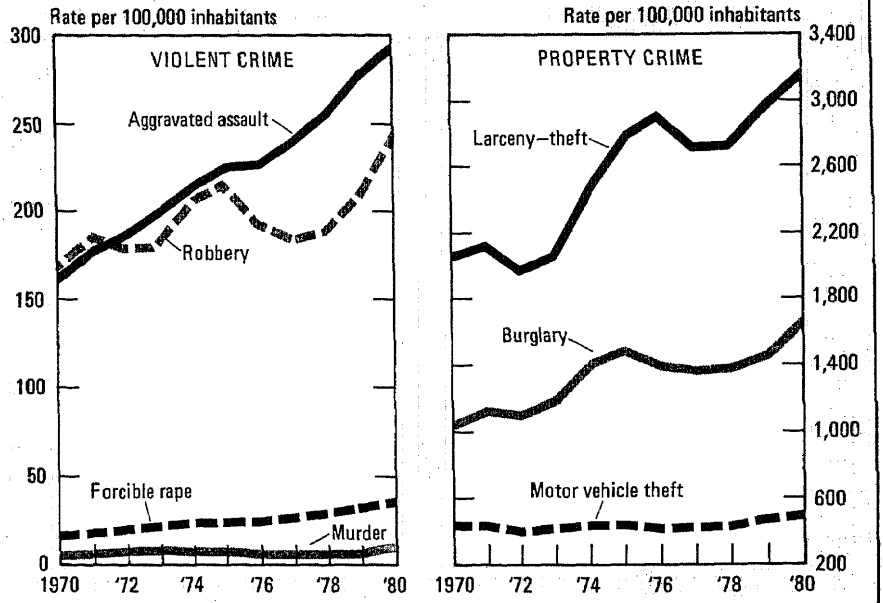
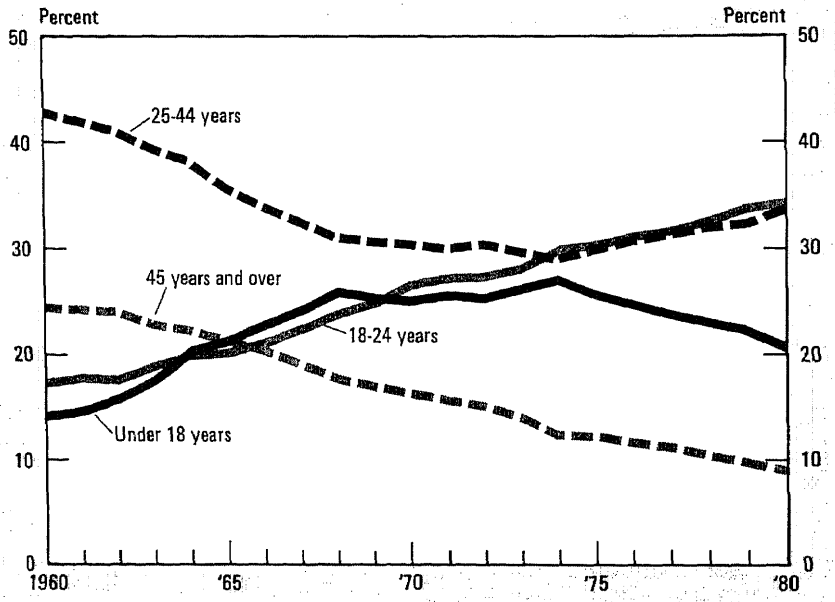
Figure 6.1
Selected Crime Rates: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 293.

Figure 6.2
Persons Arrested — Percent by Age: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 309.

Section 6

Law Enforcement, Federal Courts, and Prisons

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

Other major sources of these data include: *Crime in the United States,* issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Court Management Statistics, and Federal Offenders,* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment,* issued annually by the Bureau of the Census; and the *Statistical Report,* issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

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

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

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 98 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter,* which is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and

burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

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

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

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

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

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

The 95 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

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

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. 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 LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

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

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

No. 293. Crimes and Crime Rates, by Type: 1971 to 1980

[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**. Minus sign (–) denotes decrease. For definitions of crimes, see text, pp. 171 and 172. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder [1]	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Number of offenses: (1,000)										
1971	8,588	817	17.8	42.3	388	369	7,772	2,399	4,424	948
1972	8,249	835	18.7	46.9	376	393	7,414	2,376	4,151	887
1973	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
1980	13,295	1,309	23.0	82.1	549	655	11,987	3,759	7,113	1,115
Average annual percent change:										
1971–1975	7.8	6.4	3.8	8.2	5.0	7.9	7.9	8.9	8.7	1.4
1976–1980	4.4	8.2	5.7	11.2	7.6	8.4	4.0	5.4	3.3	4.1
1979–1980	9.4	11.1	7.4	8.0	17.5	6.6	9.2	13.9	8.1	1.6
Rate per 100,000 inhabitants:										
1971	4,165	396	8.6	20.5	188	179	3,769	1,164	2,146	460
1972	3,961	401	9.0	22.5	181	189	3,560	1,141	1,994	426
1973	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979	5,521	535	9.7	34.5	212	279	4,986	1,499	2,988	499
1980	5,900	581	10.2	36.4	244	291	5,319	1,668	3,156	495
Average annual percent change:										
1971–1975	6.7	5.4	3.3	7.1	4.0	6.8	6.9	7.8	7.7	.5
1976–1980	3.0	6.6	4.0	9.4	6.1	6.8	2.7	4.0	2.0	2.7
1979–1980	6.9	8.5	5.2	5.5	14.8	4.1	6.7	11.3	5.6	–.8

[1] Includes nonnegligent manslaughter.

No. 294. Crimes Known to the Police, by Type and Area: 1979 and 1980

[**In thousands, except rate.** Estimated totals based on reports from city and rural law enforcement agencies representing 95 percent of the national population. Covers crimes constituting "FBI Crime Index"; for definitions of crimes, see text, pp. 171 and 172. SMSA represents all agencies within Standard Metropolitan Statistical Area]

TYPE OF CRIME	1979						1980					
	SMSA's [1]		Other cities		Rural areas		SMSA's [1]		Other cities		Rural areas	
	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]
Total	**10,168**	**6,313**	**1,255**	**4,949**	**730**	**2,168**	**11,110**	**6,758**	**1,372**	**5,396**	**813**	**2,290**
Violent crime	**1,032**	**641**	**84**	**330**	**63**	**187**	**1,154**	**702**	**90**	**353**	**65**	**182**
Murder and nonnegligent manslaughter	18	11	1	6	3	7	19	12	1	6	3	7
Forcible rape	66	41	5	18	5	15	71	43	5	21	6	16
Robbery	445	276	15	58	7	22	524	319	16	65	8	23
Aggravated assault	503	312	63	248	48	143	540	328	67	262	49	137
Property crime	**9,136**	**5,673**	**1,171**	**4,619**	**667**	**1,980**	**9,955**	**6,055**	**1,282**	**5,043**	**749**	**2,108**
Burglary	2,752	1,709	288	1,134	260	771	3,143	1,912	321	1,263	295	830
Larceny—theft	5,400	3,353	816	3,218	361	1,072	5,811	3,535	895	3,519	406	1,144
Motor vehicle theft	983	611	68	266	46	137	1,001	609	66	260	48	134

[1] For definition, see text, Appendix II. [2] Rate per 100,000 population; see headnote, table 293.

Source of tables 293 and 294: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 295. Crime Rates by States, 1978 to 1980, and by Type, 1980

[**Offenses known to the police per 100,000 population.** Based on Bureau of the Census estimated resident population as of **July 1,** except **1980,** enumerated as of **April 1.** For definitions of crimes, see text, pp. 171 and 172]

STATE	1978, total	1979, total	1980							
			Total	Violent crime				Property crime		
				Murder [1]	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny—theft	Motor vehicle theft
U.S. [2]	**5,109**	**5,521**	**5,900**	**10.2**	**36.4**	**243.5**	**291**	**1,668**	**3,156**	**495**
N.E	**4,977**	**5,606**	**5,713**	**3.5**	**23.1**	**180.9**	**245**	**1,637**	**2,843**	**779**
Maine	4,138	4,307	4,368	2.8	12.9	30.8	147	1,183	2,772	219
N.H	4,068	4,579	4,680	2.5	17.3	42.0	118	1,313	2,877	310
Vt	3,807	5,299	4,988	2.2	29.1	38.9	109	1,527	2,988	295
Mass	5,350	5,918	6,079	4.1	27.3	235.5	334	1,740	2,686	1,052
R.I	5,262	5,770	5,933	4.4	17.1	118.6	268	1,716	2,964	844
Conn	4,929	5,780	5,882	4.7	21.6	218.0	168	1,701	3,090	679
M.A	**4,844**	**5,262**	**5,786**	**9.7**	**28.3**	**424.3**	**268**	**1,695**	**2,717**	**644**
N.Y	5,792	6,205	6,912	12.7	30.9	641.3	345	2,062	3,060	760
N.J	5,207	5,821	6,401	6.9	30.7	303.7	263	1,878	3,189	730
Pa	3,185	3,495	3,736	6.8	23.0	177.9	156	1,039	1,916	418
E.N.C	**4,835**	**5,213**	**5,528**	**8.8**	**32.7**	**198.3**	**237**	**1,402**	**3,187**	**462**
Ohio	4,659	5,130	5,431	8.1	34.3	223.7	232	1,466	3,040	427
Ind	4,339	4,601	4,930	8.9	33.1	141.4	194	1,313	2,807	432
Ill	5,018	5,169	5,275	10.6	26.9	217.0	240	1,243	3,039	499
Mich	5,594	6,147	6,676	10.2	46.6	244.0	339	1,741	3,710	585
Wis	3,880	4,388	4,799	2.9	14.9	70.7	94	1,079	3,291	245
W.N.C	**4,091**	**4,446**	**4,874**	**5.6**	**24.6**	**120.9**	**177**	**1,295**	**2,947**	**304**
Minn	4,144	4,393	4,799	2.6	23.2	99.1	103	1,246	3,030	296
Iowa	3,980	4,302	4,747	2.2	14.3	54.9	129	1,080	3,219	248
Mo	4,527	4,940	5,433	11.1	32.6	223.6	287	1,669	2,795	415
N. Dak	2,405	2,756	2,964	1.2	9.5	7.7	36	488	2,242	179
S. Dak	2,689	2,960	3,243	.7	12.5	20.1	94	693	2,255	169
Nebr	3,441	3,393	4,305	4.4	23.2	82.2	115	915	2,922	244
Kans	4,544	4,896	5,379	6.9	31.5	113.1	238	1,521	3,196	272
S.A. [2]	**5,180**	**5,658**	**6,081**	**11.9**	**39.3**	**237.6**	**375**	**1,755**	**3,310**	**353**
Del	6,354	6,526	6,777	6.9	24.2	137.0	307	1,631	4,216	455
Md	5,814	6,295	6,630	9.5	40.1	392.7	410	1,698	3,629	451
Va	4,073	4,361	4,620	8.6	27.4	120.1	151	1,203	2,882	228
W. Va	2,270	2,325	2,552	7.1	15.8	48.5	112	738	1,430	200
N.C	3,882	4,372	4,640	10.6	22.7	82.3	339	1,423	2,546	216
S.C	4,896	5,066	5,439	11.4	37.5	118.1	493	1,670	2,803	306
Ga	4,771	5,417	5,604	13.8	44.3	197.6	300	1,699	2,977	372
Fla	7,069	7,688	8,402	14.5	56.9	355.5	557	2,507	4,434	477
E.S.C	**3,395**	**3,687**	**4,161**	**11.6**	**28.7**	**129.2**	**218**	**1,337**	**2,145**	**291**
Ky	3,023	3,184	3,434	8.8	19.2	95.2	143	1,041	1,876	251
Tenn	3,690	4,013	4,498	10.8	37.4	180.6	229	1,501	2,175	363
Ala	3,939	4,244	4,934	13.2	30.0	132.1	273	1,527	2,642	316
Miss	2,555	2,961	3,417	14.5	24.6	81.0	222	1,179	1,718	178
W.S.C	**5,025**	**5,443**	**5,657**	**15.1**	**43.4**	**181.0**	**294**	**1,704**	**2,948**	**473**
Ark	3,462	3,621	3,811	9.2	26.7	80.9	218	1,119	2,170	187
La	4,792	5,359	5,454	15.7	44.5	197.0	408	1,524	2,888	376
Okla	4,130	4,703	5,053	10.0	36.3	104.9	268	1,693	2,521	420
Texas	5,557	5,925	6,143	16.9	47.3	208.5	278	1,853	3,181	558
Mt	**6,114**	**6,484**	**6,831**	**8.4**	**41.9**	**152.5**	**319**	**1,783**	**4,114**	**413**
Mont	3,916	4,461	5,024	4.0	21.0	34.0	164	951	3,530	322
Idaho	4,015	4,241	4,782	3.1	22.4	46.8	241	1,239	2,993	237
Wyo	4,495	4,824	4,986	6.2	28.6	44.4	313	904	3,345	345
Colo	6,832	7,051	7,333	6.9	52.5	160.1	309	2,031	4,326	448
N. Mex	5,180	5,788	5,979	13.1	43.3	127.9	431	1,493	3,521	351
Ariz	7,604	7,857	8,171	10.3	45.2	193.6	402	2,155	4,891	473
Utah	4,979	5,492	5,881	3.8	27.7	80.2	192	1,322	3,932	324
Nev	8,287	8,832	8,854	20.0	67.2	460.6	366	2,907	4,356	678
Pac	**6,891**	**7,233**	**7,588**	**12.3**	**55.4**	**323.0**	**390**	**2,184**	**3,962**	**661**
Wash	6,116	6,530	6,915	5.1	52.7	135.1	271	1,862	4,193	396
Oreg	6,075	6,373	6,687	5.1	41.5	152.4	291	1,748	4,088	360
Calif	7,136	7,469	7,833	14.5	58.2	384.2	437	2,317	3,880	743
Alaska	6,046	6,204	6,210	9.7	62.5	90.0	317	1,386	3,728	617
Hawaii	7,136	7,248	7,482	8.7	34.7	190.2	66	1,847	4,723	612

[1] Includes nonnegligent manslaughter. [2] Includes District of Columbia, not shown separately.

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

No. 296. Crime Rates for Violent Crimes in Cities, by Size Group and for Selected Cities: 1971 to 1980

[**Offenses known to the police per 100,000 population.** For types of violent crime, see table 297. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of July 1, of each year, except 1980 as of April 1.

City-size group and city	1980, city population (1,000)	1971	1973	1974	1975	1976	1977	1978	1979	1980	Annual percent change 1971–1975	Annual percent change 1976–1980
Cities with population of—												
250,000 or more	(x)	1,047	1,003	1,108	1,159	1,095	1,070	1,121	1,238	1,414	2.6	6.6
100,000–249,999	(x)	503	545	600	632	573	600	627	702	812	5.9	9.1
50,000–99,999	(x)	300	372	406	451	416	444	486	526	602	10.7	9.7
25,000–49,999	(x)	243	295	331	343	338	342	364	420	455	9.0	7.7
10,000–24,999	(x)	188	221	250	268	254	264	276	315	352	9.3	8.5
Fewer than 10,000	(x)	171	199	218	232	216	230	245	279	298	7.9	8.4
Selected cities:												
New York, N.Y	7,035	1,611	1,483	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2.5	4.5
Baltimore, Md	785	1,865	1,771	1,961	1,862	1,648	1,726	1,875	1,963	2,112	(z)	6.4
Washington, D.C	635	2,126	1,558	1,603	1,774	1,481	1,427	1,412	1,609	2,011	−4.4	8.0
Detroit, Mich	1,197	1,825	1,681	2,004	2,121	2,226	1,829	1,669	1,670	1,945	3.8	−3.3
San Francisco, Calif	674	1,439	1,197	1,135	1,364	1,618	1,409	1,596	1,675	1,885	−1.3	3.9
Los Angeles, Calif	2,953	1,112	1,064	1,069	1,114	1,167	1,209	1,320	1,515	1,742	(z)	10.5
Dallas, Tex	900	1,058	998	866	885	815	1,019	1,134	1,298	1,409	−4.4	14.7
Memphis, Tenn	645	488	749	819	840	736	784	792	848	1,070	14.5	9.8
Philadelphia, Pa	1,681	780	755	871	887	684	635	656	827	1,029	3.3	10.8
Houston, Tex	1,620	717	685	732	650	545	577	730	878	975	−2.4	15.7
Chicago, Ill	2,986	1,119	1,168	1,282	1,180	978	935	897	909	960	1.3	−.5
Phoenix, Ariz	773	671	647	717	696	576	630	775	808	908	.9	12.1
San Diego, Calif	875	300	372	473	502	532	560	567	656	707	13.7	7.4
Indianapolis, Ind	699	451	336	709	925	838	744	727	813	637	19.7	−6.6
San Antonio, Tex	788	507	587	624	549	436	491	422	493	541	2.0	5.5

X Not applicable. Z Less than .05 percent.

No. 297. Crime Rates, by Type—Population Groups and Selected Cities: 1980

[**Offenses known to the police per 100,000 population.** For definitions of crimes, see text, pp. 171 and 172]

City-size group [1] and city	Crime index total	Violent crime: Total	Violent crime: Murder	Violent crime: Forcible rape	Violent crime: Robbery	Violent crime: Aggravated assault	Property crime: Total	Property crime: Burglary—breaking or entering	Property crime: Larceny—theft	Property crime: Motor vehicle theft
Total, 12,333 agencies	**6,059**	**601**	**10.3**	**37**	**254**	**299**	**5,458**	**1,708**	**3,244**	**505**
Total, 8,551 cities	**7,238**	**746**	**11.8**	**43**	**341**	**350**	**6,492**	**1,950**	**3,913**	**629**
Cites with population of—										
250,000 or more	9,402	1,414	24.4	75	800	515	7,988	2,653	4,250	1,085
100,000–249,999	8,742	812	12.3	57	333	411	7,930	2,475	4,793	661
50,000–99,999	7,137	602	7.6	39	229	328	6,535	1,980	3,946	609
25,000–49,999	6,508	455	6.1	30	151	268	6,053	1,689	3,913	452
10,000–24,999	5,411	352	5.1	20	93	234	5,059	1,344	3,370	345
Fewer than 10,000	4,859	298	4.5	17	55	222	4,562	1,131	3,172	259
Suburbs, 5,245 agencies [2]	5,005	370	5.9	27	112	226	4,635	1,423	2,848	364
Rural areas, 2,765 agencies	2,402	186	7.4	16	23	140	2,216	872	1,203	141
Selected cities:										
Dallas, Tex	11,778	1,409	35.4	125	554	695	10,369	3,348	6,152	869
Phoenix, Ariz	11,454	908	13.3	63	393	439	10,545	3,123	6,676	746
Detroit, Mich	10,642	1,945	45.7	110	1,122	668	8,697	3,412	3,430	1,856
San Francisco, Calif	10,446	1,885	16.3	113	1,117	640	8,561	2,491	4,861	1,208
New York, N.Y	10,094	2,126	25.8	53	1,429	618	7,968	2,995	3,545	1,428
Washington, D.C	10,023	2,011	31.5	69	1,401	509	8,012	2,560	4,891	562
Los Angeles, Calif	9,952	1,742	34.2	95	868	745	8,210	2,931	3,827	1,452
Baltimore, Md	9,777	2,112	27.5	71	1,277	736	7,665	2,251	4,697	716
Houston, Tex	8,886	975	39.1	89	671	176	7,912	3,043	3,131	1,737
San Diego, Calif	8,059	707	11.8	41	341	313	7,352	2,282	4,189	881
Memphis, Tenn	7,895	1,070	23.6	122	596	327	6,826	2,912	3,173	741
San Antonio, Tex	7,344	541	20.8	46	221	253	6,803	2,256	3,963	584
Chicago, Ill	6,583	960	28.9	45	544	342	5,624	1,148	3,445	1,031
Philadelphia, Pa	6,016	1,029	25.9	56	647	300	4,987	1,483	2,433	1,070
Indianapolis, Ind	5,327	637	15.3	59	314	249	4,689	1,442	2,706	542

[1] See headnote, table 296. [2] Agencies also included in other city groups.

Source of tables 296 and 297: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 298. Victimization Rates of Crimes Against Persons: 1975 to 1979

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

Year and crime	Total [1]	White	Black	Male			Female			Victim-offender relationship	
				Total [1]	White	Black	Total [1]	White	Black	Stranger	Non-stranger
1975: Total [2]	**33**	**31**	**43**	**44**	**42**	**53**	**23**	**21**	**34**	**21**	**11**
Rape	1	1	1	(B)	(B)	(B)	2	2	2	1	(Z)
Robbery:											
With injury	2	2	5	3	3	8	1	1	3	2	(Z)
Without injury	5	4	9	7	6	14	3	2	5	4	1
Aggravated assault	10	9	14	14	14	19	5	5	11	6	3
Simple assault	16	16	13	20	21	12	12	12	[illegible]	9	7
Personal larceny	96	97	90	108	108	110	85	87	73	(NA)	(NA)
1978: Total [2]	**34**	**33**	**41**	**46**	**45**	**54**	**23**	**22**	**30**	**21**	**12**
Rape	1	1	2	(B)	(B)	(B)	2	1	4	1	(Z)
Robbery:											
With injury	2	2	3	3	2	4	1	1	2	1	(Z)
Without injury	4	3	8	6	5	13	2	2	4	3	1
Aggravated assault	10	9	13	15	14	20	5	5	8	6	3
Simple assault	17	18	14	22	23	16	12	12	11	10	7
Personal larceny	97	98	90	106	106	102	89	90	80	(NA)	(NA)
1979: Total [2]	**35**	**34**	**42**	**45**	**44**	**53**	**25**	**24**	**32**	**22**	**12**
Rape	1	1	2	(B)	(B)	(B)	2	2	3	1	(B)
Robbery:											
With injury	2	2	4	3	3	6	1	2	2	2	(B)
Without injury	4	4	9	6	5	14	3	2	4	3	1
Aggravated assault	10	9	13	15	14	20	5	5	7	6	4
Simple assault	17	18	15	22	23	12	13	13	16	10	7
Personal larceny	92	93	87	99	100	96	85	86	80	(B)	(B)

B Estimated number of victimizations too small to be statistically reliable. NA Not available. Z Less than .5.
[1] Includes races not shown separately. [2] Excludes personal larceny.

No. 299. Victimization Rates of Crimes Against Households: 1975 to 1979

[**Rates per 1,000 households.** Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source. For definitions of crimes, see text, pp. 171 and 172]

Year and household characteristic	Burglary			Larceny			Motor vehicle theft		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1975: All households	**92**	**87**	**129**	**125**	**126**	**114**	**19**	**19**	**27**
Homeowner	78	76	99	116	115	118	16	15	27
Renter	116	109	153	142	148	111	26	26	27
Households with income of—									
Under $7,500	102	94	134	112	113	98	15	14	15
$7,500–$14,999	84	80	129	137	137	135	22	20	42
$15,000 and over	91	90	113	136	136	151	23	22	48
1978: All households	**86**	**83**	**115**	**120**	**120**	**121**	**18**	**17**	**21**
Homeowner	71	70	85	108	107	118	14	13	20
Renter	114	110	139	143	146	122	25	25	23
Households with income of—									
Under $7,500	100	93	129	107	107	104	12	12	14
$7,500–$14,999	83	80	106	128	128	136	20	19	28
$15,000 and over	80	79	103	132	132	134	20	20	26
1979: All households	**84**	**80**	**114**	**134**	**133**	**133**	**18**	**17**	**22**
Homeowner	69	67	91	117	116	133	13	12	22
Renter	113	108	133	165	171	133	26	27	22
Households with income of—									
Under $7,500	94	90	112	115	117	107	12	11	13
$7,500–$14,999	87	83	113	143	142	143	19	18	25
$15,000 and over	80	77	125	148	147	164	19	18	36

[1] Includes other races not shown separately.

Source of tables 298 and 299: Through 1978 U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 300. Victimization Rates of Crimes Against Persons and Households, by Type: 1973 to 1979

[**Rate per 1,000 persons, 12 years old and over; and per 1,000 households.** Data based on *National Crime Survey*; see Appendix III; for further detail see source. For definition of crimes, see text, pp. 171 and 172. Minus sign (–) denotes decrease]

Sector and type of crime	Crime victimization rate							Percent change in victimization rate				
	1973	1974	1975	1976	1977	1978	1979	1974–1979	1975–1979	1976–1979	1977–1979	1978–1979
Personal sector—												
Violent crime	32.6	33.0	32.8	32.6	33.9	33.7	34.5	4.7	5.2	6.0	1.9	2.4
Rape	1.0	1.0	.9	.8	.9	1.0	1.1	10.2	18.7	28.6	21.3	11.3
Robbery	6.7	7.2	6.8	6.5	6.2	5.9	6.3	–12.8	–7.4	–3.1	.6	6.3
Assault	24.9	24.8	25.2	25.3	26.8	26.9	27.2	9.6	8.1	7.7	1.6	1.3
Aggravated	10.1	10.4	9.6	9.9	10.0	9.7	9.9	–4.5	3.2	.6	–.6	2.4
Simple	14.8	14.4	15.6	15.4	16.8	17.2	17.3	19.7	11.1	12.2	2.9	.8
Larceny—theft	91.1	95.1	96.0	96.1	97.3	96.8	91.9	–3.4	–4.3	–4.4	–5.5	–5.0
With contact	3.1	3.1	3.1	2.9	2.7	3.1	2.9	–7.7	–7.1	–.7	8.3	–8.0
Without contact	88.0	92.0	92.9	93.2	94.6	93.6	89.0	–3.2	–4.2	–4.5	–5.9	–4.9
Household sector—												
Household burglary	91.7	93.1	91.7	88.9	88.5	86.0	84.1	–9.7	–8.3	–5.4	–5.0	–2.2
Household larceny	107.0	123.8	125.4	124.1	123.3	119.9	133.7	8.0	6.6	7.8	8.5	11.5
Motor vehicle theft	19.1	18.8	19.5	16.5	17.0	17.5	17.5	–6.9	–10.1	6.4	3.2	.1

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States: Summary Findings of 1978-79 Changes in Crime and of Trends Since 1973*, September 1980.

No. 301. Homicide Victims, by Race and Sex: 1950 to 1978

[**Rates per 100,000 resident population in specified group.** Beginning 1970, excludes deaths to nonresidents of U.S. See also *Historical Statistics, Colonial Times to 1970*, series H 971–978]

Year	Homicide victims					Homicide rate [1]				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1950	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)
1955	7,418	2,439	922	3,126	846	4.5	3.4	1.2	(NA)	(NA)
1960	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4
1965	10,712	3,660	1,379	4,376	1,147	6.5	4.4	1.6	43.4	10.5
1968	14,686	5,106	1,700	6,283	1,418	7.4	6.0	1.9	60.0	12.3
1969	15,477	5,215	1,801	6,770	1,463	7.7	6.1	2.0	63.8	12.5
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3
1971	18,787	6,455	2,106	8,157	1,807	9.1	7.3	2.3	74.2	14.9
1972 [2]	19,638	6,820	2,156	8,594	1,768	9.4	7.7	2.3	76.8	14.4
1973	20,465	7,411	2,575	8,216	1,965	9.8	8.3	2.8	72.5	15.8
1974	21,465	7,992	2,656	8,480	1,978	10.2	8.9	2.8	73.8	15.7
1975	21,310	8,222	2,751	8,092	1,929	10.0	9.1	2.9	69.6	15.1
1976	19,554	7,568	2,547	7,327	1,767	9.1	8.3	2.7	62.2	13.6
1977	19,968	7,951	2,787	7,135	1,734	9.2	8.7	2.9	59.7	13.2
1978	20,432	8,429	2,771	7,118	1,739	9.4	9.2	2.9	58.7	13.0

NA Not available. [1] Rate based on enumerated population figures of April 1 for 1950, 1960, and 1970; July 1 estimates for other years. [2] Based on a 50-percent sample of deaths.

