)	(NA)	2,117	1,953
1986	2,494	2,126	4,407	3,724	1.1	5.1	2,181	320	1,860	2,186	2,044
1987	2,541	2,161	4,687	3,898	1.9	6.4	2,222	337	1,885	2,407	2,122
1988	2,570	2,188	4,979	4,136	1.1	6.2	2,251	342	1,910	2,566	2,220

NA Not available. 1 Less than .05 percent. 2 Beginning 1986, data not comparable to previous years due to a change in how full-time equivalent is calculated; see text, section 9.

Source: U.S. Bureau of the Census, *Census of Governments, 1972, 1977, 1982, and 1987*, Vol. 3, No. 2, *Compendium of Public Employment*, and *City Employment* series GE, No. 2, annual.

No. 505. City Government Employment and Payrolls—All Cities and Cities With 75,000 Population or More, by Function: 1980 to 1988

[For October]

ITEM	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil.dol.)				
	All cities ¹				Cities with 75,000 population or more, ² 1988	All cities ¹				Cities with 75,000 population or more, ² 1988
	1980	1986	1987	1988		1980	1986	1987	1988	
Total	2,561	2,494	2,541	2,570	1,493	2,942	4,407	4,687	4,979	3,415
Full-time	2,071	2,050	2,072	2,098	1,333	2,826	4,231	4,484	4,761	3,292
Part-time	489	445	469	472	160	116	175	203	218	123
Full-time equivalent ³	2,166	2,181	2,222	2,251	1,413	(X)	(X)	(X)	(X)	(X)
Education ⁴	360	320	337	342	274	539	683	789	843	699
Percent of total	17	15	15	15	18	18	15	17	17	20
Instructional staff	266	233	243	241	190	436	553	628	670	550
Others	94	87	94	100	84	102	130	161	173	148
Highways	121	127	129	129	56	141	223	233	240	118
Public welfare	41	50	51	53	46	47	91	96	97	87
Hospitals	131	124	125	125	82	143	211	232	248	177
Health	35	38	37	38	32	47	73	72	78	67
Police protection	365	391	397	400	219	550	858	922	964	587
Fire protection	190	194	196	197	115	300	478	495	515	330
Sewerage	60	67	67	69	33	74	122	126	136	72
Solid waste management	104	92	91	90	51	118	163	160	172	119
Parks and recreation	103	112	114	122	69	116	170	176	189	117
Housing and community development	44	46	45	46	39	57	92	93	96	82
Correction	18	25	27	29	27	27	63	69	73	71
Libraries	34	43	44	44	28	38	63	65	71	48
Financial administration	69	71	73	74	35	85	130	137	145	77
Judicial, legal, other governmental administration	112	113	123	126	69	147	230	248	269	160
Local utilities ⁵	209	226	226	227	145	306	493	500	550	399
Water supply	93	99	99	101	49	116	182	186	198	110
Electric power	44	50	50	51	28	67	119	124	132	81
Transit	66	70	70	68	65	115	178	178	207	200
All other functions	171	141	141	142	92	208	267	275	294	204

X Not applicable. 1 Data are estimates subject to sampling variation; see source and Appendix III. 2 Based on estimated resident population as of July 1, 1987. 3 Beginning 1986, data not directly comparable to previous years due to a change in how full-time equivalent is calculated. See text, section 9. 4 City-operated schools and colleges only. 5 Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 506. City Government Employment and Payroll—Largest Cities: 1980 to 1988
 [For Oct. See text, section 9. See footnote 3, table 493, for those areas representing city/county consolidated governments]

CITIES RANKED BY 1986 POPULATION	TOTAL EMPLOYMENT (1,000)				FULL-TIME EQUIVALENT EMPLOYMENT ¹				OCTOBER PAYROLL (mil.dol.)		AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dol.)		
					Total (1,000)		Per 10,000 population ²						
	1980	1985	1987	1988	1980	1987	1988	1980	1988	1980	1988		
New York, NY ^{3 4}	364	393	⁵ 417	412	319	⁵ 389	388	451	535	504	1,022	1,587	2,696
Los Angeles, CA	42	43	46	47	41	45	47	138	143	73	150	1,806	3,233
Chicago, IL	47	⁶ 45	41	41	45	41	41	150	137	71	112	1,569	2,728
Houston, TX	18	21	19	⁷ 19	18	19	⁷ 19	111	⁷ 112	26	³ 38	⁷ 1,499	⁷ 1,978
Philadelphia, PA	33	33	33	31	32	32	31	189	187	51	79	1,611	2,601
Detroit, MI	22	20	20	20	22	20	20	179	185	40	47	1,852	2,385
San Diego, CA	8	8	⁸ 9	10	7	9	9	81	89	12	24	⁷ 1,773	⁷ 2,740
Dallas, TX	14	⁸ 15	⁸ 15	⁸ 15	14	⁸ 15	⁸ 15	153	⁸ 144	20	⁸ 28	⁸ 1,465	⁸ 1,945
San Antonio, TX	10	13	13	13	10	12	12	128	142	13	26	⁷ 1,282	⁷ 2,062
Phoenix, AZ	9	10	⁹ 10	⁹ 10	9	⁹ 10	⁹ 10	114	⁹ 115	14	⁹ 19	⁹ 1,517	⁹ 1,838
Honolulu, HI	9	9	9	10	9	9	9	117	109	12	20	1,401	2,305
Baltimore, MD ^{3 4}	44	31	¹⁰ 32	¹¹ 32	40	¹⁰ 31	¹¹ 31	514	¹¹ 411	47	¹¹ 68	¹¹ 1,172	¹¹ 1,985
San Francisco, CA	21	25	23	24	21	23	24	310	322	37	75	1,761	3,127
Indianapolis, IN	13	12	12	12	12	12	11	174	159	13	19	1,098	1,736
San Jose, CA	¹² 14	5	6	6	¹² 14	5	5	¹² 160	69	¹² 17	¹² 16	¹² 1,714	¹² 3,453
Memphis, TN ^{3 4}	25	23	¹³ 24	¹³ 24	22	¹³ 20	22	342	¹³ 320	29	¹³ 41	¹³ 1,335	¹³ 1,992
Washington, DC ^{3 4}	45	44	48	48	42	47	¹⁴ 46	651	¹⁴ 741	73	¹⁴ 125	¹⁴ 1,761	¹⁴ 2,703
Jacksonville, FL	¹⁵ 11	9	9	10	¹⁵ 11	9	9	¹⁵ 202	153	¹⁵ 11	20	¹⁵ 1,031	¹⁵ 2,312
Milwaukee, WI	10	9	9	10	9	9	9	145	142	15	21	1,631	2,431
Boston, MA	¹² 28	21	¹⁰ 21	¹⁰ 20	¹² 25	¹⁰ 21	¹⁰ 20	¹² 444	353	35	¹⁰ 48	¹² 1,398	¹⁰ 2,395
Columbus, OH	8	7	¹⁷ 7	¹⁷ 8	7	7	7	122	128	10	16	¹⁷ 1,498	¹⁷ 2,177
New Orleans, LA	¹⁶ 13	11	¹⁷ 11	¹⁷ 11	¹⁶ 13	¹⁷ 11	¹⁷ 11	¹⁷ 225	201	¹⁶ 11	¹⁷ 18	¹⁷ 919	¹⁷ 1,602
Cleveland, OH	10	9	9	9	9	9	8	160	152	13	19	1,460	2,322
Denver, CO	13	¹² 12	16	12	12	12	11	244	224	18	27	1,540	2,481
El Paso, TX	5	¹⁰ 5	4	4	4	4	4	104	86	3	7	942	1,764
Seattle, WA	10	10	11	11	9	10	10	188	201	7	27	1,830	2,861
Nashville-Davidson, TN ³	¹⁸ 18	¹⁸ 18	¹³ 17	20	¹⁸ 17	¹³ 17	19	¹⁸ 374	410	¹⁸ 22	43	¹⁸ 1,295	¹⁸ 2,224
Austin, TX	8	10	¹⁰ 10	10	7	⁹ 10	9	199	201	10	20	1,515	2,117
Oklahoma City, OK	5	⁸ 5	4	4	4	4	4	104	91	6	9	1,323	2,179
Kansas City, MO	7	8	6	6	6	6	6	145	137	9	14	1,368	2,319
Fort Worth, TX	¹⁵ 5	5	6	6	¹⁵ 5	5	5	¹⁵ 120	126	¹⁵ 11	11	¹⁵ 1,198	¹⁵ 2,122
St. Louis, MO	13	9	8	8	13	8	8	280	141	15	16	1,279	2,245
Atlanta, GA	8	8	8	8	8	8	⁷ 8	187	⁷ 181	10	⁷ 15	⁷ 1,230	⁷ 1,922
Long Beach, CA	¹² 5	⁵ 5	5	5	¹² 5	5	5	122	131	¹² 17	15	¹² 1,678	¹² 3,039
Portland, OR	5	⁸ 5	5	5	4	4	⁶ 6	115	⁶ 116	⁶ 13	⁶ 11	⁶ 1,916	⁶ 2,888
Pittsburgh, PA	¹⁶ 6	6	6	6	¹⁶ 6	6	⁶ 6	135	¹⁵ 155	¹⁶ 8	¹⁶ 7	¹⁶ 1,116	¹⁶ 1,884
Miami, FL	4	4	4	4	4	4	4	118	112	6	13	1,408	3,315
Tulsa, OK	¹² 4	¹² 4	⁹ 4	4	¹² 4	⁹ 4	4	115	108	¹² 9	¹² 9	¹² 1,184	¹² 2,206