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

No. 302. Homicide Victims: 1960 to 1978

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

Item	1960, total	1965 total	1970		1975		1976		1977		1978	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	**8,464**	**10,712**	**13,278**	**3,570**	**16,553**	**4,757**	**15,142**	**4,412**	**15,355**	**4,613**	**15,838**	**4,594**
Assault by—												
Firearms [1]	4,627	6,158	9,209	2,004	11,729	2,566	10,452	2,314	10,520	2,354	10,997	2,389
Percent of total	54.7	57.5	69.4	56.1	70.9	53.9	69.0	52.4	68.5	51.0	69.4	52.0
Cutting and piercing instruments	1,836	2,292	2,229	551	2,598	764	2,583	721	2,747	795	2,729	783
Other means	1,700	1,984	1,512	1,010	1,897	1,420	1,818	1,372	1,821	1,462	1,854	1,414
Intervention of police	245	271	328	5	329	7	289	5	266	2	257	8
Execution	56	7	–	–	–	–	–	–	1	–	1	–
Infanticides [2]	**199**	**213**	**80**	**70**	**102**	**76**	**88**	**82**	**96**	**81**	**82**	**79**

– Represents zero. [1] Includes explosives. [2] Included above; homicide victims under 1 year of age.

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

No. 303. Homicide—Victims and Rate, Selected Countries: 1976 to 1979

[Rates per 100,000 population of all ages]

COUNTRY	HOMICIDE VICTIMS				HOMICIDE RATE			
	1976	1977	1978	1979	1976	1977	1978	1979
U.S	**19,554**	**19,968**	**20,432**	(NA)	**9.1**	**9.2**	**9.4**	(NA)
Australia	285	272	258	265	2.0	1.9	1.8	1.8
Austria	94	98	106	96	1.3	1.3	1.4	1.3
Canada	563	607	(NA)	(NA)	2.4	2.6	(NA)	(NA)
Denmark	35	35	27	50	.7	.7	.5	1.0
Finland	155	135	(NA)	(NA)	3.3	2.8	(NA)	(NA)
France	479	522	(NA)	(NA)	.9	1.0	(NA)	(NA)
Germany, Fed. Rep. of	778	727	740	(NA)	1.3	1.2	1.2	(NA)
Greece	60	58	66	(NA)	.7	.6	.7	(NA)
Ireland	11	28	(NA)	(NA)	.3	.9	(NA)	(NA)
Israel [1]	58	52	60	(NA)	1.6	1.4	1.6	(NA)
Japan	1,424	1,376	1,306	1,192	1.3	1.2	1.1	1.0
Netherlands	112	120	112	120	.8	.9	.8	.9
Norway	30	33	30	38	.7	.8	.7	.9
Philippines	729	(NA)	(NA)	(NA)	1.7	(NA)	(NA)	(NA)
Poland	416	454	446	(NA)	1.2	1.3	1.3	(NA)
Spain	187	240	(NA)	(NA)	.5	.7	(NA)	(NA)
Sweden	103	97	82	112	1.3	1.2	1.0	1.4
Switzerland	56	54	46	58	.9	.9	.7	.9
United Kingdom:								
England [2]	540	449	612	523	1.1	.9	1.2	1.1
No. Ireland	210	220	87	(NA)	13.7	14.3	5.7	(NA)
Scotland	101	98	78	77	1.9	1.9	1.5	1.5

NA Not available. [1] Jewish population. [2] Includes Wales.

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

No. 304. Murder Victims, by Weapons Used or Cause: 1970 to 1980

[Based solely on police investigation. See text, p. 171, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH							
		Guns		Cutting or stabbing		Blunt object [1]	Strangulations, beatings	Arson	All other [2]
		Total	Percent	Total	Percent				
1970	13,649	9,039	66.2	2,424	17.8	604	1,031	[3] 353	198
1972	15,832	10,379	65.6	2,974	18.8	672	1,291	[3] 331	185
1973	17,123	11,249	65.7	2,985	17.4	848	1,445	173	423
1974	18,632	12,474	67.9	3,228	17.3	976	1,417	153	384
1975	18,642	12,061	65.8	3,245	17.4	1,001	1,646	193	496
1976	16,605	10,592	63.8	2,956	17.8	806	1,330	227	694
1977	18,033	11,274	62.5	3,440	19.1	849	1,431	252	787
1978	18,714	11,910	63.6	3,526	18.8	896	1,422	[3] 255	705
1979	20,591	13,040	63.3	3,954	19.2	997	1,557	276	767
1980	21,860	13,650	62.4	4,212	19.3	1,094	1,666	291	947

[1] Refers to club, hammer, etc. [2] Includes poison, explosives, unknown, and not stated; for 1973 to 1978, includes drownings.
[3] Includes drownings etc.

No. 305. Percent of Firearms Usage in Selected Crimes, by Region: 1975 to 1980

[For definitions of crimes, see text, pp. 171 and 172. For regions, see fig. 1. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1975	1978	1979	1980	1975	1978	1979	1980	1975	1978	1979	1980
U.S. total	65.8	**63.6**	**63.3**	**62.4**	**24.9**	**22.4**	**23.0**	**23.9**	**44.8**	**40.3**	**39.7**	**40.3**
Northeast	51.3	51.7	52.7	54.2	17.6	14.1	14.9	15.5	32.7	29.9	30.5	32.6
North Central	70.7	67.2	64.9	62.8	28.5	23.3	23.8	25.0	52.7	46.5	42.6	42.0
South	72.7	69.5	64.7	68.4	29.2	26.9	27.3	27.6	53.4	47.7	47.7	46.7
West	59.0	57.2	58.0	57.8	22.3	21.8	23.1	24.5	44.4	43.1	41.9	43.2

Source of tables 304 and 305: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 306. Law Enforcement Officers Killed, by Geographic Division: 1960 to 1980

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

DIVISION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total killed	**48**	**83**	**146**	**157**	**176**	**179**	**[1] 185**	**[2] 140**	**[3] 123**	**146**	**[4] 165**	**[3] 165**
By felons	(NA)	53	100	116	134	132	[1] 129	[2] 111	[3] 93	93	106	104
In accidents	(NA)	30	46	41	42	47	56	29	[3] 30	53	59	61
New England	3	3	2	2	7	2	4	4	2	4	2	6
Middle Atlantic	7	10	29	22	21	18	24	15	12	13	20	25
East North Central	9	10	38	23	21	43	32	19	10	13	23	14
West North Central	3	3	6	12	6	8	8	11	14	11	5	9
South Atlantic	13	15	23	38	37	42	31	34	31	23	36	32
East South Central	2	9	5	12	13	12	18	14	11	16	22	15
West South Central	6	14	15	27	30	23	22	21	21	30	19	25
Mountain	-	7	4	7	16	9	14	4	3	7	14	11
Pacific	5	12	24	12	21	18	22	13	15	25	18	21
Puerto Rico	(NA)	(NA)	(NA)	2	4	4	8	4	1	4	4	6

- Represents zero, NA Not available. [1] Includes one officer each in Virgin Islands and Guam. [2] Includes one officer in Colombia. [3] Includes one officer in Virgin Islands. [4] Includes 2 officers in Guam.

No. 307. Selected Crimes, by Type: 1980

TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1979	Incidence, 1980				Change from 1979 [1]	Incidence, 1980	
Robbery, total [2]	**533**	**18.2**	**100.0**	**607**	**Larceny—theft, total** [2]	**6,764**	**8.2**	**100.0**	**307**
Highway	276	23.6	51.8	399	Pocket picking	81	17.7	1.2	252
Commercial house	73	13.1	13.8	975	Purse snatching	102	12.9	1.5	154
Gas station	22	29.2	4.1	398	Shoplifting	733	5.5	10.8	66
Chain store	36	12.7	6.8	444	From motor vehicles	1,167	8.2	17.3	341
Residence	57	17.9	10.7	1,043	Motor vehicle accessories	1,295	7.1	19.1	172
Bank	8	5.1	1.5	2,784	Bicycles	678	.5	10.0	125
Burglary, total	**3,578**	**13.8**	**100.0**	**882**	From buildings	1,125	9.3	16.6	483
Residence	2,381	19.0	66.5	964	From coin-operated machines	55	−2.7	.8	134
Nonresidence	1,197	4.7	33.5	717					

[1] Minus sign (−) denotes decrease. [2] Includes types not shown separately.

No. 308. Offenses, Arrests, and Clearances, by Type of Crime: 1970 to 1977

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

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

Source of tables 306-308: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

No. 309. Persons Arrested—Race, Sex, and Age: 1970 to 1980

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

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Agencies reporting	Number	5,208	6,114	5,914	5,222	7,993	10,058	10,864	11,852	11,689	12,013
Population represented	Million	142	151	145	124	169	173	197	207	204	208
Persons arrested [1]	1,000	6,257	6,707	6,248	5,853	7,671	7,384	8,972	9,688	9,468	9,684
White	1,000	4,373	4,664	4,459	4,112	5,539	5,337	6,429	6,793	6,849	7,146
Percent of total	Percent	69.9	69.5	71.4	70.3	72.2	72.3	71.7	70.1	72.3	73.8
Black	1,000	1,688	1,848	1,636	1,562	1,935	1,870	2,308	2,562	2,343	2,375
Other	1,000	196	195	153	179	197	177	235	333	276	163
SEX AND AGE											
Agencies reporting	Number	5,270	6,195	6,004	5,208	8,051	10,119	10,904	11,872	11,758	12,042
Population represented	Million	152	160	155	134	179	175	198	207	205	208
Persons arrested [1]	1,000	6,570	7,013	6,500	6,179	8,014	7,912	9,029	9,775	9,506	9,703
Male	1,000	5,624	5,956	5,502	5,185	6,752	6,672	7,581	8,227	8,011	8,170
Percent of total	Percent	85.6	84.9	84.6	83.9	84.3	84.3	84.0	84.2	84.3	84.2
Percent under 18 yr	Percent	23.2	23.3	24.4	26.4	25.5	23.3	22.5	22.0	21.3	19.7
Female	1,000	947	1,057	998	994	1,262	1,240	1,448	1,548	1,495	1,533
Percent of total	Percent	14.4	15.1	15.4	16.1	15.7	15.7	16.0	15.8	15.7	15.8
Percent under 18 yr	Percent	37.5	38.4	37.6	36.1	35.5	33.5	32.2	30.4	29.4	27.1
Under 18 years	1,000	1,661	1,794	1,717	1,683	2,078	1,973	2,170	2,279	2,143	2,026
Percent of total	Percent	25.3	25.6	26.4	27.2	25.9	24.9	24.0	23.3	22.5	20.9
18-24 years	1,000	1,785	1,958	1,869	1,886	2,482	2,517	2,920	3,257	3,279	3,426
25-34 years	1,000	1,128	1,270	1,179	1,140	1,546	1,589	1,887	2,111	2,106	2,298
35-44 years	1,000	887	884	768	664	870	857	970	1,037	983	1,001
45-54 years	1,000	685	681	597	500	644	604	665	669	600	574
55 years and over	1,000	425	413	360	299	386	367	409	412	385	378

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

No. 310. Persons Arrested By Charge, Sex, and Age: 1976 and 1980

[**In thousands, except percent.** Represents arrests reported by 9,648 agencies with a total 1980 population of 194,685,491 as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1976	1980		1976	1980		Male		Female	
		Total	Under 18 yr.		Total	Under 18 yr.	1976	1980	1976	1980
Total persons arrested [1]	**7,191.1**	**7,523.3**	**1,512.3**	**1,340.3**	**1,424.5**	**390.8**	**23.2**	**20.1**	**33.2**	**27.4**
Serious crimes [2]	**1,555.0**	**1,682.0**	**617.9**	**383.0**	**393.0**	**132.7**	**42.5**	**36.7**	**38.4**	**33.8**
Murder [3]	14.6	15.5	1.5	2.4	2.3	.1	10.1	9.9	7.4	6.0
Forcible rape	23.3	27.5	4.1	.2	.3	.1	17.1	14.8	30.0	29.9
Robbery	114.3	124.8	38.2	8.9	9.7	2.9	31.8	30.6	31.4	29.5
Aggravated assault	179.1	211.8	30.8	26.8	30.1	5.6	17.1	14.6	21.1	18.5
Burglary—breaking or entering	415.2	421.0	189.8	24.8	27.6	12.9	51.7	45.1	49.7	46.6
Larceny—theft	679.0	754.6	296.7	309.2	310.4	104.9	45.1	39.3	38.9	33.8
Motor vehicle theft	116.1	111.8	50.1	9.0	10.5	5.6	51.9	44.8	58.1	52.7
Arson	13.4	14.9	6.7	1.7	2.0	.8	54.5	44.9	43.2	38.0
All other:										
Other assaults	326.2	366.7	61.4	53.2	59.2	16.4	19.3	16.8	30.7	27.6
Forgery and counterfeiting	40.1	45.6	6.1	17.1	20.7	2.6	11.6	13.4	12.4	12.7
Fraud	102.5	131.3	4.8	57.6	93.2	2.0	4.3	3.6	2.5	2.1
Embezzlement	5.9	4.9	.6	2.6	2.0	.2	8.8	12.3	4.0	11.7
Stolen property [4]	90.8	95.4	29.4	10.7	11.2	2.8	32.7	30.8	25.0	25.3
Weapons (carrying, possessing)	123.9	136.2	21.4	11.0	10.7	1.3	16.7	15.7	12.2	12.2
Prostitution and commercialized vice	19.7	24.9	.9	49.2	58.1	2.1	3.2	3.5	4.5	3.6
Sex offenses [5]	51.1	55.0	9.7	5.0	4.5	.7	19.7	17.6	22.4	16.2
Drug abuse violations	477.8	422.9	78.4	77.0	66.3	15.6	23.1	18.5	27.7	23.6
Gambling	63.3	40.9	1.6	6.7	4.6	.1	4.3	4.0	4.0	1.8
Offenses against family and children	52.2	38.0	1.2	6.3	4.9	.7	5.5	3.2	21.6	14.3
Driving while intoxicated	900.9	1,024.1	23.1	80.2	108.9	2.8	2.0	2.3	2.0	2.5
Liquor laws	263.1	324.8	100.8	43.2	58.0	29.3	33.8	31.0	53.4	50.6
Drunkenness	1,066.0	914.0	34.1	82.5	75.8	5.5	3.8	3.7	7.5	7.3
Disorderly conduct	550.8	581.5	94.0	107.9	107.6	20.3	19.0	16.2	20.8	18.8
Vagrancy	28.1	24.1	3.3	7.7	4.0	.6	20.5	13.5	13.1	14.2
All other offenses, except traffic	1,148.4	1,308.5	220.7	199.9	230.7	54.0	20.5	16.9	30.2	23.4

[1] Includes vandalism, curfew violators and runaways. [2] Includes arson arrests, a newly established index offense in 1979. [3] Includes nonnegligent manslaughter. [4] Buying, receiving, possessing. [5] Excludes forcible rape and prostitution, shown separately.

Source of tables 309 and 310: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 311. Persons Arrested, By Charge, Sex, and Age: 1980

[Represents arrests (not charges) reported by 12,042 agencies with a total 1980 population of 208 million as estimated by FBI]

Persons arrested, by charge	Total (1,000)	Percent							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over
Total arrests	**9,703**	**84.2**	**6.2**	**20.9**	**35.3**	**34.0**	**5.9**	**2.9**	**1.0**
Serious crimes [1]	**2,198**	**81.2**	**12.8**	**35.9**	**33.8**	**24.9**	**3.1**	**1.6**	**.8**
Murder and nonnegligent manslaughter	19	87.2	1.0	9.3	35.4	44.9	6.1	2.9	1.3
Forcible rape	29	99.1	3.6	14.8	39.2	41.0	3.5	1.2	.4
Robbery	139	92.8	7.1	30.1	42.9	25.3	1.2	.4	.1
Aggravated assault	259	87.6	3.9	14.7	34.2	41.7	5.9	2.5	.9
Burglary [2]	480	93.8	15.3	44.9	36.2	17.4	1.0	.4	.1
Larceny—theft	1,124	71.1	14.9	37.5	31.4	24.2	3.7	2.1	1.1
Motor vehicle theft	130	91.4	11.1	45.3	34.4	18.4	1.3	.4	.1
Arson	18	88.1	25.4	44.2	26.2	23.8	3.8	1.6	.5
All other:									
Other assaults	457	86.1	6.1	17.9	34.0	40.3	5.2	2.0	.7
Forgery and counterfeiting	73	68.9	2.0	13.0	40.1	42.4	3.4	1.0	.2
Fraud	262	58.6	.5	2.8	31.0	57.5	6.1	1.9	.6
Embezzlement	8	71.5	1.8	11.3	34.7	45.1	6.6	2.0	.3
Stolen property [3]	116	89.5	8.1	29.9	39.3	26.7	2.8	1.0	.3
Vandalism	234	91.4	23.4	49.4	30.1	17.8	1.7	.7	.2
Weapons (carrying, etc.)	157	92.8	3.6	15.3	36.2	39.5	5.6	2.5	1.0
Prostitution and commercialized vice	86	30.5	.3	3.6	56.8	34.9	2.7	1.5	.4
Sex offenses [4]	63	92.7	6.6	17.5	29.5	40.5	7.2	3.9	1.4
Drug abuse violations	533	86.6	2.7	18.9	49.2	29.6	1.5	.7	.1
Gambling	47	89.9	.5	3.7	19.6	45.4	16.6	9.8	4.9
Offenses against family and children	50	89.4	2.0	4.1	30.2	58.0	5.8	1.5	.4
Driving while intoxicated	1,304	90.6	(z)	2.3	32.1	47.9	10.8	5.4	1.5
Liquor laws	428	85.0	2.2	33.1	50.5	12.1	2.4	1.3	.5
Drunkenness	1,050	92.3	.4	4.1	28.7	43.1	13.8	7.9	2.4
Disorderly conduct	724	84.5	4.2	16.5	40.9	33.5	5.5	2.8	.9
Vagrancy	29	86.0	3.2	13.7	37.2	38.2	6.4	3.5	1.0
Suspicion	16	85.9	5.6	21.6	39.4	34.5	3.0	1.2	.4
Curfew, loitering (juveniles)	67	76.4	23.1	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles)	144	41.8	41.5	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic	1,659	85.1	4.8	17.6	36.5	36.0	5.0	2.2	.7

X Not applicable. Z 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.

No. 312. Persons Arrested, By Charge and Race: 1980

[*In thousands.* Represents arrests (not charges) reported by 12,013 agencies with a total 1980 population of 208 million as estimated by FBI. Represents persons arrested, not charges]

Persons arrested, by charge	Total	White	Black	Other
Total [1]	**9,684**	**7,145.7**	**2,375.2**	**162.7**
Serious crimes [2]	**2,196**	**1,438.0**	**720.7**	**36.9**
Murder and nonnegligent manslaughter	19	9.5	9.0	.3
Forcible rape	29	14.9	14.0	.4
Robbery	139	57.3	80.5	1.6
Aggravated assault	258	161.0	93.3	4.1
Burglary [3]	479	333.7	139.4	6.0
Larceny—theft	1,123	758.2	342.6	21.8
Motor vehicle theft	130	89.0	38.1	2.5
Arson	18	14.5	3.8	.2
All other:				
Other assaults	456	304.9	145.1	6.4
Forgery and counterfeiting	72	48.0	23.9	.7
Embezzlement, fraud	273	189.1	81.9	2.1
All other—Con.				
Stolen property [4]	115	77.7	36.6	1.1
Weapons (carrying, etc.)	157	98.0	57.2	1.9
Prostitution and commercialized vice	86	39.0	45.6	1.2
Sex offenses [5]	63	49.9	12.6	1.0
Drug abuse violations	532	402.0	125.6	4.4
Gambling	47	14.1	31.1	1.5
Offenses against family and children	50	31.3	18.0	.7
Driving, intoxicated	1,289	1,124.4	144.0	21.0
Liquor laws	428	392.3	27.5	8.4
Drunkenness	1,048	854.4	165.9	27.3
Disorderly conduct	724	492.4	219.4	12.0
Vagrancy	29	19.6	9.0	.7
Other, except traffic	1,658	1,192.7	436.7	28.4

[1] Includes curfew violators and runaways, vandalism, and suspicion, not shown separately. [2] Includes arson arrest. [3] Breaking or entering. [4] Buying, receiving, possessing. [5] See footnote 4, table 311.

Source of tables 311 and 312: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 313. Criminal Justice System—Public Expenditures and Employment, by Level of Government: 1970 to 1979

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

Level of government and activity	Expenditures (mil. dol.)						Full-time equivalent employment					
							Total [1] (1,000)			Rate [2]		
	1970	1975	1976	1977	1978	1979	1970	1975	1979	1970	1975	1979
All governments	[3] **8,571**	[3] **17,249**	[3] **19,681**	[3] **21,574**	[3] **24,132**	[3] **25,871**	**775**	[3] **1,051**	[3] **1,178**	**38.0**	[3] **49.3**	[3] **53.5**
Police	5,080	9,786	11,028	11,865	13,120	13,812	489	625	653	24.0	29.3	29.7
Judicial	1,190	2,068	2,428	2,638	3,067	3,389	96	132	157	4.7	6.2	7.1
Legal services	442	933	1,048	1,225	1,460	1,648	38	55	73	1.9	2.6	3.3
Public defense	102	280	331	404	524	597	3	6	9	.2	.3	.4
Corrections	1,706	3,843	4,386	4,934	5,523	5,986	148	225	276	7.3	10.5	12.6
Federal Government	[3] **978**	[3] **2,189**	[3] **2,450**	[3] **2,779**	[3] **3,122**	[3] **3,269**	**59**	[3] **96**	[3] **103**	**2.9**	[3] **4.5**	[3] **4.7**
Police	589	1,461	1,612	1,765	1,952	1,948	40	69	73	1.9	3.2	3.3
Judicial	129	165	219	290	321	370	7	7	8	.3	.3	.4
Legal services	102	177	149	186	216	266	7	7	8	.3	.3	.4
Public defense	56	87	104	140	209	240	(z)	(z)	1	(z)	(z)	(z)
Corrections	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments	[3] **2,134**	[3] **4,612**	[3] **5,204**	[3] **5,812**	[3] **6,688**	[3] **7,346**	**172**	[3] **263**	[3] **328**	**8.5**	[3] **12.4**	[3] **14.9**
Percent of total	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.8	(x)	(x)	(x)
Police	689	1,512	1,696	1,800	1,892	1,988	56	92	92	2.7	4.3	4.2
Judicial	282	498	585	651	1,013	1,207	18	26	48	.9	1.2	2.2
Legal services	83	216	248	297	386	429	7	12	20	.3	.6	.9
Public defense	9	65	70	78	98	118	1	3	4	(z)	.1	.2
Corrections	1,051	2,193	2,475	2,847	3,177	3,478	90	127	161	4.4	6.0	7.3
Local governments	[3] **5,454**	[3] **10,449**	[3] **12,027**	[3] **12,983**	[3] **14,322**	[3] **15,256**	**543**	[3] **691**	[3] **746**	**26.7**	[3] **32.4**	[3] **33.9**
Percent of total	63.6	60.6	61.1	60.2	59.3	59.0	70.1	65.7	63.3	(x)	(x)	(x)
Police	3,803	6,813	7,720	8,300	9,276	9,876	394	463	489	19.3	21.7	22.2
Judicial	779	1,405	1,624	1,698	1,733	1,812	70	99	100	3.4	4.7	4.5
Legal services	257	540	651	743	859	953	25	36	45	1.2	1.7	2.1
Public defense	37	128	157	185	217	239	3	4	5	.1	.2	.2
Corrections	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05 percent. [1] Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. [2] Rate per 10,000 estimated population as of July 1, excluding Armed Forces abroad. [3] Includes amounts not shown separately.

Source: 1970–1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System,* annual.

No. 314. Authorized Intercepts of Communication—Summary: 1970 to 1980

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

Item	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jurisdictions: [1]										
With wiretap statutes	19	21	24	24	24	24	24	24	26	28
Reporting interceptions	12	18	20	19	18	21	19	20	20	22
Intercept applications authorized	596	855	864	728	701	686	626	570	553	564
Residence or apartment	366	569	556	419	455	435	410	361	393	385
Business or other	230	286	308	309	246	251	216	209	160	179
Intercept installations	582	841	812	694	676	635	601	560	533	524
Average length (days)	22	22	24	23	22	23	25	24	24	24
Tap (telephone wiretap)	538	779	731	633	620	581	554	510	484	475
Bug (incl. unspecified) [2]	44	62	81	61	56	54	47	50	49	49
Federal	179	205	130	120	106	136	77	81	87	79
State	403	636	682	574	570	499	524	479	446	445
Intercepted communications, avg. [3]	656	600	610	850	654	662	658	738	866	1,058
Incriminating	296	303	304	431	305	272	268	205	252	315
Persons arrested [4]	1,874	2,861	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871
Convictions [4]	151	402	409	179	336	358	372	337	368	259
Major offense specified:										
Gambling	325	497	446	381	408	378	265	241	204	199
Drugs	127	230	229	199	178	190	237	195	250	282
Homicide and assault	21	35	47	21	16	10	22	25	29	13
Larceny and theft	31	22	36	22	5	9	20	7	7	10
Bribery	16	9	25	25	21	24	17	15	4	1
Extortion, usury and loan sharking	17	13	21	14	27	17	13	14	15	9
Other	59	49	60	66	46	58	52	73	44	50

[1] Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. [2] A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously. [3] Average per authorized installation. [4] Based on information received from intercepts installed in year shown.

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

No. 315. State and Local Government Police and Corrections Employment and Expenditures, 1960 to 1979, and by States, 1979

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

Year and State	Employees (full-time equivalent) [1]								Police expenditures			Corrections expenditures, State and local (mil. dol.)
	Police protection				Corrections				State and local (mil. dol.)	Local		
	State and local	Rate per 1,000 population [2]	Local		State and local	Rate per 1,000 population [2]	Local			Total (mil. dol.)	Percent	
			Total	Percent			Total	Percent				
1960	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	(NA)	1,857	1,612	87	678
1965	348,569	1.8	308,472	88.5	110,700	.6	41,163	37.2	2,549	2,201	86	974
1970	449,656	2.2	393,810	87.6	142,307	.7	51,973	36.5	4,491	3,803	85	1,624
1973	511,146	2.4	429,512	84.0	187,298	.9	75,122	40.1	6,535	5,405	83	2,564
1974	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026
1975	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627
1976	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130
1977	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,099	8,300	82	4,635
1978	581,957	2.7	489,514	84.1	253,448	1.2	102,040	40.3	11,153	9,261	83	5,185
1979	**580,269**	**2.2**	**488,832**	**84.2**	**264,363**	**1.2**	**103,683**	**39.2**	**11,864**	**9,676**	**83**	**5,633**
Ala	8,605	2.3	7,156	83.2	3,128	.8	1,261	40.3	135	106	79	57
Alaska	1,408	3.5	804	57.1	558	1.4	39	7.0	53	27	51	23
Ariz	7,665	3.1	6,078	79.3	3,537	1.4	1,513	42.8	185	144	78	74
Ark	4,233	1.9	3,331	78.7	1,665	.8	571	34.3	59	43	73	29
Calif	61,632	2.7	50,658	82.2	32,649	1.4	19,905	61.0	1,511	1,244	82	824
Colo	7,487	2.7	6,482	86.6	2,675	1.0	1,029	38.5	144	122	85	68
Conn	8,023	2.6	6,524	81.3	2,631	.8	10	.4	173	139	80	61
Del	1,639	2.8	890	54.3	1,048	1.8	-	-	34	19	56	20
D.C	4,802	7.3	4,802	100.0	2,811	4.3	2,811	100.0	103	103	100	77
Fla	26,160	3.0	22,985	87.9	14,492	1.6	3,550	24.5	493	427	87	275
Ga	12,485	2.4	10,405	83.3	7,255	1.4	2,152	29.7	199	158	79	126
Hawaii	2,698	2.9	2,576	95.5	735	.8	51	6.9	53	52	98	24
Idaho	2,217	2.4	1,769	79.8	713	.8	190	26.6	36	26	72	13
Ill	35,628	3.2	31,928	89.6	11,294	1.0	4,361	38.6	748	663	89	260
Ind	11,314	2.1	9,096	80.4	4,578	.8	1,667	36.4	188	141	75	86
Iowa	5,764	2.0	4,559	79.1	2,427	.8	822	33.9	106	78	74	56
Kans	5,432	2.3	4,622	85.1	2,461	1.0	596	24.2	83	69	83	43
Ky	7,120	2.0	5,267	74.0	3,158	.9	952	30.1	133	88	66	67
La	11,551	2.9	9,817	85.0	5,920	1.5	1,831	30.9	199	154	77	111
Maine	2,218	2.0	1,721	77.6	948	.9	228	24.1	36	25	69	16
Md	12,735	3.1	9,831	77.2	6,702	1.6	1,296	19.3	256	199	78	155
Mass	16,730	2.9	14,490	86.6	5,836	1.0	1,452	24.9	357	312	87	135
Mich	23,071	2.5	19,374	84.0	10,774	1.2	4,201	39.0	559	464	83	273
Minn	7,810	1.9	6,605	84.6	3,641	.9	1,808	49.7	171	138	81	89
Miss	4,871	2.0	3,795	77.9	1,818	.7	500	27.5	71	49	69	35
Mo	13,464	2.8	11,729	87.1	4,763	1.0	2,082	43.7	235	198	84	84
Mont	1,872	2.4	1,522	81.3	868	1.1	221	25.5	30	23	77	16
Nebr	3,496	2.2	2,782	79.6	1,715	1.1	441	25.7	60	45	75	37
Nev	2,556	3.6	2,248	87.9	1,569	2.2	694	44.2	54	46	85	34
N.H	2,164	2.4	1,742	80.5	793	.9	220	27.7	37	28	76	15
N.J	25,650	3.5	22,085	86.1	10,217	1.4	6,145	60.1	510	435	85	179
N. Mex	3,465	2.8	2,669	77.0	1,413	1.1	414	29.3	58	44	76	29
N.Y	65,888	3.7	59,509	90.3	28,568	1.6	12,276	43.0	1,695	1,572	93	642
N.C	12,151	2.2	9,875	81.3	8,198	1.5	1,022	12.5	195	150	77	135
N. Dak	1,186	1.8	1,000	84.3	394	.6	135	34.3	21	18	86	7
Ohio	22,504	2.1	19,897	88.4	11,430	1.1	4,851	42.4	449	394	88	210
Okla	6,508	2.3	5,215	80.1	3,711	1.3	544	14.7	100	75	75	67
Oreg	5,952	2.4	4,751	79.8	3,240	1.3	1,299	40.1	128	98	77	83
Pa	27,741	2.4	22,651	81.7	11,046	.9	5,996	54.3	565	447	79	255
R.I	2,634	2.8	2,207	83.8	774	.8	-	-	49	39	80	23
S.C	7,009	2.4	5,030	71.8	3,696	1.3	619	16.7	107	70	65	61
S. Dak	1,397	2.0	1,108	79.3	468	.7	85	18.2	24	17	71	10
Tenn	9,393	2.1	8,211	87.4	5,461	1.2	1,856	34.0	159	136	86	98
Tex	31,684	2.4	26,700	84.3	10,640	.8	5,656	53.2	538	452	84	204
Utah	3,257	2.4	2,545	78.1	1,102	.8	256	23.2	62	44	71	25
Vt	1,002	2.0	605	60.4	476	1.0	1	.2	16	8	50	12
Va	11,799	2.3	9,028	76.5	9,458	1.8	2,639	27.9	209	158	76	168
Wash	8,247	2.1	6,544	79.4	4,816	1.2	1,883	39.1	181	143	79	108
W. Va	3,349	1.8	2,325	69.4	1,252	.7	337	26.9	55	34	62	21
Wis	11,197	2.4	10,104	90.2	4,369	.9	1,103	25.2	216	192	89	96
Wyo	1,406	3.1	1,185	84.3	472	1.0	112	23.7	25	19	76	16

- Represents zero. NA Not available. [1] See footnote 1, table 313. [2] Estimated population, as of July 1.

Source: 1970–1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, 1978, U.S Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 316. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUPS: 1970 TO 1980

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more
POLICE										
1970	$8,448	$7,357	$7,926	$7,888	$9,300	$10,017	$8,648	$9,385	$9,616	$10,927
1975	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1979	14,002	12,610	13,396	13,555	15,147	17,640	15,712	16,371	17,506	19,110
1980	15,159	13,521	14,590	14,741	16,412	19,066	16,970	17,827	19,044	20,566
FIREFIGHTERS										
1970	8,041	7,103	7,685	7,786	9,253	9,482	8,349	9,089	9.293	10,828
1975	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1979	13,446	12,348	13,066	13,231	15,062	16,829	15,274	16,003	17,033	18,863
1980	14,377	13,131	14,126	14,109	16,096	18,186	16,380	17,291	18,456	20,468

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments,* March 1981. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

NO. 317. LEGAL SERVICES—SELECTED DATA: 1972 AND 1977

ITEM	Unit	1972				1977			
		Total [1]	Sole proprietorships	Partnerships	Professional service organizations [2]	Total	Sole proprietorships	Partnerships	Professional service organizations [3]
Establishments, total	1,000	144.5	95.8	25.5	4.6	167.9	124.4	29.2	14.2
Receipts	Mil. dol	10,938	2,885	5,911	1,056	18,696	4,739	10,093	3,864
Establishments with payroll	1,000	77.3	30.9	23.7	4.5	94.9	53.8	27.2	13.8
Receipts	Mil. dol	9,724	1,730	5,857	1,053	17,147	3,309	9,992	3,847
Payroll (annual)	Mil. dol	2,318	310	1,284	527	5,217	698	2,347	2,172
Paid employees [4]	1,000	267.7	53.6	150.1	31.5	392.0	93.1	197.8	101.2
Operating expenses	Mil. dol	4,757	783	2,613	855	10,205	1,714	5,029	3,461
Establishments [5] with annual receipts of—									
Under $30,000	1,000	17.5	9.6	1.3	.2	14.2	12.6	1.1	.5
$30,000 to $99,999	1,000	34.6	17.1	7.7	1.0	36.5	27.2	6.6	2.7
$100,000 to $499,000	1,000	18.1	3.0	11.2	2.1	27.7	7.0	13.8	6.9
$500,000 or more	1,000	2.6	.1	2.0	.4	5.5	.2	3.5	1.8

[1] Includes other and unknown legal forms, not shown separately. [2] Excludes expense-sharing associations. [3] Includes expense-sharing associations and other legal forms. [4] For week including March 12. [5] Establishments with payroll operating entire year.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1972* and *1977, Establishment and Firm Size* (SC 72-S-1 and SC 77-S-1), and *Legal Services* (SC 72-S-4 and SC 77-S-5).

NO. 318. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1970 TO 1980

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

PROSECUTION STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total: [1] Indicted	63	160	208	244	291	255	563	507	557	666	723
Convicted	44	108	142	181	217	179	380	440	409	536	551
Awaiting trial	-	-	5	18	5	27	199	210	205	178	213
Federal officials: Indicted	9	58	58	60	59	53	111	129	133	114	123
Convicted	9	40	42	48	51	43	101	94	91	102	131
Awaiting trial	-	-	4	2	1	5	1	32	42	21	16
State officials: Indicted	10	21	17	19	36	36	59	50	55	56	72
Convicted	7	16	10	17	23	18	35	38	56	31	51
Awaiting trial	-	-	-	-	-	5	30	33	20	29	28
Local officials: Indicted	26	46	106	85	130	139	194	157	171	211	247
Convicted	16	28	75	64	87	94	100	164	127	151	168
Awaiting trial	-	-	-	2	4	15	98	62	72	63	82

- Represents zero. [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.

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, 1980.*

No. 319. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1980

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

ACTION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total cases on docket	**4,212**	**4,640**	**5,079**	**4,668**	**4,761**	**4,731**	**4,704**	**4,731**	**4,781**	**5,144**
Appellate cases on docket	1,903	2,183	2,480	2,308	2,352	2,324	2,341	2,383	2,509	2,749
From prior term	325	442	412	540	431	452	472	434	425	527
Docketed during present term	1,578	1,741	2,068	1,768	1,921	1,872	1,869	1,949	2,084	2,222
Cases acted upon	1,613	1,834	1,948	1,967	1,900	2,019	1,979	2,023	2,050	[1] 2,324
Granted review	214	217	229	235	244	237	224	210	199	167
Denied, dismissed, or withdrawn	1,285	1,397	1,572	1,594	1,538	1,620	1,676	1,734	1,776	1,199
Summarily decided	114	220	147	138	118	162	79	79	75	90
Cases not acted upon	290	349	532	341	452	305	362	360	459	425
Pauper cases on docket	2,289	2,436	2,585	2,348	2,395	2,398	2,349	2,331	2,249	2,371
Cases acted upon	1,802	1,982	2,013	1,976	1,997	2,083	1,960	1,996	1,838	[1] 2,027
Granted review	41	35	30	28	28	30	24	27	32	17
Denied, dismissed, or withdrawn	1,683	1,902	1,942	1,914	1,903	2,013	1,899	1,938	1,757	1,968
Summarily decided	78	45	41	34	66	40	37	31	49	32
Cases not acted upon	487	454	572	372	398	315	389	335	411	344
Original cases on docket	20	21	14	12	14	8	14	17	23	24
Cases disposed of during term	7	8	4	4	7	2	3	-	1	7
Total cases available for argument	267	256	261	278	280	269	260	249	238	264
Cases disposed of	160	180	172	178	181	181	185	170	160	162
Cases argued	151	177	170	175	179	176	172	168	156	154
Cases dismissed or remanded without argument	9	3	2	3	2	5	13	2	4	8
Cases remaining	107	76	89	100	99	88	75	79	78	102
Cases decided by signed opinion	126	159	161	144	160	154	153	153	143	144
Cases decided by per curiam opinion	22	18	8	20	16	22	8	8	12	8
Number of signed opinions	109	140	140	123	138	126	129	130	130	123

- Represents zero. [1] 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. 320. U.S. Courts of Appeals: 1960 to 1980

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Cases commenced [1]	**3,899**	**6,766**	**11,662**	**15,629**	**16,436**	**16,658**	**18,408**	**19,118**	**18,918**	**20,219**	**23,200**
Criminal	623	1,223	2,660	4,453	4,067	4,187	4,650	4,738	4,487	4,102	4,405
U.S. civil	788	1,387	2,167	2,704	3,267	2,981	3,327	3,622	3,928	3,983	4,654
Private civil	1,534	2,677	4,834	6,172	6,157	6,511	7,077	7,358	7,234	8,237	10,200
Administrative appeals	737	1,106	1,522	1,616	2,205	2,290	2,515	2,564	2,382	2,922	2,950
Cases terminated [1]	**3,713**	**5,771**	**10,699**	**15,112**	**15,422**	**16,000**	**16,426**	**17,784**	**17,714**	**18,928**	**20,887**
Criminal	580	1,014	2,581	4,210	4,299	4,005	4,238	4,554	4,461	4,320	3,993
U.S. civil	750	1,229	1,912	2,722	2,791	3,094	2,853	3,198	3,437	3,857	4,346
Private civil	1,517	2,183	4,367	6,030	5,847	6,252	6,248	6,680	6,813	7,175	8,942
Administrative appeals	660	1,004	1,407	1,493	1,734	1,909	2,359	2,510	2,256	2,602	2,643
Cases disposed of [2]	**2,681**	**3,546**	**6,139**	**9,618**	**8,451**	**9,077**	**9,351**	**11,400**	**8,850**	**9,285**	**10,607**
Affirmed or granted	1,924	2,635	4,626	7,163	6,429	6,763	6,995	7,826	6,717	7,062	8,017
Reversed or denied	656	773	1,280	1,693	1,579	1,632	1,680	1,715	1,536	1,542	1,845
Other	101	138	233	762	443	682	676	1,859	597	681	745
Median months [3]	6.8	8.0	8.2	6.4	6.8	7.4	7.1	7.0	8.0	8.2	8.9

[1] Includes original proceedings and bankruptcy appeals not shown separately. [2] After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. [3] From filing of complete record to final disposition.

No. 321. U.S. District Courts—Trials: 1960 to 1980

[For years ending **June 30.** For **1960,** trials commenced; thereafter, trials completed. 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 footnote 1, table 323. See also *Historical Statistics, Colonial Times to 1970,* series H 1112-1118]

TYPE OF TRIAL	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	**9,998**	**11,485**	**16,032**	**19,467**	**18,572**	**19,236**	**19,580**	**18,827**	**18,851**	**18,563**	**19,825**
Civil trials	6,488	7,613	9,449	10,896	10,972	11,603	11,656	11,605	11,515	11,764	13,191
Nonjury	3,453	4,459	6,078	7,289	7,403	7,903	8,098	7,792	8,326	8,348	9,254
Jury	3,035	3,154	3,371	3,607	3,569	3,700	3,558	3,813	3,189	3,416	3,937
Criminal trials	3,510	3,872	6,583	8,571	7,600	7,633	7,924	7,222	7,336	6,799	6,634
Nonjury	1,008	1,143	2,357	2,927	2,753	2,726	2,773	2,661	3,344	3,132	3,216
Jury	2,502	2,729	4,226	5,644	4,847	4,907	5,151	4,561	3,992	3,667	3,418

Source of tables 320 and 321: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 322. U.S. District Courts—Civil and Criminal Cases: 1960 to 1980

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

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Civil cases: Commenced	[1] 59.3	67.7	87.3	103.5	117.3	130.6	130.6	138.8	154.7	168.8
Cases terminated [2]	[1] 48.8	63.1	79.5	96.7	103.8	108.3	115.5	123.2	140.0	155.0
No court action	(NA)	29.3	31.1	35.9	39.2	41.7	45.2	45.3	60.2	68.7
Court action, total	(NA)	33.8	48.4	60.8	64.6	66.6	70.3	77.8	79.9	86.2
Before pretrial	(NA)	17.1	29.4	38.6	40.3	41.6	43.5	48.7	49.7	53.8
Pretrial	(NA)	9.4	11.0	13.9	15.6	16.2	17.7	19.7	20.5	22.4
Trials	(NA)	7.3	8.0	8.4	8.7	8.8	9.0	9.4	9.6	10.1
Percent reaching trial [2]	(NA)	11.6	10.0	8.7	8.4	8.1	7.8	7.6	6.9	6.5
Criminal cases: Commenced [3]	28.1	31.6	38.1	37.7	41.1	39.1	39.8	34.6	31.5	28.0
Defendants disposed of [1]	30.5	33.7	36.4	48.0	49.2	51.6	53.2	45.9	41.2	36.6
Not convicted	3.8	5.0	8.2	11.8	11.8	11.5	11.7	9.4	8.3	8.0
Dismissed	2.6	3.8	6.6	10.0	10.3	9.8	10.0	7.8	6.8	6.6
Acquitted	1.2	1.2	1.6	1.8	1.5	1.7	1.8	1.6	1.5	1.3
Convicted	26.7	28.8	28.2	36.2	37.4	40.1	41.5	36.5	32.9	28.6
By guilty plea [4]	24.2	25.9	24.1	30.7	31.8	34.0	35.3	31.1	27.3	23.1
By court or jury	2.5	2.8	4.1	5.6	5.6	6.1	6.1	5.4	5.6	5.5
Imprisonment	13.4	13.7	12.4	17.2	17.3	18.5	19.6	17.4	14.6	13.2
Probation	10.4	10.8	11.4	16.6	17.9	18.2	16.1	14.5	13.5	11.1
Fine and other	2.9	4.3	4.4	2.4	2.2	3.4	5.8	4.6	4.9	4.4

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

No. 323. U.S. District Courts—Civil Cases Commenced and Terminated: 1980

[For year ending **June 30**]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total [1]	Percent reaching trial
Total	**168,769**	**160,481**	**69,582**	**90,899**	**56,115**	**22,499**	**12,285**	**7.7**
U.S. cases [2]	**63,628**	**61,065**	**31,053**	**30,012**	**23,079**	**3,274**	**3,659**	**6.0**
Contract actions	24,063	20,707	16,414	4,293	3,856	341	96	.5
Real property actions	8,281	9,088	3,019	6,069	3,494	307	2,268	25.0
Tort actions	4,438	4,005	1,716	2,289	993	978	318	7.9
Actions under statutes	26,835	23,357	8,125	15,232	13,149	1,288	795	3.4
Private cases	**105,161**	**99,416**	**38,529**	**60,887**	**33,036**	**19,225**	**8,626**	**8.7**
Federal question [2]	64,928	63,638	23,080	40,558	25,728	10,161	4,669	7.3
Diversity of citizenship [2]	39,315	34,737	14,812	19,925	7,164	9,021	3,740	10.8
Contract actions	19,232	17,174	7,808	9,366	4,065	3,691	1,610	9.4
Tort actions	18,769	16,472	6,441	10,031	2,806	5,176	2,049	12.4

[1] Indicates the number of cases terminated where there was a trial. Table 321 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. [2] Includes local jurisdiction cases and other actions not shown separately.

No. 324. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1979 and 1980

[For years ending **June 30**]

NATURE OF OFFENSE	1979		1980, cases commenced [1]	DISPOSITION OF DEFENDANTS, 1980							
				Not convicted		Convicted			Sentenced		
	Cases commenced [1]	Defendants disposed of		Total	Acquited	Total	Guilty plea	Court or jury	Imprisonment	Probation	Fine and other
Total [2]	**31,536**	**41,175**	**27,968**	**7,962**	**1,329**	**28,598**	**23,111**	**5,487**	**13,191**	**11,053**	**4,354**
General offenses:											
Homicide	148	150	141	62	15	108	62	46	69	15	24
Robbery	1,149	1,431	1,251	179	35	1,262	1,011	251	1,164	97	1
Assault	541	618	555	179	36	418	301	117	233	159	26
Burglary	198	210	151	42	8	134	116	18	77	57	–
Larceny—theft	3,420	4,735	3,033	745	123	3,232	2,865	367	1,290	1,612	330
Embezzlement and fraud	6,630	8,052	6,210	1,213	268	5,975	5,147	828	2,270	3,443	262
Auto theft	399	741	381	137	21	421	360	61	307	108	6
Forgery, counterfeiting	2,877	3,176	2,124	373	49	1,939	1,720	219	1,034	893	12
Sex offenses	139	168	150	39	6	98	64	34	72	20	6
Narcotics	3,277	6,609	3,130	1,594	257	4,749	3,450	1,299	3,479	1,232	38
Misc. general offenses	8,704	9,303	7,240	2,293	334	5,614	4,187	1,427	1,596	1,212	2,806

[1] Excludes transfers. [2] Includes items not shown separately.

Source of tables 322-324: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 325. State Courts of General Jurisdiction—Caseflow, Number of Courts, and Judges: 1977

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

STATE	Beginning pending (1,000)	FILED (1,000)					Disposed (1,000)	Ending pending (1,000)	COURTS—		Number of judges
		Total	Civil	Criminal	Traffic	Juvenile			Number	Geographical location	
Ala	59.6	99.5	64.6	24.1	(x)	10.8	97.1	62.0	1	38	112
Alaska	[1] 11.9	13.9	11.4	1.1	(x)	1.5	12.8	[1] 12.5	1	4	20
Ariz	[2] 69.3	94.3	68.6	13.2	(x)	12.4	86.9	[2] 75.0	1	14	73
Ark	[3] 62.6	77.4	63.6	13.8	(x)	(x)	[3] 68.2	[3] 65.6	2	37	56
Calif	(NA)	713.9	548.9	57.2	(x)	107.8	588.0	(NA)	1	58	542
Colo	87.5	124.0	92.2	15.7	(x)	16.1	119.4	92.1	5	29	100
Conn	36.1	31.4	26.9	4.5	(x)	(x)	29.6	38.0	1	9	45
Del	12.1	10.5	6.4	4.1	(x)	(x)	10.1	12.5	2	6	14
D.C	[4] 29.2	317.8	161.9	29.0	120.5	6.3	[4] 315.5	[4] 29.0	1	1	44
Fla	(NA)	418.9	250.1	92.5	(x)	76.3	392.3	(NA)	1	20	289
Ga	[5] 115.7	161.5	104.3	46.0	11.1	(x)	[5] 144.0	[5] 133.2	1	42	96
Hawaii	26.9	31.0	20.9	2.0	.1	8.1	27.7	30.2	3	6	23
Idaho	37.0	276.0	45.5	29.4	193.3	7.7	273.0	40.0	2	7	94
Ill	[6] 464.4	3,524.5	635.7	519.3	2,343.8	25.7	3,369.0	[6] 504.8	1	21	643
Ind	250.0	350.3	189.6	50.1	94.8	15.8	344.3	255.4	3	122	173
Iowa	[7] 123.3	597.2	129.8	190.4	271.0	6.1	[8] 589.3	[7] 128.8	1	8	322
Kans	22.3	185.7	58.0	19.8	107.9	(x)	166.6	41.4	1	29	210
Ky	(NA)	79.7	66.0	13.7	(x)	(x)	(NA)	(NA)	1	56	87
La	(NA)	369.4	133.4	236.0	(x)	(x)	(NA)	(NA)	1	39	137
Maine	9.7	15.6	7.6	6.1	1.9	(x)	11.5	13.7	1	16	14
Md	141.8	136.3	66.0	43.6	(x)	26.6	128.7	149.3	1	29	85
Mass	[9] 137.7	66.6	31.4	35.3	(x)	(x)	75.8	[9] 128.9	1	14	46
Mich	[10] 138.2	1,121.2	131.1	124.8	865.3	(x)	[11] 187.4	[10] 137.7	3	52	170
Minn	[1] 10.7	[1] 28.9	18.8	10.0	(x)	(NA)	[1] 28.6	[1] 10.8	1	10	72
Miss	(NA)	[1] 60.0	52.5	7.4	(x)	(NA)	(NA)	(NA)	2	40	66
Mo	78.9	107.0	72.1	18.1	(x)	16.7	106.0	78.9	2	45	111
Mont [12]	(NA)	(NA)	(NA)	(NA)	(x)	(NA)	(NA)	(NA)	1	19	29
Nebr	7.5	25.2	18.6	6.6	(x)	(x)	21.9	10.3	1	21	45
Nev	(NA)	[13] 10.0	[13] 8.0	[13] 1.4	(x)	[13] .5	(NA)	(NA)	1	9	26
N.H	24.8	24.7	17.7	7.0	(x)	(x)	24.4	25.1	1	10	15
N.J	86.4	97.4	68.4	29.0	(x)	(x)	90.5	93.3	2	36	206
N. Mex	[1] 21.3	[1] 43.9	39.2	4.7	(x)	(NA)	[1] 37.4	[1] 27.7	1	13	39
N.Y	[14] 77.2	[15] 147.4	[15] 116.0	31.4	(x)	(x)	[15] 149.0	[14] 17.9	2	68	357
N.C	97.0	120.6	69.3	51.3	(x)	(x)	115.5	99.9	1	31	57
N.Dak	4.2	11.1	9.0	1.1	(z)	1.0	9.8	5.4	1	6	19
Ohio	[16] 175.5	483.2	249.6	30.8	(x)	202.8	477.3	[16] 179.8	1	88	313
Okla	[17] 230.0	426.7	172.4	59.3	186.2	8.9	384.5	[17] 272.1	1	24	189
Oreg	[18] 47.1	81.9	53.3	14.2	(x)	14.4	[17] 63.7	[17] 47.4	2	21	72
Pa	93.2	288.9	180.2	73.1	(x)	35.6	[18] 281.5	[18] 96.6	1	59	285
R.I	(NA)	9.5	6.3	3.2	(x)	(x)	(NA)	(NA)	1	4	17
S.C	24.4	60.1	29.3	30.8	(x)	(x)	58.6	25.9	1	16	25
S. Dak	(NA)	[19] 3.5	(NA)	(NA)	(x)	3.5	[20] 111.9	(NA)	1	8	36
Tenn	[22] 45.3	118.2	86.3	30.1	1.8	(x)	109.3	[21] 45.7	4	63	115
Tex	[22] 367.5	[22] 378.3	[22] 285.3	[22] 81.8	(x)	[22] 11.1	[22] 356.5	[22] 389.3	1	86	86
Utah	19.2	30.4	27.0	3.4	(x)	(x)	25.8	23.5	1	7	24
Vt	26.9	80.2	17.2	18.1	43.9	1.0	86.3	20.8	2	29	18
Va	99.4	117.4	67.7	49.7	(x)	(x)	111.7	105.1	1	31	107
Wash	(NA)	128.0	99.0	14.1	(x)	14.8	[23] 99.8	(NA)	1	28	110
W. Va	48.3	52.0	34.8	9.9	(x)	7.3	49.0	51.4	1	31	57
Wis	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	733.2	(NA)	2	96	181
Wyo	4.2	10.3	9.0	1.3	(x)	([24])	[25] 10.1	4.4	1	7	13

NA Not available. X Not applicable. [1] Excludes juvenile data. [2] Excludes adoption, mental health, probate, or juvenile traffic or dependency data from Maricopa County or juvenile traffic data from Pima County. [3] Excludes adoption, guardianship, miscellaneous probate, or mental health data for the Chancery and Probate Court. [4] Excludes estate data. [5] Excludes any cases filed before July 1, 1970. [6] Excludes estate, conservation violations, misdemeanors from Cook County, ordinance violations, or traffic cases. [7] Excludes estate or juvenile data. [8] Excludes guardianship and conservatorship, and trusteeship data. [9] Excludes sentence review cases. [10] Excludes misdemeanors, ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. [11] Excludes ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. [12] No data were available from the District Court. [13] Data were available only from Washoe County, representing less than half of the entire State population. [14] Excludes civil data from Seneca County or felony/misdemeanor indictments outside New York City. [15] Excludes civil data from Seneca County. [16] Excludes wrongful death, adoption, birth records, name change, or mental health (all civil) cases. [17] Excludes criminal extraordinary writs. [18] Excludes adoption, mental health, and juvenile cases. [19] Excludes any civil or criminal data, or juvenile data from lay or lawyer magistrates. [20] Excludes data from lay or lawyer magistrates. [21] Excludes data from 10 counties participating in an experimental statistical information system. [22] Compiled from 3,002 of the possible 3,048 reports. [23] Excludes mental health or juvenile data. [24] Juvenile cases were included in with the civil and criminal figures and could not be separated for inclusion in this table. [25] Excludes cases filed before 1974.