Cincinnati, OH	7	6	6	6	7	6	7	174	153	10	14	1,527	2,708
Baton Rouge, LA	¹⁶ 5	5	⁹ 5	6	¹⁶ 5	⁹ 5	5	166	139	¹⁶ 9	¹⁶ 9	¹⁶ 1,908	¹⁶ 1,758
Albuquerque, NM	¹⁵ 4	6	7	7	¹⁵ 4	7	6	119	158	¹⁵ 4	10	¹⁵ 1,135	¹⁵ 1,941
Tucson, AZ	4	5	5	5	4	5	5	124	131	7	11	1,474	2,314
Oakland, CA	4	4	4	4	4	4	4	109	103	7	11	2,011	3,044
Minneapolis, MN	6	5	⁹ 6	6	5	⁹ 6	6	136	155	7	14	1,821	2,712
Charlotte, NC	4	4	4	5	4	4	4	125	127	5	9	1,290	2,146
Omaha, NE	3	3	3	3	3	3	3	92	80	5	8	1,684	2,858
Toledo, OH	4	3	3	3	3	3	3	96	92	6	8	1,758	2,605
Virginia Beach, VA ³	10	11	12	¹⁹ 12	9	11	¹⁹ 11	346	¹⁹ 336	11	¹⁹ 21	¹⁹ 1,204	¹⁹ 1,913
Buffalo, NY ³	14	12	12	13	13	11	12	348	354	18	27	1,475	2,492
Sacramento, CA	3	3	4	4	3	3	4	119	110	6	10	1,762	2,964
Newark, NJ ²⁰	12	²¹ 5	²¹ 5	²¹ 5	12	²¹ 5	²¹ 5	374	²¹ 154	17	²¹ 8	²¹ 1,387	²¹ 1,698
Wichita, KS	3	3	3	3	3	3	3	111	91	4	5	1,327	2,083
Louisville, KY	6	5	4	5	6	4	4	186	152	7	9	1,358	1,811
Fresno, CA	3	3	3	3	3	2	3	115	88	4	7	1,607	2,712
Tampa, FL	5	4	4	4	5	4	4	165	137	5	8	1,176	2,209
Birmingham, AL	4	4	⁹ 4	4	4	⁹ 4	4	128	136	5	7	1,333	1,921
Norfolk, VA	11	11	11	11	10	10	10	380	361	12	19	1,222	1,819
Colorado Springs, CO	4	5	5	5	3	5	5	158	183	5	11	1,445	2,229
Corpus Christi, TX	¹⁶ 3	3	3	3	¹⁶ 3	3	3	¹⁶ 123	112	¹⁶ 3	5	¹⁶ 1,442	¹⁶ 1,963
St. Paul, MN	4	3	3	4	3	3	3	125	125	6	9	1,734	2,943
Mesa, AZ	1	2	2	2	1	2	2	89	89	2	6	1,592	2,655
Arlington, TX	¹⁵ 1	2	2	2	¹⁵ 1	2	2	¹⁵ 63	88	¹⁵ 1	4	¹⁵ 1,180	¹⁵ 1,995
Anaheim, CA	2	3	3	3	2	2	2	91	99	3	7	1,616	3,375
St. Petersburg, FL	3	3	3	3	3	3	3	138	118	4	6	1,173	2,211
Santa Ana, CA	2	2	2	2	1	2	2	68	72	2	5	1,819	3,379
Rochester, NY ³	¹⁸ 10	²² 9	9	9	¹⁸ 9	8	8	¹⁸ 356	355	¹⁸ 14	25	¹⁸ 1,630	¹⁸ 3,041
Anchorage, AK ³	8	²² 9	8	⁷ 8	7	7	7	²¹ 397	²¹ 314	16	²⁶ 2	²⁶ 2,286	²⁶ 2,514
Akron, OH	3	3	3	3	3	3	3	123	124	4	6	1,509	2,197
Shreveport, LA	3	3	2	3	2	2	2	142	111	3	4	1,954	1,626
Jersey City, NJ ³	9	9	¹⁰ 9	9	8	¹⁰ 9	9	351	411	11	23	1,397	2,553
Aurora, CO	2	2	3	3	2	2	2	98	102	2	5	1,418	2,398
Richmond, VA ³	¹⁸ 10	10	10	¹⁹ 10	¹⁸ 10	10	¹⁹ 10	¹⁸ 454	¹⁹ 444	¹⁸ 2	¹⁹ 20	¹⁸ 1,225	¹⁹ 2,048

¹ Beginning 1986, data not comparable to previous years due to a change in how full-time equivalent is calculated; see text, section 9. ² 1980 based on enumerated resident population as of April 1, 1980; 1987 and 1988 based on estimated resident population as of July 1, 1986. ³ Includes city-operated elementary and secondary schools. ⁴ Includes city-operated university or college. ⁵ Education data are for 1985. ⁶ 1982 data. ⁷ 1987 data. ⁸ 1984 data. ⁹ 1986 data. ¹⁰ Noneducation data are for 1986. ¹¹ Higher education data are for 1987. ¹² 1979 data. ¹³ Noneducation data are for 1985. ¹⁴ Noneducation data are for 1987. ¹⁵ 1978 data. ¹⁶ 1977 data. ¹⁷ 1985 data. ¹⁸ Noneducation data are for 1979. ¹⁹ Education data are for 1987. ²⁰ Effective 1983, city no longer has dependent schools. ²¹ 1983 data. ²² Noneducation data for 1984.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.