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

No. 326. Juveniles Held in Custody—Public and Private Juvenile Residents and Facilities: 1975 to 1979

[1975 as of June 30; 1977 and 1979 as of Dec. 31]

Characteristic	Unit	Public custody			Private custody		
		1975	1977	1979	1975	1977	1979
Number of residents [1]	Number	49,126	45,920	45,251	27,450	29,377	28,707
Juvenile	Number	46,980	[2] 44,096	[2] 43,089	27,290	[2] 29,070	[2] 28,678
Male	Number	37,926	36,921	37,063	19,152	20,387	20,505
Female	Number	9,054	7,175	6,026	8,138	8,683	8,173
White	Number	(NA)	27,963	25,935	(NA)	21,917	21,650
Black	Number	(NA)	14,865	13,727	(NA)	6,005	5,843
Average age [3]	Year	(NA)	15.3	15.4	(NA)	14.9	14.9
Male	Year	15.3	15.4	15.5	15.3	14.9	14.9
Female	Year	15.0	15.1	15.1	15.4	15.0	15.0
Number of admissions (all residents) [4]	Number	641,189	614,385	564,875	56,708	67,045	69,419
Number of departures (all residents) [4]	Number	632,983	622,151	556,815	50,986	61,571	64,486
Average daily residents [4]	Number	48,794	48,032	47,642	26,740	29,611	28,556
Facilities, total	Number	874	992	993	1,277	1,600	1,558
Short-term [5]	Number	387	448	458	66	126	74
Long-term [6]	Number	487	544	535	1,211	1,474	1,484
Occupancy less than 70 percent	Percent	36	32	34	21	20	22
70-100 percent	Percent	51	59	55	79	78	76
More than 100 percent	Percent	13	9	11		2	2
Personnel, total	Number	52,534	61,060	60,889	[7] 27,651	[7] 30,918	32,910
Full-time	Number	41,156	43,322	44,234	(NA)	22,381	23,530
Juveniles per full-time staff member	Number	1.1	1.0	1.0	(NA)	1.3	1.2
Expenditures	Mil. dol	594.1	707.7	839.9	273.6	384.3	465.0
Capital	Mil. dol	34.5	29.4	53.2	19.2	21.0	25.9
Operating	Mil. dol	559.6	678.4	786.7	254.5	363.3	439.1
Per capita operating cost [8]	$1,000	11.5	14.1	16.5	9.5	12.3	15.4

NA Not available. [1] Includes adults. [2] Includes races not reported and races not shown. [3] Based on juvenile residents only. [4] Juvenile and adult. [5] Detention type facility mainly holding youths prior to adjudication and placement for treatment. [6] Treatment or correctional type facility housing committed youths following adjudication. [7] Includes community volunteers. [8] Based on average daily residents.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: Advance Report on the 1979 Census of Public Juvenile Facilities;* and *Children in Custody: Advance Report on the 1979 Census of Private Juvenile Facilities.*

No. 327. Children's Cases Disposed of by Juvenile Courts: 1960 to 1979

[For definition of delinquency cases, see text, p. 172. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970,* series H 1119-1124]

Item	1960	1965	1970	1975	1976	1977	1978	1979
Population 10-17 years old [1] (1,000)	25,368	29,536	32,614	33,045	30,836	30,154	29,423	28,713
Delinquency cases excluding traffic [2] (1,000)	510	697	1,052	1,317	1,432	1,389	1,359	1,374
Per 1,000 population 10-17 years old	20.1	23.6	32.3	39.9	46.4	46.1	46.2	47.8
Male (1,000)	415	555	800	1,002	1,093	1,063	1,055	1,058
Female (1,000)	99	142	252	315	339	326	304	316
Percent of total cases	19.3	20.4	24.0	23.9	23.7	23.5	22.4	23.0
Population under 18 years old [1] (1,000)	64,516	69,699	69,669	66,251	64,080	63,097	62,186	61,387
Dependency and neglect cases [2] (1,000)	131	157	133	143	151	158	158	157
Per 1,000 population under 18 years old	2.0	2.3	1.9	2.2	2.4	2.5	2.5	2.6

[1] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960 and 1970, as of April 1. Beginning 1976, includes number of children from age 10 to the upper age of jurisdiction for each State. [2] Delinquency cases based on data from a national sample of juvenile courts. 1970-1975, based on all courts reporting, whose jurisdiction includes about two-thirds of the Nation's population; 1976-1979, based on number of children from age zero to the upper age of jurisdiction for each State. Dependency and neglect cases based on reports from courts serving about one-half of the child population under 18 years of age.

Source: 1960-1970, U.S. Office of Human Development Services and U.S. Office of Youth Development, *Juvenile Court Statistics,* annual; beginning 1975, National Center for Juvenile Justice, Pittsburgh, Pa., unpublished data.

No. 328. Crime and the Young Adult Population: 1968 to 1979

Item	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total, 11-24 yrs. of age (mil.)	**49.3**	**50.8**	**52.3**	**54.0**	**54.6**	**55.3**	**55.9**	**56.4**	**56.7**	**56.6**	**56.3**	**55.9**
Percent of total population	24.7	25.2	25.7	26.2	26.2	26.3	26.4	26.5	26.4	26.1	25.8	25.4
Percent of arrests for index offenses	73.0	73.7	73.5	73.7	72.9	73.1	74.3	73.3	71.9	71.4	70.7	70.0
Ratio of arrest rates [1]	2.1	2.2	2.3	1.8	2.3	2.5	2.8	2.7	2.8	2.8	2.6	2.5

[1] Arrests of persons 11-24 years old, related to those 25 years and over.

Source: Congress of the United States, Congressional Budget Office, Budget Issue Paper for Fiscal Year 1980, *The Law Enforcement Assistance Administration: Options for Reauthorization,* May 1979.

No. 329. Federal and State Prisons and Parole Population: 1974 to 1979

ITEM	1974	1975	1976	1977	1978	1979
Prison population	218,500	240,600	262,800	285,400	294,400	301,000
Parole population	155,100	158,600	160,900	186,100	190,900	196,500
Entries to parole	(NA)	(NA)	87,500	82,705	99,600	96,100
Removals from parole	(NA)	(NA)	85,100	60,593	100,600	79,400

NA Not available.

Source: Through 1977, U.S. Law Enforcement Assistance Administration, thereafter, U.S. Bureau of Justice Statistics, *Parole in the United States*, annual.

No. 330. Federal and State Prisoners: 1950 to 1980

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1979. 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]
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
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
1979	301,470	137.3	22,588	10.3	278,882	127.0	131,047	59.7	12,619	5.7	118,428	53.9
1980	314,272	138.7	20,611	9.1	293,661	129.6	142,122	62.7	10,907	4.8	131,215	57.9

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.

No. 331. State Correctional Facilities—Characteristics, by Type of Institution: 1979

[A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate]

CHARACTERISTIC	Total	Confinement	Community based	CHARACTERISTIC	Total	Confinement	Community based
All facilities (number)	791	568	223	Full-time staff (1,000)	94.4	91.1	3.3
Inmates[1] (1,000)	274.6	263.6	11.0	Inmates/full-time staff (ratio)	2.9	2.9	3.3
Maximum security (1,000)	109.7	109.7	-	Part-time staff (1,000)	2.7	2.5	.2
Medium security (1,000)	98.2	98.2	-				
Minimum security (1,000)	62.2	51.2	11.0	One-person units (1,000)	129.5	128.3	1.2
Not classified (1,000)	3.6	3.6	-	Percent overcrowded	58	58	8
Regularly permitted to depart each day unaccompanied (1,000)	13.6	4.2	9.4	Multiple-person units (1,000)	13.3	12.9	.5
				Percent overcrowded	89	90	75
On study release (1,000)	.9	.4	.5	Dormitories (1,000)	10.9	8.3	2.7
On work release (1,000)	12.0	3.4	8.6	Percent overcrowded	18	20	11

- Represents zero. [1] Includes others, not shown separately and not classified.

Source: U.S. Bureau of Justice Statistics, *State Correctional Facilities Census*, 1979.

No. 332. Jails—Summary: 1978

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

CHARACTERISTIC	United States	Northeast	North Central	South	West
Jails	**3,493**	**207**	**1,042**	**1,678**	**566**
With less than 50 inmates	2,844	109	933	1,380	422
With 50-249 inmates	519	75	89	249	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of overcrowding	630	42	98	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270

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

NO. 333 UTILIZATION OF FEDERAL, STATE, AND LOCAL CORRECTIONAL FACILITIES: 1978

[**In thousands of inmates, except as indicated.** Conn., N.Y., N.C., Va., and Calif. had over 500 inmates housed in confinement units not included in this table. Hence measured capacity for State facilities probably under estimated by 10,000 to 15,000 beds]

ITEM	Inmates, total	Reported capacity[1]	Reported utilization (percent)	Measured capacity[2]	Measured utilization (percent)	Physical capacity[3]	Physical utilization (percent)
Total	**412**	**502**	**82**	**375**	**110**	**257**	**160**
Federal	28	25	113	24	118	19	150
State	229	244	94	200	114	132	173
Local	155	234	66	151	102	106	146

[1] Capacity reported by the jurisdiction. [2] Defined as one inmate per room of any size or, for dormitories, the smaller of: (1) Number of square feet of floor space divided by 60 or (2) the jurisdictionally reported capacity. [3] Defined as a minimum of 60 square feet of floor space per inmate.

Source: U.S. Dept. of Justice, National Institute of Justice, *American Prisons and Jails, Volume I: Summary and Policy Implications of a National Survey*, 1980.

NO. 334. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 332]

CHARACTERISTIC	Total[1]	White	Black
Total inmates[2]	**158,394**	**89,418**	**65,104**
Male	148,839	84,752	60,474
Female	9,555	4,666	4,630
Under 30 years	110,166	60,581	46,788
30 years and over	48,228	28,836	18,316
Median age (years)	25.3	25.0	25.6
Educational attainment:			
Less than 12 years	96,265	53,084	40,923
12 years or more	61,943	36,163	24,165
Median	10.2	10.2	10.2
Prearrest employment status:			
Employed	89,526	51,193	36,195
Not employed	68,101	37,858	28,555
With prearrest income	147,736	83,622	60,592
Median income (dollars)	3,714	4,814	2,986
Without prearrest income	10,659	5,796	4,512
Military service:			
Served	39,861	26,696	12,120
Never served	118,486	62,716	52,942
Type of offense:			
Violent	46,944	20,163	25,546
Property	65,455	38,496	25,670
Drug	13,586	8,680	4,726
Public order	30,088	20,597	8,363
Legal representation:			
With counsel	51,572	27,318	23,345
Own lawyer	9,125	5,202	3,836
Provided with lawyer	42,183	22,026	19,335
Without counsel	14,443	8,879	5,052
Detention status:			
Unconvicted inmates	66,936	36,677	28,799
Bail status:			
Set	54,304	29,305	23,861
Not set	11,607	6,848	4,441
Convicted inmates	91,411	52,698	36,300
Method of conviction:			
Pleaded guilty	70,045	42,538	25,682
Judged guilty	20,075	9,668	9,916

[1] Includes races other than White and Black. [2] Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails*, October 1980.

NO. 335. FEDERAL PRISONERS UNDER SENTENCE, BY OFFENSE AND RACE: 1980

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

OFFENSE	Total	WHITE		OTHER RACES	
		Number	Average sentence (mo.)	Number	Average sentence (mo.)
Total[1]	**19,460**	**12,056**	**108.1**	**7,404**	**142.9**
Drug laws	4,898	3,579	79.3	1,319	107.4
Robbery	4,209	2,048	177.7	2,161	178.0
Larceny/theft	2,297	1,403	60.0	894	46.8
Firearms	737	529	58.5	208	52.4
Immigration	906	889	15.1	17	20.4
Forgery	576	257	53.0	319	52.7
Securities violations[2]	139	104	85.0	35	72.6
Counterfeiting	341	265	61.5	76	49.9
Fraud	644	504	50.9	140	36.7
Kidnaping	414	275	381.9	139	395.4
Juvenile delinquency	10	4	14.5	6	59.3
Burglary	73	48	104.0	25	98.8
Government[3]	2,309	724	313.7	1,585	214.4

[1] Includes offenses not shown separately. [2] Transporting false or forged securities. [3] Includes offenses committed on government reservations, the high seas, territories, and the District of Columbia.

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

NO. 336. FEDERAL AND STATE PRISONS—PRISONERS, BY STATES: 1960 TO 1980

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

STATE	1960	1965	1970	1975	1977[1]	1978	1979	1980			
								Total	Rate[2]	Male	Female
U.S.	**212,953**	**210,895**	**196,429**	**240,593**	**285,456**	**294,396**	**301,470**	**314,272**	**139**	**302,128**	**12,144**
Male	205,253	203,327	190,794	(NA)	274,244	282,813	289,465	302,128	275	302,128	(X)
Female	7,700	7,568	5,635	(NA)	11,212	11,583	12,005	12,144	10	(X)	12,144
Federal[3]	**23,218**	**21,040**	**20,038**	**24,131**	**28,650**	**26,391**	**22,588**	**20,611**	**9**	**19,438**	**1,173**
State	**189,735**	**189,855**[4]	**176,391**	**216,462**	**256,806**	**268,005**	**278,882**	**293,661**	**130**	**282,690**	**10,971**
New Eng	**4,871**	**5,044**	**4,543**	**5,636**	**6,306**	**6,383**	**6,843**	**7,315**	**59**	**7,181**	**134**
Maine	750	695	516	643	626	577	641	686	61	669	17
N.H	180	205	244	250	261	283	316	326	35	321	5
Vt	269	263	162	244	384	351	311	342	67	336	6
Mass	1,920	1,929	2,053	2,242	2,731	2,785	2,877	3,233	56	3,203	30
R.I	255	310	(NA)	408	528	524	559	612	65	598	14
Conn	1,497	1,642	1,568	1,849	1,776	1,863	2,139	2,116	68	2,054	62
Middle Atl	**29,293**	**29,459**	**24,052**	**27,735**	**32,214**	**33,603**	**34,080**	**35,324**	**96**	**34,258**	**1,066**
N.Y	17,207	17,504	12,059	16,071	19,367	20,459	20,856	21,653	123	21,043	610
N.J	4,284	4,839	5,704	5,682	5,386	5,422	5,539	5,564	76	5,366	198
Pa	7,802	7,116	6,289	5,982	7,461	7,722	7,685	8,107	68	7,849	258
E. No. Cent	**37,938**	**34,338**	**31,755**	**37,023**	**45,692**	**46,644**	**48,670**	**49,598**	**119**	**47,721**	**1,877**
Ohio	11,111	11,374	9,185	11,421	12,846	13,107	13,360	13,489	125	12,857	632
Ind	5,429	4,486	4,137	3,897	4,250	4,396	5,270	6,281	114	6,064	217
Ill	9,064	8,306	6,381	7,861	11,425	10,765	11,361	10,724	94	10,484	240
Mich	9,550	7,342	9,079	10,852	13,824	14,944	15,002	15,124	163	14,490	634
Wis	2,784	2,830	2,973	2,992	3,347	3,432	3,677	3,980	85	3,826	154
W. No. Cent	**12,317**	**12,188**	**10,186**	**11,289**	**13,442**	**13,776**	**13,792**	**14,726**	**86**	**14,174**	**552**
Minn	2,059	1,772	1,585	1,685	1,883	1,954	2,094	2,001	49	1,936	65
Iowa	2,204	2,178	1,747	1,786	2,065	1,961	2,261	2,511	86	2,418	93
Mo	3,698	3,517	3,413	4,371	5,302	5,637	5,279	5,524	112	5,311	213
N. Dak	248	208	147	173	163	138	136	185	28	183	2
S. Dak	526	571	391	338	500	505	539	609	88	594	15
Nebr	1,269	1,151	1,001	1,251	1,283	1,242	1,193	1,402	89	1,351	51
Kans	2,313	2,791	1,902	1,685	2,246	2,339	2,290	2,494	106	2,381	113
So. Atl	**37,808**	**34,729**	**35,786**	**58,946**	**70,152**	**72,094**	**72,647**	**75,292**	**204**	**72,506**	**2,786**
Del	226	315	596	582	820	1,005	1,088	1,087	183	1,054	33
Md	5,316	5,467	5,186	6,985	8,148	7,966	7,860	7,731	183	7,502	229
D.C	1,958	1,604	1,423	2,302	2,237	2,530	2,599	2,719	426	2,674	45
Va	5,775	4,553	4,648	5,497	7,143	7,882	8,200	8,581	161	8,306	275
W. Va	2,407	1,477	938	1,271	1,206	1,237	1,251	1,257	64	1,227	30
N.C	5,977	6,029	5,969	10,993	12,830	12,268	13,461	14,325	244	13,794	531
S.C	2,080	2,323	2,726	5,600	6,738	7,130	7,115	7,427	238	7,134	293
Ga	6,985	5,966	5,113	10,421	11,597	10,833	11,666	11,954	219	11,411	543
Fla	7,084	6,995	9,187	15,315	19,433	21,243	19,407	20,211	208	19,404	807
E. So. Cent	**14,081**	**12,422**	**11,637**	**14,649**	**17,270**	**17,387**	**19,209**	**19,755**	**135**	**18,973**	**782**
Ky	3,603	2,813	2,849	3,246	3,661	3,390	3,691	3,608	99	3,490	118
Tenn	3,134	3,213	3,268	4,551	5,480	5,835	6,629	7,022	153	6,686	336
Ala	5,369	4,377	3,790	4,420	5,545	5,529	5,464	5,786	149	5,541	245
Miss	1,975	2,019	1,730	2,422	2,584	2,633	3,425	3,339	132	3,256	83
W. So. Cent	**19,752**	**21,497**	**22,167**	**28,990**	**35,706**	**38,830**	**41,370**	**46,277**	**195**	**44,437**	**1,840**
Ark	2,016	1,970	(NA)	2,162	2,462	2,578	2,980	2,925	128	2,819	106
La	3,749	3,844	4,196	4,758	6,731	7,291	7,618	8,889	211	8,586	303
Okla	2,679	2,829	3,640	3,133	4,074	4,186	4,250	4,571	151	4,361	210
Tex	11,308	12,854	14,331	18,937	22,439	24,575	26,522	29,892	210	28,671	1,221
Mt	**7,292**	**8,188**	**6,351**	**8,506**	**10,689**	**11,602**	**12,430**	**13,368**	**118**	**12,828**	**540**
Mont	602	586	260	429	559	680	712	737	94	712	25
Idaho	549	481	411	580	774	802	830	817	87	792	25
Wyo	338	336	231	307	400	433	504	534	113	505	29
Colo	2,078	2,766	2,066	2,039	2,324	2,474	2,658	2,772	96	2,698	74
N. Mex	1,243	1,002	742	999	1,448	1,505	1,466	1,381	106	1,340	41
Ariz	1,516	1,694	1,460	2,647	3,229	3,450	3,737	4,360	160	4,141	219
Utah	553	701	491	657	806	908	957	928	64	901	27
Nev	413	622	690	848	1,149	1,350	1,566	1,839	230	1,739	100
Pac	**26,383**	**31,990**	**29,925**	**23,688**	**25,335**	**27,886**	**29,841**	**32,006**	**101**	**30,612**	**1,394**
Wash	2,455	3,202	2,864	3,369	4,160	4,487	4,342	4,382	106	4,194	188
Oreg	1,710	2,000	1,800	2,480	2,907	2,873	3,168	3,165	120	3,069	96
Calif	21,660	26,325	25,033	17,296	17,338	19,550	21,260	23,264	98	22,177	1,087
Alaska	(NA)	(NA)	(NA)	207	532	490	532	571	143	562	9
Hawaii	558	463	228	336	398	486	539	624	65	610	14

NA Not available. X Not applicable. [1] See headnote, table 330. [2] Rate per 100,000 population of States as of April 1. [3] Not included in State figures. [4] Total excludes, and individual State figures include, transfers.

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

No. 337. Average Time Served by Prisoners Released From Federal Institutions for First Time: 1965 to 1980

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

Year and offense	All first releases [1]			Parole [1]			Expiration of sentence [1]			YCA [2] releases	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
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 [3]	**9,069**	**33.9**	**15.9**	**2,440**	**83.8**	**31.0**	**6,629**	**15.5**	**10.3**	**468**	**24.5**
Counterfeiting	146	36.0	16.7	55	69.0	26.0	91	16.0	11.1	14	13.5
Drug laws	1,639	51.2	22.4	774	79.5	29.6	865	26.0	15.9	98	22.7
Embezzlement	168	16.1	8.8	35	37.4	13.8	133	10.5	7.5	7	10.2
Escape, flight, or harboring a fugitive	114	27.0	19.2	25	40.8	23.5	89	23.2	18.0	2	11.5
Firearms	366	36.6	19.5	101	60.1	23.9	265	27.7	17.8	24	21.5
Forgery	378	29.3	16.0	131	48.0	20.6	247	19.4	13.5	20	20.7
Fraud	383	20.1	10.3	97	44.9	17.4	286	11.7	7.8	8	18.5
Immigration	2,772	6.3	4.3	138	35.1	14.6	2,634	4.8	3.7	11	13.3
Income tax	169	12.3	7.4	25	41.4	18.6	144	7.2	5.5	-	-
Juvenile delinquency	4	42.0	23.7	-	-	-	4	42.0	23.7	-	-
Kidnaping	37	216.7	79.1	26	268.9	88.3	11	93.2	57.1	3	44.0
Larceny-theft	1,268	28.8	15.9	361	50.2	21.3	907	20.3	13.8	99	23.9
Motor vehicle, interstate	271	41.1	24.1	85	51.5	23.2	186	36.3	24.5	27	27.9
Liquor laws	9	18.3	9.8	3	36.0	16.0	6	9.5	6.8	-	-
Robbery	553	134.6	51.6	372	166.1	56.3	181	69.9	42.2	89	28.7
Securities, transporting false	67	58.8	27.6	29	95.5	36.1	38	30.8	21.2	5	16.6
White slave traffic	11	61.4	34.7	3	112.0	52.6	8	42.5	28.0	2	34.5
Military court-martial cases	13	70.5	31.6	6	140.0	58.1	7	11.0	9.0	-	-
Govt. reservation, high seas, territories, and D.C	339	52.9	21.1	100	133.5	44.6	239	19.2	11.3	61	30.7

- Represents zero. [1] Excludes prisoners sentenced under Youth Corrections Act. [2] Youth Corrections Act. [3] Includes other offenses not shown separately. Excludes 805 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 255 second or subsequent releases.

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

No. 338. Prisoners Under Sentence of Death: 1975 to 1980

[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. These data may not match data in table 339 because of revisions of totals but not to characteristics]

Characteristic	1975	1977	1978	1979	1980	Characteristic	1975	1977	1978	1979	1980
Total	**479**	**443**	**445**	**567**	**714**	Marital status:					
						Never married	217	192	187	208	268
White	214	244	261	344	427	Married	167	143	136	190	229
Black and other	265	199	184	223	287	Divorced [1]	95	108	122	169	217
Under 20 years	43	16	22	11	11	Time elapsed since sentencing:					
20-24 years	139	135	113	145	173	6 months or less	166	123	162	158	185
25-34 years	204	199	210	276	334	7-12 months	130				
35-54 years	83	88	97	128	186	13-47 months	155	314	237	309	389
55 years and over	10	5	3	7	10	48-71 months	13	6	46	97	102
						72 months and over	15	-	-	3	38
Completed school:											
7 years or less	71	49	55	55	68	Legal status at arrest:					
8 years	50	46	46	55	74	Not under sentence	293	253	277	324	384
9-11 years	167	137	158	187	204	Parole or probation	51	60	60	88	115
12 years	93	88	99	121	162	Prison or escaped	27	20	35	38	45
More than 12 years	21	25	28	39	43	Unknown	108	110	73	117	170
Unknown	77	98	59	110	163						

- Represents zero. [1] Includes persons married but separated, widows, widowers, and unknown.

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

No. 339. Movement of Prisoners Under Sentence of Death: 1970 to 1980

[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 1976, all data except executions, are not strictly comparable to corresponding data for earlier years. See source for explanation. For definition of median, see Guide to Tabular Presentation]

STATUS	1970	1973	1974	1975	1976	1977	1978	1979	1980	
									Total	Murder [1]
Under sentence of death, Jan	575	334	134	243	487	419	420	475	578	577
Received death sentence [2]	133	42	166	322	249	157	205	164	187	187
White	66	15	77	145	144	81	120	101	117	117
Black	66	26	84	174	105	74	83	61	69	69
Dispositions other than executions	77	242	57	78	317	155	150	59	51	51
Executions	-	-	-	-	-	1	-	2	-	-
Under sentence of death, Dec. 31 [2]	631	134	243	487	419	420	475	578	714	713
White	293	64	109	217	224	227	276	346	428	427
Black	335	68	128	262	195	191	195	229	282	282

- Represents zero. [1] Prisoners found guilty of murder or of murder and other crime(s).
[2] Includes persons other than White or Black.

No. 340. Prisoners Executed Under Civil Authority: 1930 to 1980

[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			OTHER OFFENSES [2]		
				Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
All years	**3,862**	**1,754**	**2,066**	**3,337**	**1,667**	**1,630**	**455**	**48**	**405**	**70**	**39**	**31**
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1980 [3]	3	3	-	3	3	-	-	-	-	-	-	-

- Represents zero. [1] Includes races other than White or Black. [2] 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. [3] See footnote 1, table 341.

No. 341. Prisoners Executed Under Civil Authority—States: 1940 to 1980

[No executions took place in Alaska, Hawaii, Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconsin from 1940 to 1980. At no time during this period was the death penalty authorized in Alaska, Hawaii, Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. At no time since the beginning of statehood in 1959 have Alaska or Hawaii authorized the death penalty]

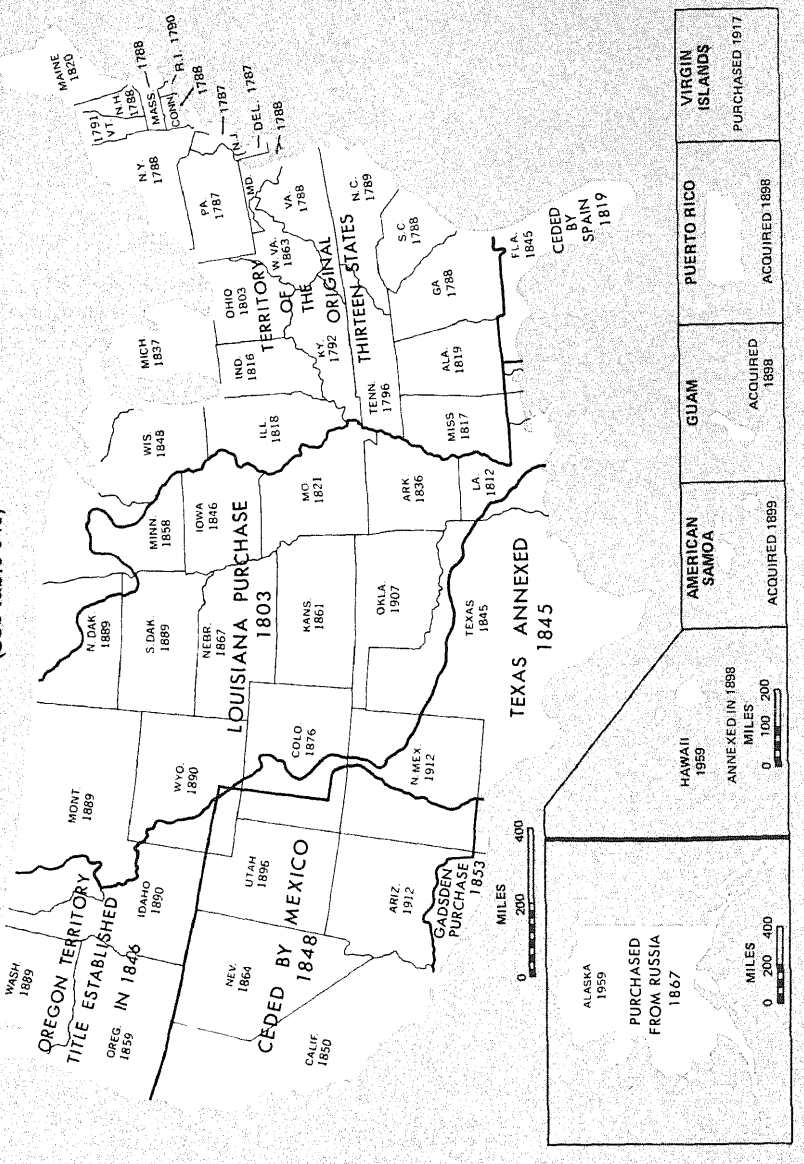
STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 [1]
Total [2]	**1,284**	**717**	**191**	-	**3**	Iowa	7	1	2	-	-	Ohio	51	32	7	-	-
						Kans	5	5	5	-	-	Okla	13	7	6	-	-
Ala	50	20	5	-	-	Ky	34	16	1	-	-	Oreg	12	4	1	-	-
Ariz	9	8	4	-	-	La	47	27	1	-	-	Pa	36	31	3	-	-
Ark	38	18	9	-	-												
Calif	80	74	30	-	-	Md	45	6	1	-	-	S.C	61	26	8	-	-
						Mass	9	-	-	-	-	S.Dak	1	-	-	-	-
Colo	13	3	6	-	-	Miss	60	36	10	-	-	Tenn	37	8	1	-	-
Conn	10	5	1	-	-	Mo	15	7	4	-	-	Tex	74	74	29	-	-
Del	4	-	-	-	-	Mont	1	-	-	-	-	Utah	4	6	1	-	1
D.C	16	4	-	-	-	Nebr	2	2	-	-	-	Vt	1	2	-	-	-
Fla	65	49	12	-	1	Nev	10	9	2	-	1	Va	35	23	6	-	-
Ga	130	85	14	-	-	N.J	14	17	3	-	-	Wash	16	6	2	-	-
Idaho	-	3	-	-	-	N.Mex	2	3	1	-	-	W.Va	11	9	-	-	-
Ill	18	9	2	-	-	N.Y	114	52	10	-	-	Wyo	2	-	1	-	-
Ind	7	2	1	-	-	N.C	112	19	1	-	-						

- Represents zero. [1] *One execution in 1977, none in 1978, two in 1979, and none in 1980.* [2] *Includes 23 Federal* executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 339-341: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment,* annual.

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

(See table 343)



Section 7

Geography and Environment

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

There are few publications other than those showing area measurements (issued irregularly by the Bureau of the Census) which present area and geography statistics of a national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey, National Oceanic and Atmospheric Administration (NOAA), and the Soil Conservation Service. Data on air and water quality and on types and sources of pollutants are compiled by various agencies and the U.S. Council on Environmental Quality (CEQ). For details, see the annual report of CEQ, *Environmental Quality,* and *Environmental Statistics, 1979.*

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940,* in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. In the 1950 and 1960 census reports, adjustments in selected area figures were made because changes in boundaries, development of water reservoirs, or improvements in the maps from which measurements are made had taken place. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports, Series GE-20.* The series consists of one report for each State and a U.S. summary. These reports include the same kinds of data as the 1940 report. Land areas of places with populations of 2,500 and over as of 1970 are shown in *Census of Population, 1970,* vol. 1, chapter A; data for counties are shown in the separate State reports. For 1980, land and water area for the individual States and their counties and county equivalents are published in *1980 Census of Population,* vol. 1, chapter A reports (PC80-1-A).

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

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

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

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

Environment.—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on its activities in its annual publication, *Environmental Quality.* The principal Federal agency responsible for research and enforcement activities related to pollution abatement and control is the Environmental Protection Agency (EPA). It is also responsible for establishing and monitoring national air quality standards.

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

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. Non-Federal sampling stations for suspended particulates increased from approximately 800 in 1969 to about 4,000 in 1978. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970–79.*

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

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

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

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

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

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

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

No. 342. Area of States and Other Areas: 1980

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

State or other area	Year admitted to statehood	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)	**3,618,770**	**9,372,614**	**3,539,289**	**9,166,759**	**79,481**	**205,856**
New England	(x)	(x)	**66,672**	**172,681**	**63,012**	**163,201**	**3,660**	**9,480**
Maine	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire	[3] 1788	44	9,279	24,032	8,993	23,292	286	739
Vermont	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts	[3] 1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island	[3] 1790	50	1,212	3,140	1,055	2,732	158	408
Connecticut	[3] 1788	48	5,018	12,997	4,872	12,617	147	380
Middle Atlantic	(x)	(x)	**102,203**	**264,707**	**99,733**	**258,308**	**2,470**	**6,398**
New York	[3] 1788	30	49,108	127,189	47,377	122,706	1,731	4,483
New Jersey	[3] 1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania	[3] 1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central	(x)	(x)	**248,540**	**643,719**	**243,961**	**631,859**	**4,579**	**11,860**
Ohio	1803	35	41,330	107,044	41,004	106,201	325	843
Indiana	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central	(x)	(x)	**517,825**	**1,341,166**	**508,132**	**1,316,063**	**9,693**	**25,104**
Minnesota	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota	1889	17	70,702	183,119	69,300	179,486	1,403	3,633
South Dakota	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic	(x)	(x)	**278,926**	**722,420**	**266,910**	**691,296**	**12,017**	**31,123**
Delaware	[3] 1787	49	2,044	5,295	1,932	5,005	112	290
Maryland	[3] 1788	42	10,460	27,092	9,837	25,477	623	1,614
District of Columbia	(x)	(x)	69	178	63	162	6	15
Virginia	[3] 1788	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina	[3] 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina	[3] 1788	40	31,113	80,582	30,203	78,227	909	2,355
Georgia	[3] 1788	21	58,910	152,576	58,056	150,364	854	2,211
Florida	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central	(x)	(x)	**181,947**	**471,243**	**178,824**	**463,154**	**3,123**	**8,089**
Kentucky	1792	37	40,409	104,660	39,669	102,743	740	1,917
Tennessee	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central	(x)	(x)	**437,701**	**1,133,646**	**427,271**	**1,106,633**	**10,430**	**27,013**
Arkansas	1836	27	53,187	137,754	52,078	134,883	1,109	2,871
Louisiana	1812	31	47,752	123,677	44,521	115,310	3,230	8,366
Oklahoma	1907	18	69,956	181,186	68,655	177,817	1,301	3,369
Texas	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain	(x)	(x)	**863,563**	**2,236,628**	**855,193**	**2,214,951**	**8,369**	**21,677**
Montana	1889	4	147,046	380,848	145,388	376,555	1,657	4,293
Idaho	1890	13	83,564	216,432	82,412	213,447	1,153	2,985
Wyoming	1890	9	97,809	253,326	96,989	251,202	820	2,125
Colorado	1876	8	104,091	269,595	103,595	268,311	496	1,285
New Mexico	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific	(x)	(x)	**921,392**	**2,386,406**	**896,253**	**2,321,295**	**25,140**	**65,112**
Washington	1889	20	68,139	176,479	66,511	172,264	1,627	4,215
Oregon	1859	10	97,073	251,419	96,184	249,117	889	2,302
California	1850	3	158,706	411,049	156,299	404,814	2,407	6,234
Alaska	1959	1	591,004	1,530,700	570,833	1,478,457	20,171	52,243
Hawaii	1959	47	6,471	16,759	6,425	16,641	46	118
Other areas:								
Puerto Rico	(x)	(x)	3,515	9,103	3,459	8,958	56	145
Virgin Islands of U.S	(x)	(x)	133	344	132	342	1	3
American Samoa	(x)	(x)	77	199	77	199	-	-
Guam	(x)	(x)	209	541	209	541	-	-
Trust Territory of Pacifc Islands [4]	(x)	(x)	533	1,380	533	1,380	-	-
No. Mariana Islands	(x)	(x)	184	477	184	477	-	-

- Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Year of ratification of Constitution; one of the original 13 States. [4] Administered by United States since July 18, 1947, under United Nations Trusteeship system.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, and *Characteristics of the Population*, PC80-1-A, and unpublished data.

No. 343. 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 [1]	(x)	**3,630,854**	**9,403,912**	Other:			
				Puerto Rico	[4] 1898	3,435	8,897
United States [1]	(x)	3,618,467	9,371,829	Guam	[5] 1898	212	549
Territory in 1790 [2]	(x)	888,685	2,301,694	American Samoa	[6] 1899	76	197
Louisiana Purchase	1803	827,192	2,142,427	Virgin Islands of the U.S	1917	133	344
By treaty with Spain:				Trust Territory of the Pacific Islands [7]	1947	8,489	21,987
Florida	1819	58,560	151,670	All other [8]	(x)	42	109
Other areas [3]	1819	13,443	34,817				
Texas	1845	390,143	1,010,470				
Oregon	1846	285,580	739,652				
Mexican Cession	1848	529,017	1,370,154	The Philippines [9]	1898	115,600	299,404
Gadsden Purchase	1853	29,640	76,768	Canal Zone [10]	1904	553	1,432
Alaska [1]	1867	589,757	1,527,470	Corn Islands [11]	1914	4	10
Hawaii	1898	6,450	16,706				

X Not applicable. [1] Area figure for Alaska corrected after 1970 Census of Population final reports were issued. [2] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. [3] Includes parts of Alabama, Mississippi, and Louisiana. [4] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [5] Acquired 1898; ratified 1899. [6] Acquired 1899; ratified 1900. [7] Comprises 717 square miles of land area and 7.772 square miles of water area. Under trusteeship. See table 6, footnotes 9 and 10. [8] Comprises following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1) which were returned to Honduras in 1972. Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available. [9] Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines. [10] Not included in total for 1970. [11] Not included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

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

No. 344. 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
			Alabama	560	1,450
Atlantic coastal water	2,298	5,952	Florida	1,698	4,398
Florida	37	96	Louisiana	1,016	2,631
Georgia	48	124	Mississippi	556	1,440
Maine	1,102	2,854	Texas	7	18
Massachusetts	959	2,484			
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
			Indiana	228	591
Chesapeake Bay	3,237	8,384	Michigan	13,037	33,766
Maryland	1,726	4,470	Wisconsin	7,387	19,132
Virginia	1,511	3,913			
			New York Harbor	92	238
Delaware Bay	665	1,722	New Jersey	69	179
Delaware	350	907	New York	23	60
New Jersey	315	816	Lake Ontario: New York	3,033	7,855
Lake Erie	5,002	12,955	Pacific coastal water	343	888
Michigan	216	559	California	69	179
New York	594	1,538	Oregon	48	124
Ohio	3,457	8,954	Washington	226	585
Pennsylvania	735	1,904			
			Puget Sound: Washington	561	1,453
Straits of Georgia and Juan de Fuca: Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245			
Long Island Sound	1,298	3,364	Lake Superior	21,118	54,696
Connecticut	573	1,484	Michigan	16,231	42,038
New York	726	1,880	Minnesota	2,212	5,729
			Wisconsin	2,675	6,928

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

No. 345. Extreme and Mean Elevations—States and Other Areas

[One foot = .305 meter]

State or other area	Highest point			Lowest point			Approximate mean elevation	
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters	Feet	Meters
U.S.	**Mt. McKinley (Alaska)**	**20,320**	**6,198**	**Death Valley (Calif.)**	**−282**	**−86**	**2,500**	**763**
Ala	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
Alaska	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
Ariz	Humhreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
Ark	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
Calif	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
Colo	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
Conn	Mt. Frissell, on South slope.	2,380	726	Long Island Sound	(1)	(1)	500	153
Del	Ebright Road, New Castle Co.	442	135	Atlantic Ocean	(1)	(1)	60	18
D.C	Tenleytown	410	125	Potomac River	1	(z)	150	46
Fla	Sec. 30, T6N, R20W, Walton County[2].	345	105	Atlantic Ocean	(1)	(1)	100	31
Ga	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
Hawaii	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
Idaho	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
Ill	Charles Mound	1,235	377	Mississippi River	279	85	600	183
Ind	Franklin Twp., Wayne Co	1,257	383	Ohio River	320	98	700	214
Iowa	Sec. 29, T100N, R41W, Osceola County[2].	1,670	609	Mississippi River	480	146	1,100	336
Kans	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
Ky	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
La	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
Maine	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
Md	Backbone Mountain near Kempton, W. Va.	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
Mass	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
Mich	Mount Curwood	1,980	604	Lake Erie	572	174	900	275
Minn	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	366
Miss	Woodall Mountain, near Iuka.	806	246	Gulf of Mexico	(1)	(1)	300	92
Mo	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
Mont	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
Nebr	Johnson Twp., Kimball Co., T12N, R59W[2].	5,426	1,655	Southeast corner of State	840	256	2,600	793
Nev	Boundary Peak	13,143	4,009	Colorado River	470	143	5,500	1,678
N.H	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
N.J	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
N. Mex	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
N.Y	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
N.C	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
N. Dak	White Butte, Slope Co	3,506	1,069	Red River	750	229	1,900	580
Ohio	Campbell Hill	1,550	473	Ohio River	433	132	850	259
Okla	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
Oreg	Mount Hood	11,233	3,428	Pacific Ocean	(1)	(1)	3,300	1,007
Pa	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
R.I	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
S.C	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
S. Dak	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
Tenn	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
Tex	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(1)	(1)	1,700	519
Utah	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
Vt	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
Va	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
Wash	Mount Ranier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
W. Va	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
Wis	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	320
Wyo	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
P. Rico	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
C. Zone	Cerro Galera	1,205	368	Atlantic Ocean	(1)	(1)	280	85
Guam	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
Virgin Is	Grown 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*, 1980.

No. 346. Coastline of the United States, by States

[One mile = 1.609 kilometers]

STATE	General coastline[1]		Tidal shoreline[2]	
	Statute miles	Kilometers	Statute miles	Kilometers
U.S	**12,383**	**19,924**	**88,633**	**142,610**
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**
Connecticut	-	-	618	994
Delaware	28	45	381	613
Florida	580	933	3,331	5,360
Georgia	100	161	2,344	3,771
Maine	228	367	3,478	5,596
Maryland	31	50	3,190	5,133
Massachusetts	192	309	1,519	2,444
New Hampshire	13	21	131	211
New Jersey	130	209	1,792	2,883
New York	127	204	1,850	2,977
North Carolina	301	484	3,375	5,430
Pennsylvania	-	-	89	143
Rhode Island	40	64	384	618
South Carolina	187	301	2,876	4,627
Virginia	112	180	3,315	5,334
Gulf coast	**1,631**	**2,624**	**17,141**	**27,580**
Alabama	53	85	607	977
Florida	770	1,239	5,095	8,198
Louisiana	397	639	7,721	12,423
Mississippi	44	71	359	578
Texas	367	591	3,359	5,405
Pacific coast	**7,623**	12,265	**40,298**	**64,839**
Alaska	5,580	8,978	31,383	50,495
California	840	1,352	3,427	5,514
Hawaii	750	1,207	1,052	1,693
Oregon	296	476	1,410	2,269
Washington	157	253	3,026	4,869
Arctic coast, Alaska	**1,060**	**1,706**	**2,521**	**4,056**

- Represents zero. [1] Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. [2] Figures obtained in 1939–1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

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

No. 347. Lengths of Principal Rivers

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

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

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

NO. 348. AREAS OF SELECTED NATURAL LAKES

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

LAKE AND LOCATION	AREA		LAKE AND LOCATION	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Becharof (Alaska)	458	1,186	Leech (Minn.)	176	456
Champlain (N.Y., Vt., and Canada)	490	1,269	Mille Lacs (Minn.)	207	536
Flathead (Montana)	197	510	Naknek (Alaska)	242	627
Great Salt [1] (Utah)	[2] 1,361	[2] 3,525	Okeechobee (Fla.)	700	1,813
Iliamna (Alaska)	1,000	2,590	Pontchartrain [1] (La.)	625	1,619
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada)	9,940	25,745	Pyramid [1] (Nev.)	[2] 168	[2] 435
Lake Huron (Mich. and Canada)	23,010	59,596	Rainy (Minn. and Canada)	345	894
Lake Michigan (Ill., Ind., Mich., and Wis.)	22,400	58,016	Red Lake, Upper and Lower (Minn.)	451	1,168
Lake Ontario (N.Y. and Canada)	7,540	19,529	St. Clair (Mich. and Canada)	460	1,191
Lake Superior (Mich., Minn., Wis., and Canada)	31,820	82,414	Salton Sea [1] (Calif.)	[2] 375	[2] 971
Lake of the Woods (Minn. and Canada)	1,485	3,846	Tahoe (Calif. and Nev.)	193	500
			Teshekpuk (Alaska)	315	816
			Winnebago (Wis.)	215	557

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

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

NO. 349. WATER WITHDRAWN PER DAY—STATES AND PUERTO RICO: 1970 AND 1975

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

STATE	WATER WITHDRAWN					Fresh water consumed, [2] 1975 (mil. gal.)
	1970		1975			
	Per capita [1] (gal.)	Total (bil. gal.)	Per capita [1] (gal.)	Total (bil. gal.)	Surface (bil. gal.)	
Total	**1,800**	**370.0**	**1,920**	**420.0**	**330**	**96,000**
Ala	1,900	6.7	2,530	9.1	9	260
Alaska	830	.3	570	.2	(z)	6
Ariz	3,900	6.8	3,530	7.8	3	5,900
Ark	1,600	3.0	2,390	5.1	3	2,200
Calif	2,400	48.0	2,390	51.0	31	23,000
Colo	6,000	13.0	4,000	10.0	7	5,300
Conn	1,200	3.5	860	2.7	3	160
Del	2,200	1.2	3,540	2.1	2	39
D.C	1,700	1.3	400	.3	(z)	18
Fla	2,300	15.0	2,150	18.0	15	2,300
Ga	1,200	5.3	1,200	5.9	5	390
Hawaii	3,500	2.7	2,890	2.5	2	560
Idaho	22,000	16.0	21,330	17.0	12	4,900
Ill	1,400	16.0	1,140	13.0	12	200
Ind	1,700	8.6	2,140	11.0	11	370
Iowa	750	2.1	1,220	3.5	3	220
Kans	1,700	3.8	2,580	5.8	1	4,100
Ky	1,400	4.5	860	2.9	3	180
La	2,500	9.1	3,090	12.0	10	3,200
Maine	760	.8	1,130	1.2	1	41
Md	1,300	5.2	1,810	7.4	7	110
Mass	740	4.2	1,500	8.6	8	110
Mich	1,500	13.0	1,640	15.0	14	310
Minn	900	3.4	1,020	4.0	3	270
Miss	950	2.1	900	2.1	1	530
Mo	750	3.5	860	4.1	4	400
Mont	12,000	8.0	15,440	12.0	11	2,800
Nebr	4,100	6.0	5,620	8.7	3	6,000
Nev	6,700	3.3	5,950	3.5	3	1,600
N.H	940	.7	1,220	1.0	1	21
N.J	870	6.3	900	6.6	6	440
N. Mex	3,100	3.2	2,830	3.2	2	1,600
N.Y	970	18.0	1,340	24.0	23	740
N.C	1,200	5.9	1,100	6.0	6	490
N. Dak	1,000	.7	1,390	.9	1	240
Ohio	1,700	18.0	1,520	16.0	15	510
Okla	590	1.5	830	2.3	1	1,200
Oreg	2,800	5.9	3,020	6.9	6	3,200
Pa	1,700	20.0	1,540	18.0	17	830
R.I	490	.5	520	.5	(z)	14
S.C	1,300	3.4	2,070	5.8	6	280
S.D	910	.6	800	.6	(z)	300
Tenn	1,600	6.4	1,820	7.6	7	270
Tex	2,400	27.0	2,340	29.0	18	13,000
Utah	4,000	4.2	3,400	4.1	3	2,400
Vt	250	.1	710	.3	(z)	110
Va	1,200	5.5	1,500	7.5	7	71
Wash	2,100	7.2	2,040	7.2	7	2,500
W. Va	3,300	5.8	3,440	6.2	6	66
Wis	1,400	6.3	680	3.2	3	240
Wyo	17,000	5.8	19,320	7.2	7	2,100
P. Rico [3]	1,100	3.0	1,270	4.2	4	250

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

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

No. 350. Estimated Daily Water Use: 1940 to 1975, and Projections to 2000

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

Year	Total water use [1]		Irrigation [2]		Public water utilities [3]		Self-supplied uses					
							Rural domestic [4]		Industrial and miscellaneous [5]		Steam electric utilities [1]	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1940	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	.02
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	.05
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	.10
1965	269.62	48.57	110.85	30.04	23.74	5.96	4.08	3.86	46.41	8.63	84.54	.08
1970	372.18	68.71	127.12	45.27	27.34	9.42	4.46	3.55	47.41	9.04	165.85	1.43
1975	337.55	82.14	158.23	56.30	26.36	10.70	3.98	3.90	60.08	9.77	88.90	1.47
1985	329.35	80.14	165.76	54.93	29.63	10.44	4.52	3.81	34.58	9.53	94.86	1.43
2000	306.03	74.47	153.54	51.04	34.17	9.70	4.91	3.54	33.36	8.86	80.05	1.33

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

Source: U.S. Bureau of Domestic Business Development, 1940-1960 based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, 1960; 1965, *National Assessment of the Water Resources Council*, 1968; 1970, U.S. Geological Survey Circular 676, *Estimated Use of Water in the United States in 1970;* thereafter, U.S. Geological Survey, *Estimated Use of Water in the United States in 1975*, Geological Survey Circular 765.

No. 351. Expenditures for Pollution Abatement and Control in Current and Constant (1972) Dollars, 1972 to 1979, and by Media, 1979

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

Type	1972	1973	1974	1975	1976	1977	1978	1979, prel.			
								Total [1]	Air	Water	Solid waste
CURRENT DOLLARS											
Total expenditures	**18,220**	**21,865**	**26,258**	**30,990**	**34,585**	**37,610**	**42,495**	**48,495**	**20,017**	**21,278**	**7,637**
Percent Government of total	29.9	28.4	28.4	28.1	27.9	26.7	28.1	26.7	3.7	43.2	30.4
Pollution abatement	17,031	20,472	24,675	29,233	32,594	35,284	39,894	45,683	18,795	20,600	7,473
Personal consumption	1,536	2,065	2,667	3,463	3,994	4,311	4,649	5,475	5,475	-	-
Durable goods	476	670	690	1,361	1,821	2,166	2,412	2,741	2,741	-	-
Nondurable goods and services	1,060	1,395	1,977	2,102	2,173	2,145	2,237	2,734	2,734	-	-
Business	10,722	13,029	15,519	18,197	20,249	22,393	24,923	28,996	12,980	11,965	5,284
On capital account	5,451	6,769	7,470	8,875	9,505	10,010	10,710	11,796	5,892	5,151	752
On current account	5,271	6,260	8,049	9,322	10,744	12,383	14,212	17,200	7,088	6,814	4,532
Government	4,774	5,378	6,489	7,573	8,351	8,580	10,323	11,212	340	8,635	2,189
Federal	139	203	294	432	472	491	461	538	102	345	50
State and local	1,311	1,433	1,592	1,752	1,834	1,963	2,202	2,372	-	226	2,140
Govt. enterprise fixed capital	3,324	3,742	4,603	5,389	6,045	6,126	7,660	8,302	238	8,064	-
Regulation and monitoring [2]	367	490	595	653	725	833	945	1,066	289	412	104
Federal	200	278	346	381	402	429	507	604	101	238	37
Research and development [2]	823	903	988	1,104	1,266	1,494	1,657	1,748	933	266	60
Private	519	569	608	609	693	865	987	1,088	814	118	31
Federal	205	269	342	448	528	578	611	592	112	129	25
CONSTANT (1972) DOLLARS											
Total expenditures	**18,220**	**20,530**	**21,113**	**22,941**	**24,187**	**24,503**	**25,771**	**26,112**	**10,198**	**11,510**	**4,511**
Pollution abatement	17,031	19,224	19,755	21,570	22,733	22,917	24,126	24,433	9,485	11,101	4,413
Personal consumption	1,536	1,965	2,116	2,589	2,857	2,945	2,990	2,990	2,990	-	-
Business	10,722	12,254	12,191	12,978	13,653	13,996	14,555	15,019	6,315	6,195	3,101
Government	4,774	5,005	5,448	6,003	6,224	5,976	6,581	6,424	180	4,905	1,312
Regulation and monitoring	367	458	518	524	543	585	616	648	174	250	62
Research and development	823	849	840	847	911	1,002	1,029	1,032	539	159	36

- Represents zero. [1] For some types of expenditures, some data by type of media may be greater than total because total includes costs recovered. [2] Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1981.

No. 352. Air and Water Pollution Abatement and Control Expenditures in Constant (1972) Dollars: 1972 to 1979

[In millions of dollars. See headnote, table 351]

Year	Air							Water				
	Total	Mobile sources [1]			Stationary sources			Total	Industrial		Public sewer systems [3]	
		Total	Cars	Trucks	Total [2]	Industrial						
						Facilities	Operation of facilities		Facilities	Operation of facilities	Facilities	Operation of facilities
1972	5,843	2,196	1,936	260	3,646	2,307	1,177	7,563	1,358	809	4,022	1,375
1973	7,078	2,869	2,501	368	4,209	2,804	1,257	8,344	1,638	933	4,251	1,523
1974	7,304	3,315	2,751	564	3,988	2,737	1,099	8,614	1,610	936	4,497	1,572
1975	8,493	4,119	3,362	757	4,375	2,940	1,275	9,359	1,946	969	4,770	1,673
1976	8,872	4,579	3,610	970	4,293	2,656	1,432	9,994	2,151	1,106	4,986	1,751
1977	8,950	4,820	3,711	1,109	4,130	2,432	1,478	9,893	2,025	1,185	4,821	1,861
1978	9,210	5,033	3,756	1,277	4,177	2,355	1,618	10,688	1,919	1,297	5,495	1,976
1979	9,485	5,127	3,717	1,411	4,358	2,425	1,714	10,516	1,760	1,355	5,334	2,068

[1] Excludes expenditures to reduce emissions from sources other than cars and trucks. [2] Includes other expenditures not shown separately. [3] Includes expenditures for private connectors to sewer systems, by owner's of animal feedlots, and by government enterprises.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1981.

No. 353. Federal Outlays for the Environment, by Activity: 1973 to 1981

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

Activity	1973	1974	1975	1976	1977	1978	1979	1980	1981 [1]
Total	**3,701**	**4,909**	**5,995**	**7,481**	**9,212**	**10,777**	**11,982**	**12,757**	**12,855**
Annual percent change	[2] 28.9	32.6	22.1	24.8	23.1	17.0	11.2	6.5	.8
Pollution abatement and control	1,925	2,974	3,571	4,536	5,829	5,934	6,945	7,632	7,723
Percent Environmental Protection Agency	57.8	68.3	70.8	93.2	74.9	68.6	69.1	73.4	71.8
Aid to State and local governments	908	1,867	2,189	2,769	3,967	3,972	4,769	5,177	5,028
Research and development	489	414	570	683	786	836	795	782	869
Standard setting and enforcement	[3] 215	304	369	394	426	524	537	791	917
Reduction of pollution from Federal facilities	174	301	334	478	457	431	550	471	510
Other	139	88	109	211	192	171	294	411	399
Protection and enhancement	820	870	1,128	1,294	1,498	2,688	2,614	2,749	2,651
Aid to State and local governments [4]	248	333	403	392	426	847	856	891	877
City recreation	69	93	110	98	205	425	338	335	345
Noncity general recreation	84	121	151	142	145	158	196	128	130
Historic preservation and rehabilitation	9	11	11	14	47	39	45	84	92
Direct Federal activities [4]	571	537	725	902	1,073	1,841	1,758	1,858	1,774
Noncity general recreation	172	128	189	264	325	372	449	468	488
Preservation and protection [5]	195	151	164	245	303	647	387	434	397
City recreation	46	108	145	139	113	132	196	212	204
Historic preservation and rehabilitation	53	41	60	39	73	63	133	112	111
Understanding, describing, and predicting [4]	956	1,065	1,296	1,651	1,885	2,155	2,423	2,376	2,481
Observation and prediction [6]	452	484	595	661	709	744	757	854	913
Locate and describe natural resources	250	260	351	423	490	688	861	650	665
Research on environmental impact on people	66	96	57	227	261	266	303	337	351
Ecological and other basic environmental research	66	89	125	169	206	242	266	228	237
Physical environmental surveys	103	115	146	155	199	197	214	281	292

[1] Estimated. Based on January budget estimates. See table 416, footnote 7. [2] Change from 1972. [3] Includes funds for planning, monitoring and surveillance, and technical assistance. [4] Includes activities not shown separately. [5] Unique natural areas and endangered species. [6] Includes weather, ocean conditions, and earthquakes and other disturbances.

No. 354. Federal Obligations for Pollution Abatement and Control: 1970 to 1981

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

Media	1970	1975	1979	1980	1981 [1]	Selected pollutants [2]	1970	1975	1979	1980	1981 [1]
Total	**1,071**	**6,103**	**7,820**	**8,195**	**7,633**	Toxics	(x)	(x)	264	487	538
						Solid wastes	20	174	236	356	400
Water	677	5,179	6,051	6,192	5,419	Radiation	116	160	170	209	221
Air	189	348	506	537	564						
Land	35	57	115	117	154	Pesticides	30	59	121	127	136
Other	169	519	1,148	1,349	1,496	Noise	36	50	83	92	98

X Not applicable. [1] Estimated. Based on January budget estimates. See table 416, footnote 7. [2] Funds for selected pollutants are included in media breakdown.

Source of tables 353 and 354: U.S. Office of Management and Budget, *Special Analysis, Budget of the United States Government*, annual, and unpublished data.

No. 355. Governmental Expenditures for Water, Land, and Air Quality Control Activities: 1976 to 1979

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

Level of government	Water quality control				Land quality control [1]				Air quality control			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
Federal expenditures	3,139	4,318	4,413	4,829	98	125	132	163	242	256	323	353
Direct	456	467	490	557	94	118	116	120	189	200	263	263
Intergovernmental	2,682	3,851	3,923	4,272	4	7	16	43	53	56	60	90
State expenditures	939	862	818	986	108	134	148	188	157	189	185	166
Direct	326	381	406	439	87	120	128	164	148	178	171	152
Intergovernmental	613	481	412	547	21	14	20	24	10	11	14	14
Local expenditures [2]	6,008	6,466	6,834	8,498	2,321	2,337	2,780	3,014	39	32	35	35
Current operation	1,988	2,316	2,643	3,078	2,086	2,104	2,501	2,668	38	31	34	33
Capital outlay	4,020	4,150	4,191	5,420	235	233	279	346	1	1	1	1

[1] Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2. [2] Direct expenditures. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1974-75* (GSS No. 83), *Fiscal Year 1975-76* (GSS No. 86), *Fiscal Year 1976-77* (GSS No. 90), *Fiscal Year 1977-78* (GSS No. 97), and *Fiscal Year 1978-79 (GSS No. 101)*.

No. 356. New Capital Business Expenditures for Pollution Abatement: 1975 to 1980

Industry	Pollution abatement expenditures (bil. dol.)							Percent of total capital outlays by business [1]				
	1975	1978	1979	1980				1975	1978	1979	1980	
				Total	Air	Water	Solid waste				Total	Air
Total nonfarm business	**6.97**	**7.58**	**8.42**	**9.20**	**5.07**	**3.28**	**.85**	**4.4**	**3.3**	**3.1**	**3.1**	**1.7**
Manufacturing	4.93	4.44	4.82	5.52	2.88	2.09	.55	9.0	5.6	4.9	4.8	2.5
Durable goods [2]	1.90	1.74	2.00	2.27	1.42	.69	.15	7.2	4.3	3.9	3.8	2.4
Primary metals	1.02	.79	.92	.98	.67	.26	.04	17.5	13.8	13.6	12.7	8.8
Electrical machinery	.09	.10	.11	.16	.07	.06	.02	2.8	1.7	1.5	1.6	.7
Machinery, exc. electrical	.09	.13	.14	.15	.07	.07	.01	1.8	1.9	1.3	1.3	.6
Transportation equipment	.16	.28	.41	.52	.31	.17	.04	2.7	2.3	2.7	2.9	1.7
Stone, clay, and glass	.22	.23	.21	.25	.21	.03	.01	13.3	7.5	5.4	6.6	5.5
Nondurable goods [2]	3.03	2.70	2.82	3.25	1.46	1.40	.40	10.6	6.9	5.9	5.7	2.6
Food, incl. beverages	.29	.34	.27	.27	.08	.18	.02	7.2	5.6	4.0	3.7	1.0
Textiles	.05	.04	.06	.07	.05	.02	(z)	5.9	2.9	3.7	4.6	3.0
Paper	.50	.29	.40	.39	.16	.16	.07	16.7	7.2	7.3	5.8	2.3
Chemicals	.82	.73	.63	.73	.32	.32	.10	10.8	8.7	5.8	5.8	2.6
Petroleum	1.27	1.20	1.38	1.71	.83	.69	.19	13.2	8.6	8.5	8.3	4.0
Rubber	.05	.07	.05	.03	.02	.01	.01	4.2	3.1	2.4	1.9	.9
Nonmanufacturing	2.04	3.14	3.60	3.69	2.19	1.20	.30	2.0	2.1	2.1	2.1	1.2
Mining	.14	.42	.51	.48	.17	.22	.10	2.3	4.1	4.5	3.6	1.3
Transportation	.11	.11	.10	.11	.05	.06	.01	1.2	1.0	.8	.9	.4
Railroad	.04	.04	.03	.04	.01	.03	(z)	1.3	1.2	.8	.9	.2
Other transportation	.07	.07	.06	.08	.03	.03	.01	1.9	1.7	1.6	1.9	.9
Public utilities	1.51	2.39	2.75	2.88	1.86	.88	.15	7.5	8.0	8.1	8.1	5.2
Communication and other	.29	.23	.23	.21	.12	.05	.04	.9	.4	.3	.3	.2

Z Less than 5 million. [1] Based on outlays reported in source; see also table 929. [2] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1981.

No. 357. National Ambient Air Pollutant Concentrations: 1972 to 1979

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

Pollutant	Monitoring stations, number	1972	1973	1974	1975	1976	1977	1978	1979
Carbon monoxide (mg/M^3)	221	3.4	3.4	3.1	3.0	2.7	2.5	2.4	2.2
Photochemical oxidants [1] ($\mu g/M^3$)	230	(NA)	(NA)	123.5	123.5	123.5	123.5	125.4	123.5
Sulfur dioxide ($\mu g/M^3$)	188	(NA)	(NA)	38.4	36.7	37.1	33.2	31.5	32.6
Total suspended particulates ($\mu g/M^3$)	3,047	64.0	63.2	60.9	59.1	60.1	59.3	58.3	58.5
Nitrogen dioxide ($\mu g/M^3$)	180	(NA)	(NA)	56.1	55.4	57.6	59.5	63.7	63.4

NA Not available. [1] Ozone.

Source: U.S. Environmental Protection Agency, *Appendix A—Statistical Analysis for the Major Pollutants*.

No. 358. Air Pollutants—National Emission Estimates: 1970 to 1979

[In millions of short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Particulates [1]	23.1	21.2	18.7	17.4	15.4	12.8	11.7	10.9	10.7	10.5
Sulfur oxides	31.2	29.6	30.2	31.4	29.4	27.8	28.5	28.0	26.8	27.0
Nitrogen oxides	21.0	21.6	22.8	23.4	22.9	22.3	24.0	24.7	25.0	24.9
Hydrocarbons	30.5	29.8	30.2	29.5	28.1	25.8	26.9	26.9	28.0	27.1
Carbon monoxide	124.4	124.1	122.0	119.1	112.8	108.0	109.5	106.2	104.6	100.7

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

No. 359. Air Pollutant Emissions, by Source: 1970 and 1979

YEAR AND POLLUTANT	Total emissions (mil. sh. tons)	CONTROLLABLE EMISSIONS (mil. sh. tons)						Misc. uncontrollable (mil. sh. tons)	PERCENT OF TOTAL		
		Transportation		Fuel combustion [1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion [1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	124.4	97.7	87.1	2.0	.2	9.9	7.1	7.7	78.5	1.6	8.0
Sulfur oxides	31.2	.8	.3	23.3	17.2	7.1	-	.1	2.6	74.7	22.8
Hydrocarbons	30.5	13.3	11.7	.3	.1	11.4	2.0	3.5	43.6	1.0	37.4
Particulates [2]	23.1	1.4	1.0	8.0	4.5	11.2	1.2	1.2	6.1	34.6	48.5
Nitrogen oxides	21.0	7.9	5.7	11.5	5.6	.9	.4	.3	37.6	54.8	4.3
1979: Carbon monoxide	100.7	82.1	72.6	2.1	.3	6.9	2.8	6.8	81.5	2.1	6.9
Sulfur oxides	27.0	1.1	.4	21.6	17.6	4.5	-	-	4.1	80.0	16.7
Hydrocarbons	27.1	9.7	7.9	.2	.1	13.7	.9	2.6	35.8	.7	50.6
Particulates [2]	10.5	1.5	1.2	2.8	1.7	4.7	.4	1.0	14.3	26.7	44.8
Nitrogen oxides	24.9	10.1	7.4	13.6	8.3	.9	.1	.2	40.6	54.6	3.6

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

Source of tables 358 and 359: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates 1970-79.*

No. 360. Air Quality—Days by Level of PSI for Selected SMSA's: 1976 to 1978

[PSI is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO_2), total suspended particulates (TSP), photochemical oxidants or ozone (O_3), and nitrogen dioxide (NO_2). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0-100; unhealthful for 100-200; very unhealthful for 200-300; and hazardous for more than 300. For SMSA explanation, see Appendix III]

STANDARD METROPOLITAN STATISTICAL AREA	NUMBER OF DAYS ACCORDING TO POLLUTANT STANDARDS INDEX (PSI)											
	1976				1977				1978			
	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300
Average, 24 SMSA's	276.3	62.5	26.8	.5	284.2	61.9	18.8	.2	289.5	58.5	14.6	.5
Los Angeles, Calif	98	126	142	-	112	136	117	-	159	111	95	-
New York, N.Y	98	38	225	4	92	186	86	1	191	160	14	-
Denver, Colo	184	149	33	-	222	122	20	1	192	133	39	1
Chicago, Ill	285	67	13	1	223	123	18	1	215	119	28	3
Riverside-San Bernardino-Ontario, Calif	192	86	88	-	183	74	108	-	220	77	67	1
St. Louis, Mo.-Ill	225	108	27	6	262	90	13	-	246	94	18	7
Louisville, Ky.-Ind	206	146	14	-	262	90	13	1	271	86	8	-
Houston, Tex	302	52	12	-	315	39	11	-	271	70	24	-
Philadelphia, Pa.-N.J	279	80	7	-	286	69	10	-	284	71	10	-
Portland, Oreg.-Wash	296	67	3	-	284	76	5	-	290	73	2	-
Salt Lake City, Utah	256	85	25	-	304	52	9	-	294	51	20	-
Washington, D.C.-Md.-Va	219	132	15	-	291	67	7	-	295	67	3	-
Seattle-Everett, Wash	276	85	5	-	270	91	4	-	303	60	2	-
Kansas City, Mo.-Kans	359	6	1	-	340	17	8	-	309	13	-	-
San Diego, Calif	292	65	9	-	320	41	4	-	327	32	6	-
Memphis, Tenn.-Ark.-Miss	342	24	-	-	343	19	2	1	328	34	3	-
Milwaukee, Wis	334	24	8	-	332	26	7	-	331	31	3	-
Cincinnati, Ohio-Ky.-Ind	325	40	1	-	302	59	4	-	335	29	1	-
Sacramento, Calif	328	35	3	-	346	19	-	-	338	25	2	-
Buffalo, N.Y	335	23	8	-	325	37	3	-	342	20	3	-
San Francisco, Calif	321	44	1	-	341	24	-	-	343	21	1	-
Syracuse, N.Y	359	5	2	-	358	5	2	-	353	12	-	-
Tampa-St. Petersburg, Fla	361	5	-	-	346	19	-	-	353	10	2	-
Rochester, N.Y	358	8	-	-	361	4	-	-	359	6	-	-

- Represents zero.

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

No. 361. National Ambient Water Quality in Rivers and Streams—Violation Rate: 1975 to 1979

[**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. μg=micrograms. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1975	1976	1977	1978	1979
Fecal coliform bacteria	Above 200 cells per 100 ml	36	32	34	35	35
Dissolved oxygen	Below 5.0 mg per liter	5	6	11	5	4
Phosphorus	Above .1 mg per liter	47	47	48	48	47
Lead	Above 50 μg per liter	[1] 42	[1] 38	[1] 41	[1] 27	27
Mercury	Above 2.0 μg per liter	[1] 61	[1] 63	[1] 45	[1] 60	[1] 81

[1] Value shown may be higher than the true violation level because of the detection limits of measuring equipment.
Source: U.S. Council on Environmental Quality, *Environmental Quality*, 1980.

No. 362. Population Served by Sewer Systems, by Degree of Treatment: 1960 to 1978

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

NA Not available. [1] Data for 1960 and 1970 not strictly comparable with 1978.

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

No. 363. Polluting Discharges Reported in U.S. Waters: 1972 to 1979

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1972, discharges	9,931	18,806	**1979**—Con.			**1979**—Con.		
1973, discharges	13,328	24,315	Nontransport. facilities	2,232	3,572	Type of pollutant:		
1974, discharges	13,966	16,916	Onshore	686	853	Crude oil	2,127	4,027
1975, discharges	12,057	14,967	Offshore	676	94	Diesel oil	2,607	1,690
1976, discharges	12,655	33,852	Other	870	2,625	Other oil	6,256	4,784
1977, discharges	12,844	19,900	Pipeline	611	3,303	Other or unknown	2,144	3,161
1978, discharges	14,495	17,257	Marine facilities	667	603	Location:		
1979, discharges	**13,134**	**13,661**	Onshore/offshore	505	549	Atlantic Coast	3,308	1,803
Vessel	3,836	4,251	Land vehicles	501	570	Gulf Coast	4,198	3,116
Tankship	731	2,632	Land facilities	215	272	Pacific Coast	2,010	3,284
Tank barge	991	1,240	Other or unknown	5,072	1,091	Great Lakes	807	296
Other	2,114	379				Inland	2,811	5,163

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, 1979.

No. 364. Solid Waste Generation, Recovery, and Disposal: 1960 to 1978

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated. NA Not available.]

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

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

No. 365. Synthetic Organic Pesticides—Production and Sales: 1960 to 1979

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

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Production, total	Mil. lb	**648**	**877**	**1,034**	**1,603**	**1,364**	**1,388**	**1,416**	**1,429**
Herbicides	Mil. lb	102	263	404	788	656	674	664	657
Insecticides	Mil. lb	366	490	490	660	566	570	605	617
Fungicides	Mil. lb	179	124	140	155	142	143	147	155
Production value [1]	Mil. dol	307	577	1,058	2,900	2,880	3,116	3,342	3,685
Sales, total	Mil. lb	**570**	**764**	**881**	**1,317**	**1,193**	**1,263**	**1,300**	**1,369**
Sales value [1]	Mil. dol	262	497	870	2,359	2,410	2,808	3,041	3,631

NA Not available. [1] Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1979. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

No. 366. Pesticide Residues in Human Tissue—Concentration Levels: 1970 to 1977

[**In parts per million (ppm).** Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program for Pesticides. NA=Not available.]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977
DDT	7.88	7.95	6.88	5.88	4.99	5.12	4.84	3.59
Dieldrin	.18	.22	.18	.18	.15	.17	.15	.12
Oxychlordane	(NA)	(NA)	.11	.12	.12	.14	.14	.13
Heptachlor epoxide	.09	.09	.08	.09	.08	.11	.11	.10

Source: 1970–1974, Kutz, R. W., S. C. Strassman, and A. R. Yobs, "Survey of Pesticide Residue and Their Metabolites in Humans," *Pesticide Management and Insecticide Resistance;* 1975–1977 U.S. Environmental Protection Agency, unpublished data.

No. 367. Threatened and Endangered Wildlife Species—Number: 1981

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

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total	256	210	68	13	44	3	25	1	7	50
U.S. only	15	52	7	5	29	2	23	1	7	48
U.S. and foreign	17	14	6	–	4	–	–	–	–	2
Foreign only [1]	224	144	55	8	11	1	2	–	–	–
Threatened species, total	24	3	12	3	12	5	–	–	6	10
U.S. only	3	3	8	3	12	5	–	–	4	7
U.S. and foreign	–	–	4	–	–	–	–	–	2	1
Foreign only [1]	21	–	–	–	–	–	–	–	–	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*, Feb. 1981, vol. VI, No. 2.

No. 368. Tornadoes, Floods, and Tropical Cyclones: 1946 to 1979

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

ITEM	1946–1955	1956–1965	1966–1975	1972	1973	1974	1975	1976	1977	1978	1979
Tornadoes, number [1]	2,969	6,572	8,030	741	1,102	947	920	835	852	788	852
Lives lost, total	1,751	924	1,172	27	87	361	60	44	43	53	84
Most in a single tornado	169	44	58	6	7	34	9	5	22	16	42
Property loss of $500,000 and over	130	191	428	29	76	107	42	46	46	59	73
Floods: Lives lost	808	557	1,528	540	105	121	114	187	212	120	100
Property loss (mil. dol.)	3,350	2,721	10,225	3,449	859	576	1,051	1,000	1,393	1,000	4,000
North Atlantic tropical cyclones and hurricanes: [2]											
Number reaching U.S. coast	40	33	25	3	1	1	1	2	1	2	5
Hurricanes only	21	14	13	1	–	1	1	1	1	–	3
Lives lost in U.S.	495	692	504	121	5	1	21	9	–	35	11

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

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

No. 369. Normal Daily Mean Temperature—Selected Cities

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

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	51.2	54.0	59.4	67.9	74.8	80.3	81.6	81.5	77.5	68.9	58.5	52.9	67.4
Alaska	Juneau	23.5	28.0	31.9	38.9	46.8	53.2	55.7	54.3	49.2	41.8	32.5	27.3	40.3
Ariz	Phoenix	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Ark	Little Rock	39.5	42.9	50.3	61.7	69.8	78.1	81.4	80.6	73.3	62.4	50.3	41.6	61.0
Calif	Los Angeles	54.5	55.6	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	61.7
	Sacramento	45.1	49.8	53.0	58.3	64.3	70.5	75.2	74.1	71.5	63.3	53.0	45.8	60.3
	San Francisco	48.3	51.2	53.0	55.3	58.3	61.6	62.5	63.0	64.1	61.0	55.3	49.7	56.9
Colo	Denver	29.9	32.8	37.0	47.5	57.0	66.0	73.0	71.6	62.8	52.0	39.4	32.6	50.1
Conn	Hartford	24.8	26.8	35.6	47.7	58.3	67.8	72.7	70.4	62.8	52.6	41.3	28.2	49.1
Del	Wilmington	32.0	33.6	41.6	52.3	62.4	71.4	75.8	74.1	67.9	57.2	45.7	34.7	54.0
D.C	Washington	35.6	37.3	45.1	56.4	66.2	74.6	78.7	77.1	70.6	59.8	48.0	37.4	57.3
Fla	Jacksonville	54.6	56.3	61.2	68.1	74.3	79.2	81.0	81.0	78.2	70.5	61.2	55.4	68.4
	Miami	67.2	67.8	71.3	75.0	78.0	81.0	82.3	82.9	81.7	77.8	72.2	68.3	75.5
Ga	Atlanta	42.4	45.0	51.1	61.1	69.1	75.6	78.0	77.5	72.3	62.4	51.4	43.5	60.8
Hawaii	Honolulu	72.3	72.3	73.0	74.8	76.9	78.9	80.1	80.7	80.4	78.9	76.5	73.7	76.6
Idaho	Boise	29.0	35.5	41.1	49.0	57.4	64.8	74.5	72.2	63.1	52.1	39.8	32.1	50.9
Ill	Chicago	22.9	26.1	35.7	48.8	58.4	68.1	71.9	71.1	63.7	53.8	39.2	27.1	48.9
	Peoria	23.8	27.7	37.3	51.3	61.5	71.3	75.1	73.5	65.5	55.0	39.9	28.0	50.8
Ind	Indianapolis	27.9	30.7	39.7	52.3	62.2	71.7	75.0	73.2	66.3	55.7	41.7	30.9	52.3
Iowa	Des Moines	19.4	24.2	33.9	49.5	60.9	70.5	75.1	73.3	64.3	54.3	37.8	25.0	49.0
Kans	Wichita	31.3	36.3	43.6	56.6	66.1	75.8	80.7	79.7	70.6	59.6	44.8	34.5	56.6
Ky	Louisville	33.3	35.8	44.0	55.9	64.8	73.3	76.9	75.9	69.1	58.1	45.0	35.6	55.6
La	New Orleans	52.9	55.6	60.7	68.6	75.1	80.4	81.9	81.9	78.2	69.8	60.1	54.8	68.3
Maine	Portland	21.5	22.9	31.8	42.7	52.7	62.2	68.0	66.4	58.7	49.1	38.6	25.7	45.0
Md	Baltimore	33.4	34.8	42.8	53.8	63.7	72.4	76.6	74.9	68.5	57.4	46.1	35.3	55.0
Mass	Boston	29.2	30.4	38.1	48.6	58.6	68.0	73.3	71.3	64.5	55.4	45.2	33.0	51.3
Mich	Detroit	25.5	26.9	35.4	48.1	58.4	69.1	73.3	71.9	64.5	54.3	41.1	29.6	49.9
	Sault Ste. Marie	14.2	15.2	24.0	38.2	49.0	58.7	63.8	63.2	55.3	46.2	32.8	20.1	40.0
Minn	Duluth	8.5	12.1	23.5	38.6	49.4	59.0	65.6	64.1	54.4	45.3	28.4	14.4	38.6
	Minneapolis-St. Paul	12.2	16.5	28.3	45.1	57.1	66.9	71.9	70.2	60.0	50.0	32.4	18.6	44.1
Miss	Jackson	47.1	49.8	56.1	65.7	72.7	79.4	81.7	81.2	76.0	65.8	55.3	48.9	65.0
Mo	Kansas City	27.1	32.3	40.7	54.2	64.1	73.0	77.5	76.5	68.0	57.6	42.3	31.3	53.7
	St. Louis	31.3	35.1	43.3	56.5	65.8	74.9	78.6	77.2	69.6	59.1	45.0	34.6	55.9
Mont	Great Falls	20.5	26.6	30.5	43.4	53.3	60.8	69.3	67.4	57.3	48.3	34.6	26.5	44.9
Nebr	Omaha	22.6	28.0	37.1	52.3	63.0	72.2	77.2	75.6	66.3	55.9	40.0	28.0	51.5
Nev	Reno	31.9	37.1	40.3	46.8	54.6	61.5	69.3	66.9	60.2	50.3	40.1	33.0	49.4
N.H	Concord	20.6	22.6	32.3	44.2	55.1	64.7	69.7	67.2	59.5	49.3	38.0	24.8	45.6
N.J	Atlantic City	32.7	33.9	41.1	51.7	61.6	70.3	75.1	73.4	67.1	56.7	46.0	35.1	53.7
N. Mex	Albuquerque	35.2	40.0	45.8	55.8	65.3	74.6	78.7	76.6	70.1	58.2	44.5	36.2	56.8
N.Y	Albany	21.5	23.5	33.4	46.9	57.7	67.5	72.0	69.6	61.9	51.4	39.6	25.9	47.6
	Buffalo	23.7	24.4	32.1	44.9	55.1	65.7	70.1	68.4	61.6	51.5	39.8	27.9	47.1
	New York [1]	32.2	33.4	41.1	52.1	62.3	71.6	76.6	74.9	68.4	58.7	47.4	35.5	54.5
N.C	Charlotte	42.1	44.0	50.6	60.8	68.8	75.9	78.5	77.7	72.0	61.7	51.0	42.5	60.5
	Raleigh	40.5	42.2	49.2	59.5	67.4	74.4	77.5	76.5	70.6	60.2	50.0	41.2	59.1
N. Dak	Bismarck	8.2	13.5	25.1	43.0	54.4	63.8	70.8	69.2	57.5	46.8	28.9	15.6	41.4
Ohio	Cincinnati	31.1	33.3	41.7	53.9	63.2	72.1	75.6	74.4	67.8	56.8	43.8	33.7	54.0
	Cleveland	26.9	27.9	36.1	48.3	58.3	67.9	71.4	70.0	63.9	53.8	41.6	30.3	49.7
	Columbus	28.4	30.3	39.2	51.2	61.1	70.4	73.6	71.9	65.2	54.2	41.7	30.7	51.5
Okla	Oklahoma City	36.8	41.3	48.2	60.4	68.3	76.8	81.5	81.1	73.0	62.4	49.2	40.0	59.9
Oreg	Portland	38.1	42.8	45.7	50.6	56.7	62.0	67.1	66.6	62.2	53.8	45.3	40.7	52.6
Pa	Philadelphia	32.3	33.9	41.9	52.9	63.2	72.3	76.8	74.8	68.1	57.4	46.2	35.2	54.6
	Pittsburgh	28.1	29.3	38.1	50.2	59.8	68.6	71.9	70.2	63.8	53.2	41.3	30.5	50.4
R.I	Providence	28.4	29.4	36.9	47.3	56.9	66.4	72.1	70.4	63.4	53.7	43.3	31.5	50.0
S.C	Columbia	45.4	47.6	54.2	64.1	72.1	78.8	81.2	80.2	74.5	64.2	53.8	46.0	63.5
S. Dak	Sioux Falls	14.2	19.4	30.0	46.1	57.7	67.6	73.3	71.8	60.9	50.2	33.1	20.0	45.4
Tenn	Memphis	40.5	43.8	51.0	62.5	70.9	78.6	81.6	80.4	73.6	63.0	50.9	42.7	61.6
	Nashville	38.3	41.0	48.7	60.1	68.5	76.6	79.6	78.5	72.0	60.9	48.4	40.4	59.4
Tex	Dallas-Fort Worth	44.8	48.7	55.0	65.2	72.5	80.6	84.8	84.9	77.7	67.6	55.8	47.9	65.5
	El Paso	43.6	48.4	54.6	63.9	72.2	80.3	82.3	80.5	74.2	64.0	51.6	44.4	63.4
	Houston	52.1	55.3	60.8	69.4	75.8	81.1	83.3	83.4	79.2	70.9	61.1	54.6	68.9
Utah	Salt Lake City	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Vt	Burlington	16.8	18.6	29.1	43.0	54.8	65.2	69.8	67.4	59.3	48.8	37.0	22.6	44.4
Va	Norfolk	40.5	41.4	48.1	57.8	66.7	74.5	78.3	76.9	71.8	61.7	51.6	42.3	59.3
	Richmond	37.5	39.4	46.9	57.8	66.5	74.2	77.9	76.3	70.0	59.3	49.0	39.0	57.8
Wash	Seattle-Tacoma	38.2	42.3	44.1	48.7	54.9	59.8	64.5	63.8	59.6	52.2	44.6	40.5	51.1
	Spokane	25.4	32.2	37.5	46.1	54.7	61.5	69.7	68.0	59.6	47.8	35.5	29.0	47.3
W. Va	Charleston	34.5	36.5	44.5	55.9	64.5	72.0	75.0	73.6	67.5	57.0	45.4	36.2	55.2
Wis	Milwaukee	19.4	22.5	31.4	44.7	54.2	64.5	69.9	69.2	61.1	51.0	36.5	24.2	45.7
Wyo	Cheyenne	26.6	29.0	31.6	42.7	52.4	61.3	69.1	67.6	58.2	47.9	35.5	29.2	45.9
P.R	San Juan	75.4	75.3	76.3	77.5	79.2	80.5	80.9	81.3	81.1	80.6	78.7	76.8	78.6

[1] City office data.

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

No. 370. Normal Daily Maximum Temperature—Selected Cities

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

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	61.1	64.1	69.5	78.0	85.0	89.8	90.5	90.6	86.5	79.7	69.5	63.0	77.3
Alaska	Juneau	29.1	33.9	38.2	46.5	55.4	62.0	63.6	62.3	56.1	47.2	37.3	32.0	47.0
Ariz	Phoenix	64.8	69.3	74.5	83.6	92.9	101.5	104.8	102.2	98.4	87.6	74.7	66.4	85.1
Ark	Little Rock	50.1	53.8	61.8	73.5	81.4	89.3	92.6	92.6	85.8	76.0	62.4	52.1	72.6
Calif	Los Angeles	63.5	64.1	64.3	65.9	68.4	70.3	74.8	75.8	75.7	72.9	69.6	66.5	69.2
	Sacramento	53.0	59.1	64.1	71.3	78.8	86.4	92.9	91.3	87.7	77.1	63.6	53.3	73.2
	San Francisco	55.3	58.6	61.0	63.5	66.6	70.2	70.9	71.6	73.6	70.3	63.3	56.5	65.1
Colo	Denver	43.5	46.2	50.1	61.0	70.3	80.1	87.4	85.8	77.7	66.8	53.3	46.2	64.0
Conn	Hartford	33.4	35.7	44.6	58.9	70.3	79.5	84.1	81.9	74.5	64.3	50.6	36.8	59.6
Del	Wilmington	40.2	42.2	51.1	63.0	73.1	81.6	85.5	83.9	78.2	67.8	55.2	43.0	63.7
D.C	Washington	43.5	46.0	55.0	67.1	76.6	84.6	88.2	86.6	80.2	69.8	57.2	45.2	66.7
Fla	Jacksonville	64.6	66.9	72.2	79.0	84.6	88.3	90.0	89.7	86.0	79.2	71.4	65.6	78.1
	Miami	75.6	76.6	79.5	82.7	85.3	88.0	89.1	89.9	88.3	84.6	79.9	76.6	83.0
Ga	Atlanta	51.4	54.5	61.1	71.4	79.0	84.6	86.5	86.4	81.2	72.5	61.9	52.7	70.3
Hawaii	Honolulu	79.3	79.2	79.7	81.4	83.6	85.6	86.8	87.4	87.4	85.8	83.2	80.3	83.3
Idaho	Boise	36.5	43.8	51.6	61.4	70.6	78.3	90.5	87.6	77.6	64.7	48.9	39.1	62.6
Ill	Chicago	31.1	34.3	44.6	59.4	69.7	79.1	83.1	82.3	75.4	65.5	48.3	35.0	59.0
	Peoria	31.9	36.0	46.5	61.7	72.3	81.7	85.5	84.0	76.4	65.9	48.7	35.7	60.5
Ind	Indianapolis	36.0	39.3	49.0	62.8	72.9	82.3	85.4	84.0	77.7	67.0	50.5	38.7	62.2
Iowa	Des Moines	27.5	32.5	42.5	59.7	70.9	79.8	84.9	83.2	74.6	64.9	46.4	32.8	58.3
Kans	Wichita	41.4	47.1	55.0	68.1	77.1	86.5	91.7	91.0	81.9	71.3	55.8	44.3	67.6
Ky	Louisville	42.0	45.0	54.0	66.9	75.6	83.7	87.3	86.8	80.5	70.3	54.9	44.1	65.9
La	New Orleans	62.3	65.1	70.4	78.4	84.9	89.6	90.4	90.6	86.6	79.9	70.3	64.2	77.7
Maine	Portland	31.2	33.3	40.8	52.8	63.6	73.2	79.1	77.6	69.9	60.2	47.5	34.9	55.3
Md	Baltimore	41.9	43.9	53.0	65.2	74.8	83.2	86.7	85.1	79.0	68.3	56.1	43.9	65.1
Mass	Boston	35.9	37.5	44.6	56.3	67.1	76.6	81.4	79.3	72.2	63.2	51.7	39.3	58.7
Mich	Detroit	31.7	33.7	43.1	57.6	68.5	79.1	83.1	81.6	74.2	63.4	47.7	35.4	58.3
	Sault Ste. Marie	22.0	23.7	32.5	47.2	59.4	70.0	75.1	73.4	64.5	54.8	39.0	26.8	49.0
Minn	Duluth	17.6	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
	Minneapolis-St. Paul	21.2	25.9	36.9	55.5	67.9	77.1	82.4	80.8	70.7	60.7	40.6	26.6	53.8
Miss	Jackson	58.4	61.7	68.7	78.2	85.0	91.0	92.7	92.6	88.0	80.1	68.5	60.5	77.1
Mo	Kansas City	35.7	41.4	50.7	64.7	74.2	82.8	88.0	87.2	78.8	68.2	51.4	39.3	63.5
	St. Louis	39.9	44.2	53.0	67.0	76.0	84.9	88.4	87.2	80.1	69.8	54.1	42.7	65.6
Mont	Great Falls	29.3	35.9	40.4	54.5	65.0	72.1	83.7	81.8	70.0	59.4	43.4	34.7	55.9
Nebr	Omaha	32.7	38.5	47.7	64.4	74.4	83.1	88.6	87.2	78.6	69.1	50.9	37.8	62.8
Nev	Reno	45.4	51.1	56.0	64.0	72.2	80.4	91.1	89.0	81.8	70.0	56.3	46.4	67.0
N.H	Concord	31.3	33.8	42.4	56.7	68.6	77.7	82.6	80.1	72.4	62.3	47.9	34.6	57.5
N.J	Atlantic City	41.4	42.9	50.7	62.3	72.4	80.8	84.7	83.0	77.3	67.5	55.9	44.2	63.6
N. Mex	Albuquerque	46.9	52.6	59.2	70.1	79.9	89.5	92.2	89.7	83.4	71.7	57.1	47.5	70.0
N.Y	Albany	30.4	32.7	42.6	58.0	69.7	79.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
	Buffalo	29.8	31.0	39.0	53.3	64.3	75.1	79.5	77.6	70.8	60.2	46.1	33.6	55.0
	New York [1]	38.5	40.2	48.4	60.7	71.4	80.5	85.2	83.4	76.8	66.8	54.0	41.4	62.3
N.C	Charlotte	52.1	54.9	62.2	72.7	80.2	86.4	88.3	87.4	82.0	73.1	62.4	52.5	71.2
	Raleigh	51.0	53.2	61.0	72.2	79.4	85.6	87.7	86.8	81.5	72.4	62.1	51.9	70.4
N. Dak	Bismarck	19.1	24.5	35.4	54.8	67.1	75.8	84.3	83.5	71.3	60.3	39.4	26.0	53.5
Ohio	Cincinnati	39.7	42.7	51.8	65.0	74.4	83.2	86.5	85.8	79.7	68.5	53.2	42.0	64.4
	Cleveland	33.4	35.0	44.1	58.0	68.4	78.2	81.6	80.4	74.2	63.6	48.8	36.4	58.5
	Columbus	36.4	39.2	49.3	62.8	72.9	81.9	84.8	83.7	77.6	66.4	50.9	38.7	62.1
Okla	Oklahoma City	47.6	52.6	59.8	71.6	78.7	87.0	92.6	92.5	84.7	74.2	60.9	50.7	71.1
Oreg	Portland	43.6	50.1	54.3	60.3	67.0	72.1	79.0	78.1	73.9	62.9	52.1	46.0	61.6
Pa	Philadelphia	40.1	42.2	51.2	63.5	74.1	83.0	86.8	84.8	78.4	67.9	55.5	43.2	64.2
	Pittsburgh	35.3	37.3	47.2	60.9	70.8	79.5	82.5	80.9	74.9	63.9	49.3	37.3	60.0
R.I	Providence	36.2	37.6	44.7	56.7	66.8	76.3	81.1	79.8	73.1	63.9	52.0	39.6	59.0
S.C	Columbia	56.9	59.7	66.5	76.9	84.5	90.3	92.0	91.0	85.4	77.1	66.9	57.9	75.4
S. Dak	Sioux Falls	24.6	29.7	39.7	57.8	69.7	78.9	85.1	83.8	73.0	62.7	43.5	29.6	56.5
Tenn	Memphis	49.4	53.1	60.8	72.7	81.2	88.7	91.6	90.6	84.3	74.9	61.5	51.7	71.7
	Nashville	47.6	50.9	59.2	71.3	79.8	87.5	90.2	89.2	83.5	73.2	59.0	49.6	70.1
Tex	Dallas-Fort Worth	55.7	59.8	66.6	76.3	82.8	90.8	95.5	96.1	88.5	79.2	67.5	58.7	76.5
	El Paso	57.0	62.5	68.9	78.5	87.2	94.9	94.6	92.8	87.4	78.5	66.1	57.8	77.2
	Houston	62.6	66.0	71.8	79.4	85.9	91.3	93.8	94.3	90.1	83.5	73.0	65.8	79.8
Utah	Salt Lake City	37.4	43.4	50.8	61.8	72.4	81.3	92.8	90.2	80.3	66.4	50.0	39.0	63.8
Vt	Burlington	25.9	28.2	38.0	53.3	66.1	76.5	81.0	78.3	70.0	58.7	44.3	30.3	54.2
Va	Norfolk	48.8	50.0	57.3	67.7	76.2	83.5	86.6	84.9	79.6	70.1	60.5	50.6	68.0
	Richmond	47.4	49.9	58.2	70.3	78.4	85.4	88.2	86.6	80.9	71.2	60.6	49.1	68.8
Wash	Seattle-Tacoma	43.4	48.5	51.5	57.0	64.1	69.0	75.1	73.8	68.7	59.4	50.4	45.4	58.8
	Spokane	31.1	39.0	46.2	57.0	66.5	73.6	84.3	81.9	72.5	58.1	41.8	33.9	57.2
W. Va	Charleston	43.6	46.2	55.2	67.9	76.6	83.4	85.6	84.4	79.0	69.1	55.8	45.2	66.0
Wis	Milwaukee	27.3	30.3	39.4	54.6	65.0	75.3	80.4	79.7	71.5	61.4	44.4	31.5	55.1
Wyo	Cheyenne	38.2	40.7	43.5	55.4	65.1	74.4	83.7	81.9	72.8	61.8	47.5	40.3	58.8
P.R	San Juan	81.9	82.1	83.6	84.4	85.6	87.0	87.0	87.5	87.6	87.4	85.0	83.1	85.2

[1] City office data.

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

No. 371. Normal Daily Minimum Temperature—Selected Cities

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

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	41.3	43.9	49.2	57.7	64.5	70.7	72.6	72.3	68.4	58.0	47.5	42.8	57.4
Alaska	Juneau	17.8	22.1	25.6	31.3	38.2	44.4	47.7	46.2	42.3	36.4	27.6	22.5	33.5
Ariz.	Phoenix	37.6	40.8	44.8	51.8	59.6	67.7	77.5	76.0	69.1	56.8	44.8	38.5	55.4
Ark.	Little Rock	28.9	31.9	38.7	49.9	58.1	66.8	70.1	68.6	60.8	48.7	38.1	31.1	49.3
Calif.	Los Angeles	45.4	47.0	48.6	51.7	55.3	58.6	62.1	63.2	61.6	57.5	51.3	47.3	54.1
	Sacramento	37.1	40.4	41.9	45.3	49.8	54.6	57.5	56.9	55.3	49.5	42.4	38.3	47.4
	San Francisco	41.2	43.8	44.9	47.0	49.9	53.0	54.0	54.3	54.5	51.6	47.2	42.9	48.7
Colo.	Denver	16.2	19.4	23.8	33.9	43.6	51.9	58.6	57.4	47.8	37.2	25.4	18.9	36.2
Conn.	Hartford	16.1	17.9	26.6	36.5	46.2	56.0	61.2	58.9	51.0	40.8	31.9	19.6	38.6
Del.	Wilmington	23.8	24.9	32.0	41.5	51.6	61.1	66.1	64.3	57.6	46.5	36.2	26.3	44.3
D.C.	Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.8	29.5	47.8
Fla.	Jacksonville	44.5	45.7	50.1	57.1	63.9	70.0	72.0	72.3	70.4	61.7	51.0	45.1	58.7
	Miami	58.7	59.0	63.0	67.3	70.7	73.9	75.5	75.8	75.0	71.0	64.5	60.0	67.9
Ga.	Atlanta	33.4	35.5	41.1	50.7	59.2	66.6	69.4	68.6	63.4	52.3	40.8	34.3	51.3
Hawaii	Honolulu	65.3	65.3	66.3	68.1	70.2	72.2	73.4	74.0	73.4	72.0	69.8	67.1	69.8
Idaho	Boise	21.4	27.2	30.5	36.5	44.1	51.2	58.5	56.7	48.5	39.4	30.7	25.0	39.1
Ill.	Chicago	14.7	17.8	26.7	38.2	47.0	57.0	60.7	59.9	52.0	42.0	30.1	19.2	38.8
	Peoria	15.7	19.3	28.1	40.8	50.7	60.9	64.6	62.9	54.6	44.0	31.1	20.3	41.1
Ind.	Indianapolis	19.7	22.1	30.3	41.8	51.5	61.1	64.6	62.4	54.9	44.3	32.8	23.1	42.4
Iowa	Des Moines	11.3	15.8	25.2	39.2	50.9	61.1	65.3	63.4	54.0	43.6	29.2	17.2	39.7
Kans.	Wichita	21.2	25.4	32.1	45.1	55.0	65.0	69.6	68.3	59.2	47.9	33.8	24.6	45.6
Ky.	Louisville	24.5	26.5	34.0	44.8	53.9	62.9	66.4	64.9	57.7	45.9	35.1	27.1	45.3
La.	New Orleans	43.5	46.0	50.9	58.8	65.3	71.2	73.3	73.1	69.7	59.6	49.8	45.3	58.9
Maine	Portland	11.7	12.5	22.8	32.5	41.7	51.1	56.9	55.2	47.4	38.0	29.7	16.4	34.7
Md.	Baltimore	24.9	25.7	32.5	42.4	52.5	61.6	66.5	64.7	57.9	46.4	36.0	26.6	44.8
Mass.	Boston	22.5	23.3	31.5	40.8	50.1	59.3	65.1	63.3	56.7	47.5	38.7	26.6	43.8
Mich.	Detroit	19.2	20.1	27.6	38.6	48.3	59.1	63.4	62.1	54.8	45.2	34.4	23.8	41.4
	Sault Ste. Marie	6.4	6.7	15.5	29.2	38.5	47.3	52.5	52.9	46.1	37.6	26.5	13.3	31.0
Minn.	Duluth	−.6	2.0	14.4	29.3	38.8	48.3	54.7	53.7	44.8	36.2	21.4	6.3	29.1
	Minneapolis-St. Paul	3.2	7.1	19.6	34.7	46.3	56.7	61.4	59.6	49.3	39.2	24.2	10.6	34.3
Miss.	Jackson	35.8	37.8	43.4	53.1	60.4	67.7	70.6	69.8	64.0	51.5	42.0	37.3	52.8
Mo.	Kansas City	18.4	23.1	30.6	43.7	54.0	63.2	66.9	65.8	57.1	46.9	33.1	23.3	43.8
	St. Louis	22.6	26.0	33.5	46.0	55.5	64.8	68.8	67.1	59.1	48.4	35.9	26.5	46.2
Mont.	Great Falls	11.6	17.2	20.6	32.3	41.5	49.5	54.9	53.0	44.6	37.1	25.7	18.2	33.8
Nebr.	Omaha	12.4	17.4	26.4	40.1	51.5	61.3	65.8	64.0	54.0	42.6	29.1	18.1	40.2
Nev.	Reno	18.3	23.0	24.6	29.6	37.0	42.5	47.4	44.8	38.6	30.5	23.9	19.6	31.7
N.H.	Concord	9.9	11.3	22.1	31.7	41.5	51.6	56.7	54.2	46.5	36.3	28.1	14.9	33.7
N.J.	Atlantic City	24.0	24.9	31.5	41.0	50.7	59.7	65.4	63.8	56.8	45.9	36.1	26.0	43.8
N. Mex.	Albuquerque	23.5	27.4	32.3	41.4	50.7	59.7	65.2	63.4	56.7	44.7	31.8	24.9	43.5
N.Y.	Albany	12.5	14.3	24.2	35.7	45.7	55.6	60.1	57.8	50.1	40.0	31.1	17.7	37.1
	Buffalo	17.6	17.7	25.2	36.4	45.9	56.3	60.7	59.1	52.3	42.7	33.5	22.2	39.1
	New York [1]	25.9	26.5	33.7	43.5	53.1	62.6	68.0	66.4	59.9	50.6	40.8	29.5	46.7
N.C.	Charlotte	32.1	33.1	39.0	48.9	57.4	65.3	68.7	67.9	61.9	50.3	39.6	32.4	49.7
	Raleigh	30.0	31.1	37.4	46.7	55.4	63.1	67.2	66.2	59.7	48.0	37.8	30.5	47.8
N. Dak.	Bismarck	−2.8	2.4	14.7	31.1	41.7	51.8	57.3	54.9	43.7	33.2	18.3	5.2	29.3
Ohio	Cincinnati	22.4	23.8	31.6	42.7	51.9	61.0	64.6	63.0	55.9	45.0	34.3	25.3	43.5
	Cleveland	20.3	20.8	28.1	38.5	48.1	57.5	61.2	59.6	53.5	43.9	34.4	24.1	40.8
	Columbus	20.4	21.4	29.1	39.5	49.3	58.9	62.4	60.1	52.7	42.0	32.4	22.7	40.9
Okla.	Oklahoma City	26.0	30.0	36.5	49.1	57.9	66.6	70.4	69.6	61.3	50.6	37.4	29.2	48.7
Oreg.	Portland	32.5	35.5	37.0	40.8	46.3	51.8	55.2	55.0	50.5	44.7	38.5	35.3	43.6
Pa.	Philadelphia	24.4	25.5	32.5	42.3	52.3	61.6	66.7	64.7	57.8	46.9	36.9	27.2	44.9
	Pittsburgh	20.8	21.3	29.0	39.4	48.7	57.7	61.3	59.4	52.7	42.4	33.3	23.6	40.8
R.I.	Providence	20.6	21.2	29.0	37.8	46.9	56.5	63.0	61.0	53.6	43.4	34.6	23.4	40.9
S.C.	Columbia	33.9	35.5	41.9	51.3	59.6	67.2	70.3	69.4	63.5	51.3	40.6	34.1	51.5
S. Dak.	Sioux Falls	3.7	9.0	20.2	34.4	45.7	56.3	61.5	59.8	48.7	37.6	22.7	10.4	34.2
Tenn.	Memphis	31.6	34.4	41.1	52.3	60.6	68.5	71.5	70.1	62.8	51.1	40.3	33.7	51.5
	Nashville	29.0	31.0	38.1	48.8	57.3	65.7	69.0	67.7	60.5	48.6	37.7	31.1	48.7
Tex.	Dallas-Fort Worth	33.9	37.6	43.3	54.1	62.1	70.3	74.0	73.7	66.8	56.0	44.1	37.0	54.4
	El Paso	30.2	34.3	40.3	49.3	57.2	65.7	69.9	68.2	61.0	49.5	37.0	30.9	49.5
	Houston	41.5	44.6	49.8	59.3	65.6	70.9	72.8	72.4	68.2	58.3	49.1	43.4	58.0
Utah	Salt Lake City	18.5	23.3	28.3	36.6	44.2	51.1	60.5	58.7	49.3	38.4	28.1	21.5	38.2
Vt.	Burlington	7.6	8.9	20.1	32.6	43.5	53.9	58.5	56.4	48.6	38.8	29.7	14.8	34.5
Va.	Norfolk	32.2	32.7	38.9	47.9	57.2	65.5	69.9	68.9	63.9	53.3	42.6	34.0	50.6
	Richmond	27.6	28.8	35.5	45.2	54.5	62.9	67.5	65.9	59.0	47.4	37.3	28.8	46.7
Wash.	Seattle-Tacoma	33.0	36.0	36.6	40.3	45.6	50.6	53.8	53.7	50.4	44.9	38.8	35.5	43.3
	Spokane	19.6	25.3	28.8	35.2	42.8	49.4	55.1	54.0	46.7	37.5	29.2	24.0	37.3
W. Va.	Charleston	25.3	26.8	33.8	43.8	52.3	60.6	64.3	62.8	55.9	44.8	35.0	27.2	44.4
Wis.	Milwaukee	11.4	14.6	23.4	34.7	43.3	53.6	59.3	58.7	50.7	40.6	28.5	16.8	36.3
Wyo.	Cheyenne	14.9	17.3	19.6	30.0	39.7	48.1	54.5	53.2	43.5	33.9	23.5	18.1	33.0
P.R.	San Juan	68.8	68.4	68.9	70.6	72.8	74.0	74.8	75.1	74.6	73.7	72.3	70.5	72.0

[1] City office data.

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

NO. 372. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[**In Fahrenheit degrees.** Airport data unless otherwise noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	38	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska	Juneau	36	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz	Phoenix	42	88	89	95	104	113	117	118	116	118	104	93	88	118
Ark	Little Rock	38	83	83	91	92	98	104	107	108	106	97	86	80	108
Calif	Los Angeles	44	88	92	93	95	97	103	97	98	110	106	101	94	110
	Sacramento	29	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco	52	72	78	85	88	96	106	104	98	103	95	85	75	106
Colo	Denver	45	72	76	84	85	96	104	104	101	97	88	79	74	104
Conn	Hartford	25	65	70	87	96	97	100	102	101	96	91	81	66	102
Del	Wilmington	32	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C	Washington	38	79	82	89	95	97	101	103	100	100	94	86	75	103
Fla	Jacksonville	38	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	37	87	89	92	96	94	98	96	98	95	92	89	87	98
Ga	Atlanta	31	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii	Honolulu	10	87	87	88	89	90	90	91	92	92	93	89	89	93
Idaho	Boise	40	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill	Chicago	21	61	71	80	87	93	97	98	96	99	91	78	67	99
	Peoria	40	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind	Indianapolis	40	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa	Des Moines	40	62	73	84	90	98	101	105	102	101	95	76	69	105
Kans	Wichita	27	75	84	89	96	100	106	113	110	105	95	81	83	113
Ky	Louisville	32	77	77	85	91	95	102	105	101	104	92	84	73	105
La	New Orleans	33	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine	Portland	39	64	64	86	85	92	97	99	103	95	88	74	64	103
Md	Baltimore	29	75	76	87	94	98	100	102	102	99	92	83	74	102
Mass	Boston	28	63	68	81	94	95	100	102	102	100	90	77	70	102
Mich	Detroit	45	67	68	82	87	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	39	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn	Duluth	38	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St.Paul	41	58	59	83	92	96	100	104	102	98	89	75	63	104
Miss	Jackson	16	82	84	88	92	99	103	102	99	98	91	88	84	103
Mo	Kansas City	7	61	74	82	85	91	98	107	104	98	92	82	67	107
	St. Louis	22	76	85	88	92	92	98	106	105	100	94	82	76	106
Mont	Great Falls	42	62	67	78	87	90	99	105	106	98	91	76	69	106
Nebr	Omaha	43	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev	Reno	38	70	74	83	88	95	101	104	103	101	91	77	70	104
N.H	Concord	38	68	66	85	95	97	98	102	101	98	90	80	67	102
N.J	Atlantic City	36	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex	Albuquerque	40	69	75	85	89	95	105	105	101	100	91	77	72	105
N.Y	Albany	33	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo	36	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York [1]	111	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C	Charlotte	40	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	35	79	84	92	93	97	104	105	101	104	98	88	79	105
N. Dak	Bismarck	40	54	68	81	92	98	100	109	109	105	95	75	65	109
Ohio	Cincinnati	18	69	73	82	89	93	97	100	102	98	88	80	70	102
	Cleveland	38	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus	40	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla	Oklahoma City	26	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg	Portland	39	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa	Philadelphia	38	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	27	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I	Providence	26	66	69	78	98	94	95	100	104	93	86	78	69	104
S.C	Columbia	32	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak	Sioux Falls	34	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn	Memphis	38	78	81	85	91	99	104	106	105	103	95	85	79	106
	Nashville	40	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex	Dallas-Fort Worth	26	88	88	96	95	98	105	109	108	105	102	89	88	109
	El Paso	40	80	83	88	98	104	111	112	105	103	96	84	80	112
	Houston	10	84	84	90	89	95	101	102	101	97	93	89	83	102
Utah	Salt Lake City	51	61	69	78	85	93	104	107	104	100	89	75	67	107
Vt	Burlington	36	63	60	84	91	93	96	99	101	94	85	75	62	101
Va	Norfolk	31	78	81	85	97	97	101	103	102	98	95	86	80	103
	Richmond	50	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash	Seattle-Tacoma	35	61	70	72	85	93	96	98	99	93	81	74	61	99
	Spokane	32	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va	Charleston	32	79	78	87	91	93	98	102	100	102	92	85	80	102
Wis	Milwaukee	39	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo	Cheyenne	44	63	71	73	82	90	100	100	96	93	83	73	69	100
P.R	San Juan	25	90	92	93	94	94	96	93	96	95	95	93	90	96

[1] City office data.

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

No. 373. Lowest Temperature of Record—Selected Cities

[**In Fahrenheit degrees.** Airport data unless otherwise noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	38	7	11	21	36	43	56	60	59	42	32	22	10	7
Alaska	Juneau	36	−22	−22	−15	6	25	31	36	27	23	12	−5	−21	−22
Ariz	Phoenix	42	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark	Little Rock	38	−4	−5	11	28	40	46	54	52	37	31	17	−1	−5
Calif	Los Angeles	44	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	29	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	52	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo	Denver	45	−25	−30	−11	−2	22	30	43	41	20	3	−8	−18	−30
Conn	Hartford	25	−26	−21	−6	9	28	37	44	36	30	17	12	−9	−26
Del	Wilmington	32	−4	−6	7	22	30	41	50	46	36	24	14	3	−6
D.C	Washington	38	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla	Jacksonville	38	19	19	25	35	45	56	61	64	50	36	21	12	12
	Miami	37	31	32	37	46	53	65	69	68	69	51	39	34	31
Ga	Atlanta	31	−3	5	10	26	37	46	53	56	36	28	3	1	−3
Hawaii	Honolulu	10	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho	Boise	40	−17	−12	6	19	26	33	41	37	23	11	−3	−23	−23
Ill	Chicago	21	−20	−17	−8	13	24	36	40	41	28	19	1	−17	−20
	Peoria	40	−25	−18	−10	17	25	39	47	43	26	19	−2	−18	−25
Ind	Indianapolis	40	−20	−19	−6	16	28	39	44	41	28	17	−2	−15	−20
Iowa	Des Moines	40	−24	−20	−22	9	30	38	47	40	26	14	−3	−16	−24
Kans	Wichita	27	−12	−7	−2	15	31	43	51	48	35	21	1	−5	−12
Ky	Louisville	32	−20	−19	−1	24	31	42	50	49	33	23	−1	−9	−20
La	New Orleans	33	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine	Portland	39	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
Md	Baltimore	29	−7	−3	6	20	32	40	51	48	35	25	13	0	−7
Mass	Boston	28	−12	−4	6	17	34	46	54	47	38	28	17	−4	−12
Mich	Detroit	45	−13	−16	−1	14	30	38	42	43	32	24	5	−5	−16
	Sault Ste. Marie	39	−30	−35	−24	1	18	28	36	32	25	16	−10	−24	−35
Minn	Duluth	38	−39	−32	−28	−5	17	27	36	33	22	8	−23	−33	−39
	Minneapolis-St. Paul	41	−34	−28	−32	2	18	34	43	39	26	15	−17	−24	−34
Miss	Jackson	16	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo	Kansas City	7	−13	−12	−10	12	30	49	52	50	39	21	1	−11	−13
	St. Louis	22	−14	−10	−5	22	31	43	51	47	36	23	1	−10	−14
Mont	Great Falls	42	−37	−35	−29	−6	15	31	40	35	23	−3	−23	−43	−43
Nebr	Omaha	43	−22	−19	−16	5	27	39	44	43	30	13	−9	−15	−22
Nev	Reno	38	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
N.H	Concord	38	−30	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
N.J	Atlantic City	36	−10	−11	7	12	25	37	46	40	32	23	11	−7	−11
N. Mex	Albuquerque	40	−17	−5	8	19	28	42	54	52	37	25	−7	3	−17
N.Y	Albany	33	−28	−21	−21	10	26	36	40	37	24	16	5	−22	−28
	Buffalo	36	−12	−20	−4	12	26	35	43	38	32	20	9	−4	−20
	New York [1]	111	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
N.C	Charlotte	40	−3	5	10	24	32	45	53	53	39	24	11	2	−3
	Raleigh	35	−1	5	11	23	31	38	48	46	39	19	11	4	−1
N. Dak	Bismarck	40	−44	−37	−31	−12	15	30	35	33	11	5	−29	−43	−44
Ohio	Cincinnati	18	−25	−10	−4	17	27	39	47	43	33	16	1	−11	−25
	Cleveland	38	−19	−15	−5	10	25	31	41	41	32	22	3	−11	−19
	Columbus	40	−19	−13	−2	18	25	35	43	39	31	20	5	−10	−19
Okla	Oklahoma City	26	−4	−3	3	20	39	47	53	51	37	22	11	1	−4
Oreg	Portland	39	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
Pa	Philadelphia	38	−5	−4	7	24	28	44	51	45	35	25	15	1	−5
	Pittsburgh	27	−18	−12	−1	15	26	34	42	40	31	16	−1	−7	−18
R.I	Providence	26	−13	−7	1	14	29	41	49	40	34	20	14	−5	−13
S.C	Columbia	32	5	5	18	29	34	45	54	53	40	23	12	4	4
S. Dak	Sioux Falls	34	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
Tenn	Memphis	38	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	40	−15	−13	5	24	34	42	51	47	36	26	−1	−7	−15
Tex	Dallas-Ft. Worth	26	4	9	17	30	41	51	59	56	46	29	20	10	4
	El Paso	40	−8	8	14	24	31	48	57	56	41	25	1	5	−8
	Houston	10	17	21	25	31	44	52	62	62	48	33	19	20	17
Utah	Salt Lake City	51	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
Vt	Burlington	36	−30	−30	−20	2	24	33	39	35	25	15	−2	−23	−30
Va	Norfolk	31	5	8	20	28	36	45	54	52	45	27	20	14	5
	Richmond	50	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
Wash	Seattle-Tacoma	35	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	32	−22	−17	−3	17	24	34	38	35	25	13	−11	−25	−25
W. Va	Charleston	32	−12	−6	5	19	26	33	46	41	34	17	6	−2	−12
Wis	Milwaukee	39	−24	−19	−10	13	21	33	40	44	28	21	−5	−15	−24
Wyo	Cheyenne	44	−27	−34	−21	−8	16	25	38	36	18	2	−13	−24	−34
P.R	San Juan	25	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. 374. Normal Monthly and Annual Precipitation—Selected Cities

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

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

[1] City office data.

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

No. 375. Average Number of Days With Precipitation of .01 Inch or More—Selected Cities

[Airport data, except as noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	38	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska	Juneau	36	17	17	18	17	17	16	17	17	20	24	19	21	220
Ariz.	Phoenix	40	4	4	3	2	1	1	4	5	3	3	2	4	36
Ark.	Little Rock	37	10	9	10	10	10	8	9	7	7	6	8	9	103
Calif.	Los Angeles	44	6	6	6	3	1	1	1	(z)	1	2	3	5	35
	Sacramento	40	10	9	8	6	3	1	(z)	(z)	1	3	7	9	57
	San Francisco	52	11	10	9	6	3	1	(z)	1	1	4	7	10	63
Colo.	Denver	45	6	6	9	9	10	9	9	8	6	5	5	5	87
Conn.	Hartford	25	11	11	11	11	12	11	10	10	10	8	11	12	128
Del.	Wilmington	32	11	10	11	11	12	10	9	10	8	8	10	10	120
D.C.	Washington	38	11	9	11	10	11	9	10	9	8	7	8	9	112
Fla.	Jacksonville	38	8	8	8	6	9	12	15	14	14	8	6	8	116
	Miami	37	7	6	6	6	11	15	16	17	17	15	8	7	131
Ga.	Atlanta	45	12	10	12	9	9	10	12	9	7	6	8	10	114
Hawaii	Honolulu	30	10	10	9	9	7	6	7	7	7	9	10	10	101
Idaho	Boise	40	13	10	9	8	8	6	2	3	4	6	10	11	90
Ill.	Chicago	21	11	10	13	12	11	10	10	9	10	9	10	11	126
	Peoria	40	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind.	Indianapolis	40	12	10	13	12	12	10	9	9	8	8	10	12	125
Iowa	Des Moines	40	7	7	10	11	11	11	9	9	9	7	7	8	106
Kans.	Wichita	26	6	5	7	8	11	9	8	7	8	6	5	6	86
Ky.	Louisville	32	12	11	13	12	11	10	11	8	8	7	10	11	124
La.	New Orleans	31	10	9	9	7	8	10	15	13	10	5	7	10	113
Maine	Portland	39	11	10	11	12	13	11	9	9	8	9	12	11	126
Md.	Baltimore	29	11	9	11	11	11	9	9	10	7	7	9	9	113
Mass.	Boston	28	12	11	12	11	12	10	9	10	9	9	11	12	128
Mich.	Detroit	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie	38	19	15	13	11	11	12	10	11	13	13	18	19	165
Minn.	Duluth	38	12	10	11	11	13	13	11	11	11	9	11	12	135
	Minneapolis-St. Paul	41	9	7	10	10	11	12	10	10	9	8	8	9	113
Miss.	Jackson	16	12	9	11	9	9	8	11	10	9	5	8	10	111
Mo.	Kansas City	7	9	6	10	11	11	9	7	9	8	7	7	7	101
	St. Louis	22	9	8	12	11	11	9	9	8	8	8	9	10	112
Mont.	Great Falls	42	9	8	9	9	11	12	7	7	7	6	7	8	100
Nebr.	Omaha	43	7	7	9	10	12	10	9	9	8	6	5	6	98
Nev.	Reno	37	6	6	6	4	5	3	3	2	2	3	5	6	51
N.H.	Concord	38	11	10	11	11	12	11	10	10	9	9	11	11	126
N.J.	Atlantic City	36	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex.	Albuquerque	40	4	4	4	3	4	4	9	9	5	5	3	4	58
N.Y.	Albany	33	13	11	12	12	13	11	11	10	10	9	12	12	136
	Buffalo	36	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York [1]	111	11	10	11	11	11	10	10	10	8	8	9	10	119
N.C.	Charlotte	40	10	10	12	9	10	10	12	10	7	7	8	10	115
	Raleigh	35	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak.	Bismarck	40	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio	Cincinnati	32	12	11	13	13	12	11	10	9	8	8	11	12	130
	Cleveland	38	16	15	16	14	13	11	10	10	10	11	15	16	157
	Columbus	40	14	12	14	13	13	11	11	9	9	8	11	12	137
Okla.	Oklahoma City	40	5	6	7	8	10	9	7	6	7	6	5	5	81
Oreg.	Portland	39	19	16	17	14	12	9	4	5	8	13	17	19	153
Pa.	Philadelphia	39	11	9	11	11	11	10	9	9	8	8	9	10	116
	Pittsburgh	27	17	14	16	13	12	11	11	10	9	10	13	16	152
R.I.	Providence	26	11	10	12	11	11	11	9	10	8	8	11	12	124
S.C.	Columbia	32	10	10	11	8	9	10	12	11	8	6	7	9	111
S. Dak.	Sioux Falls	34	6	6	8	9	10	11	9	9	8	6	6	6	94
Tenn.	Memphis	29	10	10	11	10	9	8	9	8	7	6	8	10	106
	Nashville	38	12	11	12	11	11	10	10	9	8	7	9	11	121
Tex.	Dallas-Fort Worth	26	7	7	7	9	8	6	5	5	7	5	6	6	78
	El Paso	40	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	10	12	7	10	7	8	7	11	11	10	7	8	9	107
Utah	Salt Lake City	51	10	9	10	10	8	5	4	6	5	6	7	9	89
Vt.	Burlington	36	14	12	13	12	13	12	12	12	12	11	14	15	152
Va.	Norfolk	31	10	10	11	10	10	9	11	11	8	8	8	9	115
	Richmond	42	11	9	11	9	11	10	11	10	8	7	8	9	114
Wash.	Seattle-Tacoma	35	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane	32	15	12	11	9	9	8	4	5	6	8	12	16	115
W. Va.	Charleston	32	16	14	15	14	13	11	13	11	9	10	12	14	152
Wis.	Milwaukee	39	11	9	12	12	12	11	10	9	9	9	10	11	125
Wyo.	Cheyenne	44	6	6	9	10	12	11	11	9	7	5	6	5	97
P.R.	San Juan	24	17	13	12	13	17	17	19	19	18	17	18	19	199

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

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

No. 376. Average Total Snow and Ice Pellets—Selected Cities

[**In inches.** Airport data, except as noted. For period of record through 1979. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	38	.2	.2	T	-	-	-	-	-	-	-	T	.1	.5
Alaska	Juneau	36	25.0	20.6	18.1	4.5	.1	T	-	-	T	1.2	11.9	24.7	106.1
Ariz	Phoenix	42	T	T	T	T	-	-	-	-	-	-	-	T	T
Ark	Little Rock	37	2.4	1.5	.5	T	-	-	-	-	-	-	.2	.9	5.5
Calif	Los Angeles	44	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	31	T	.1	-	-	-	-	-	-	-	-	-	T	.1
	San Francisco	52	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo	Denver	45	8.0	7.7	12.8	9.4	1.9	T	-	-	1.7	3.8	8.0	6.6	59.9
Conn	Hartford	25	12.7	12.8	11.7	1.6	.1	-	-	-	-	.1	1.7	12.2	52.9
Del	Wilmington	32	6.2	6.6	3.8	.1	T	-	-	-	-	.1	1.1	3.7	21.6
D.C	Washington	36	4.8	5.5	2.4	T	T	-	-	-	-	T	.7	3.5	16.9
Fla	Jacksonville	38	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	37	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga	Atlanta	45	.7	.5	.2	T	-	-	-	-	-	-	T	.2	1.6
Hawaii	Honolulu	33	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	40	7.5	3.9	2.0	.8	.1	T	T	-	-	.1	1.8	5.2	21.4
Ill	Chicago	21	11.3	7.5	7.2	1.7	.1	-	-	-	T	.4	2.1	9.4	39.7
	Peoria	36	6.6	4.7	4.6	.6	T	-	-	-	-	.1	2.3	6.0	24.9
Ind	Indianapolis	48	6.1	5.2	3.7	.5	T	-	-	-	-	T	2.1	4.8	22.4
Iowa	Des Moines	40	8.6	7.3	6.8	1.7	T	-	-	-	T	.1	2.7	6.4	33.6
Kans	Wichita	26	4.7	3.9	2.9	.4	-	-	-	-	-	T	1.0	3.0	15.9
Ky	Louisville	32	6.2	4.4	3.9	.1	-	-	-	-	-	T	1.5	2.3	18.4
La	New Orleans	33	T	.1	T	-	-	-	-	-	-	-	T	.1	.2
Maine	Portland	39	19.6	18.9	13.5	3.0	.2	-	-	-	T	.3	3.3	15.7	74.5
Md	Baltimore	29	5.3	7.1	4.6	.1	T	-	-	-	-	T	1.2	4.1	22.4
Mass	Boston	44	12.7	12.0	8.1	.7	T	-	-	-	-	T	1.2	7.9	42.6
Mich	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7
	Sault Ste. Marie	38	27.3	19.4	15.1	5.2	.6	T	-	-	.1	2.3	15.0	27.0	112.0
Minn	Duluth	36	16.8	12.1	14.0	6.7	.9	T	-	T	T	1.1	10.0	15.5	77.1
	Minneapolis-St. Paul	41	9.3	8.3	10.6	2.5	.2	-	-	-	T	.4	6.2	9.0	46.5
Miss	Jackson	16	.5	.2	.3	T	-	-	-	-	-	-	T	T	1.0
Mo	Kansas City	45	6.0	3.9	3.9	.7	T	-	-	-	-	T	1.1	4.4	20.0
	St. Louis	43	5.4	4.3	4.6	.2	T	-	-	-	-	T	1.4	3.6	19.5
Mont	Great Falls	42	10.2	8.5	9.8	7.5	1.4	.4	T	-	1.3	2.9	7.5	8.7	58.2
Nebr	Omaha	44	8.4	7.3	6.7	.9	.1	-	-	-	T	.4	2.4	5.7	31.9
Nev	Reno	37	6.2	5.3	5.0	1.5	1.0	T	-	-	T	.3	1.7	4.9	25.9
N.H	Concord	38	18.4	15.0	11.3	2.3	.2	-	-	-	-	.1	4.0	14.1	65.4
N.J	Atlantic City	35	5.1	5.8	3.1	.2	T	-	-	-	-	T	.4	2.4	17.0
N. Mex	Albuquerque	40	2.4	2.0	2.0	.5	T	-	-	-	T	T	1.1	2.6	10.6
N.Y	Albany	33	16.1	15.0	11.6	2.6	.1	-	-	-	-	.1	4.3	16.0	65.8
	Buffalo	36	24.5	18.5	11.8	3.3	.1	-	-	-	T	.3	12.9	22.3	93.7
	New York [1]	111	7.7	8.8	5.1	.9	T	-	-	-	-	T	.9	5.8	29.2
N.C	Charlotte	40	2.0	1.6	1.2	T	-	-	-	-	-	-	.1	.6	5.5
	Raleigh	35	2.5	2.5	1.3	T	-	-	-	-	-	-	.2	.8	7.3
N. Dak	Bismarck	40	7.0	6.5	8.0	3.8	1.0	T	-	-	.2	1.2	5.2	6.6	39.5
Ohio	Cincinnati	32	7.9	5.2	4.8	.5	T	-	-	-	-	.1	2.7	3.7	24.9
	Cleveland	38	11.7	11.1	9.7	2.0	.1	-	-	-	T	.7	5.5	11.2	52.0
	Columbus	32	8.7	6.1	4.8	.7	T	-	-	-	T	T	2.7	5.6	28.6
Okla	Oklahoma City	40	3.0	2.6	1.6	T	-	-	-	-	-	T	.5	1.6	9.3
Oreg	Portland	39	4.0	.7	.5	T	T	-	-	-	T	T	.5	1.5	7.2
Pa	Philadelphia	37	6.3	6.8	3.8	.2	T	-	-	-	-	.1	.7	4.0	21.9
	Pittsburgh	27	12.6	10.2	8.7	1.5	.2	-	-	-	-	.2	3.9	8.3	45.6
R.I	Providence	26	9.9	10.7	8.9	.6	.3	-	-	-	-	.2	.5	7.1	38.2
S.C	Columbia	32	.3	.9	.2	-	-	-	-	-	-	-	T	.3	1.7
S. Dak	Sioux Falls	34	6.5	9.1	10.2	1.6	T	-	-	-	T	.5	4.3	7.4	39.6
Tenn	Memphis	29	2.2	1.4	1.1	T	-	-	-	-	-	-	.1	.9	5.7
	Nashville	38	4.3	3.1	1.7	.1	-	-	-	-	-	-	.6	1.9	11.7
Tex	Dallas-Fort Worth	26	1.6	1.2	.3	-	-	-	-	-	-	-	.2	.2	3.5
	El Paso	40	1.3	.8	.4	T	-	-	-	-	-	T	1.1	1.0	4.6
	Houston	45	.2	.2	T	-	-	-	-	-	-	-	T	T	.4
Utah	Salt Lake City	51	13.3	9.8	10.2	5.0	.7	T	-	-	.1	1.0	6.4	11.9	58.4
Vt	Burlington	36	19.1	17.3	12.1	3.6	.2	-	-	-	T	.3	7.1	19.4	79.1
Va	Norfolk	31	3.0	2.4	.9	T	-	-	-	-	-	-	T	1.1	7.4
	Richmond	42	5.0	3.8	2.8	.1	-	-	-	-	-	T	.4	2.0	14.1
Wash	Seattle-Tacoma	35	6.4	1.5	1.6	.1	T	-	-	-	T	.1	1.2	3.1	14.0
	Spokane	32	18.3	7.6	4.6	.6	.1	T	-	-	-	.5	6.0	15.4	53.1
W. Va	Charleston	32	10.4	8.3	4.6	.4	T	-	-	-	-	.2	2.8	4.9	31.6
Wis	Milwaukee	39	13.1	9.1	9.3	1.7	T	-	-	-	T	.1	3.1	10.4	46.8
Wyo	Cheyenne	44	5.8	5.6	11.9	9.0	3.7	.3	-	-	.7	3.3	6.6	5.7	52.6
P.R	San Juan	24	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data.

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

No. 377. Average Percentage of Possible Sunshine—Selected Cities

[Airport data, except as noted. For period of record through 1979, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Montgomery	29	47	54	58	65	65	66	63	66	62	67	56	50	59
Alaska	Juneau [1]	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz	Phoenix	84	78	80	83	88	93	94	85	85	89	88	84	77	86
Ark	Little Rock [2]	32	46	54	57	62	68	73	71	73	68	69	56	48	64
Calif	Los Angeles [3]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	31	46	61	71	80	87	92	97	96	93	84	63	47	79
	San Francisco [3]	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo	Denver	30	72	72	71	67	65	71	71	73	75	73	65	69	70
Conn	Hartford	25	57	58	57	57	58	59	62	62	59	57	46	49	58
Del	Wilmington [4]	37	51	54	57	57	57	62	62	62	59	59	52	50	57
D.C	Washington	31	48	52	56	58	58	64	63	63	62	59	52	48	58
Fla	Jacksonville	29	57	61	67	72	69	63	61	59	54	58	61	56	62
	Key West [1]	19	72	76	82	85	80	73	77	77	71	70	72	73	76
Ga	Atlanta	44	48	54	57	66	68	67	62	65	63	68	60	50	61
Hawaii	Honolulu	27	63	64	68	67	69	70	74	75	75	68	60	59	68
Idaho	Boise [1]	37	41	51	63	67	71	75	88	85	82	68	45	40	67
Ill	Chicago	37	44	47	51	54	62	67	70	68	64	60	41	38	57
	Peoria	36	46	50	51	55	59	66	68	67	65	62	45	41	57
Ind	Indianapolis [2]	35	41	51	51	55	62	67	67	70	67	63	43	40	56
Iowa	Des Moines	29	51	54	54	55	60	68	72	70	65	63	50	45	60
Kans	Wichita	26	59	60	61	62	65	70	74	74	66	67	59	59	65
Ky	Louisville	32	42	48	50	55	61	66	65	67	65	62	47	41	57
La	New Orleans	6	46	59	56	65	59	66	56	55	58	71	57	56	59
Maine	Portland	39	55	59	56	56	56	59	65	64	61	58	47	53	58
Md	Baltimore	29	51	56	56	56	56	62	64	61	60	59	51	49	57
Mass	Boston	44	53	57	57	57	59	64	66	66	64	61	51	53	60
Mich	Detroit [2]	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	38	35	46	54	55	57	58	63	58	46	40	23	27	48
Minn	Duluth	29	49	54	55	54	56	58	66	61	52	48	34	40	54
	Minneapolis-St. Paul.	41	51	58	54	56	59	63	71	67	61	57	39	40	58
Miss	Jackson	15	47	55	59	62	60	69	61	62	58	67	54	48	59
Mo	Kansas City	7	60	59	66	72	72	76	86	70	63	65	51	56	67
	St. Louis	20	53	52	54	56	61	68	71	65	64	62	48	44	59
Mont	Great Falls	37	48	56	66	61	63	65	80	76	68	61	46	44	63
Nebr	Omaha	43	55	54	54	57	62	68	74	71	67	66	52	49	62
Nev	Reno	37	66	68	76	81	82	85	93	93	92	84	71	64	81
N.H	Concord	38	51	55	52	53	54	58	63	60	55	54	42	47	55
N.J	Atlantic City	19	49	51	53	55	54	58	58	63	59	56	48	44	55
N. Mex	Albuquerque	40	72	73	73	77	79	83	76	76	80	80	77	72	77
N.Y	Albany	41	45	51	52	53	55	59	63	60	56	52	36	38	53
	Buffalo	36	32	39	46	52	58	66	69	66	60	52	29	27	52
	New York City [2 5]	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C	Charlotte	29	56	60	63	70	69	70	68	70	66	70	62	58	66
	Raleigh	25	55	60	63	64	59	61	61	61	60	62	61	56	60
N. Dak	Bismarck	40	55	55	60	58	63	65	76	73	66	59	45	47	62
Ohio	Cincinnati	64	41	45	50	55	60	67	68	66	66	58	44	39	56
	Cleveland	36	31	37	44	52	58	65	67	64	60	53	31	27	51
	Columbus	28	36	42	44	51	57	60	62	62	62	57	37	31	52
Okla	Oklahoma City	25	58	60	63	64	65	73	76	78	70	69	60	59	67
Oreg	Portland	30	25	36	45	51	56	54	69	64	60	42	30	21	49
Pa	Philadelphia	37	51	54	57	57	57	62	62	62	59	59	52	50	57
	Pittsburgh	27	34	38	45	48	51	57	58	56	58	53	39	30	49
R.I	Providence	26	56	57	56	56	57	58	59	61	59	59	49	53	57
S.C	Columbia	26	57	61	64	69	66	66	65	67	64	67	65	61	64
S. Dak	Rapid City	37	55	60	61	59	57	61	71	73	68	66	55	54	62
Tenn	Memphis	29	49	54	57	65	70	74	73	76	69	72	58	50	65
	Nashville	37	41	47	52	59	62	67	64	65	63	64	50	42	58
Tex	Amarillo	38	69	69	71	73	72	77	77	77	74	75	72	68	73
	El Paso	37	78	82	85	88	89	89	79	81	82	84	83	78	83
	Houston	10	42	53	48	51	59	66	66	63	59	64	55	61	57
Utah	Salt Lake City [2]	41	48	55	64	67	73	79	84	83	84	73	54	45	70
Vt	Burlington	36	41	48	51	50	56	59	65	61	54	49	31	33	50
Va	Norfolk [1]	20	57	59	63	65	65	68	65	65	65	60	59	57	63
	Richmond	29	52	56	59	64	64	67	65	65	63	60	56	52	61
Wash	Seattle-Tacoma	13	23	39	50	52	58	56	66	61	57	43	28	18	49
	Spokane	31	26	39	53	60	63	66	80	77	70	52	29	21	57
W. Va	Parkersburg [2]	80	32	37	43	50	56	59	62	60	59	54	37	29	49
Wis	Milwaukee	39	45	47	50	54	59	64	71	67	60	56	41	38	56
Wyo	Cheyenne	44	62	65	65	61	59	65	68	67	69	69	60	59	64
P.R	San Juan	24	66	69	73	66	60	59	66	65	60	60	58	59	64

[1] For period of record through 1978. [2] For period of record through 1977. [3] For period of record through 1975. [4] Data not available, figures are for a nearby station. [5] City office data.

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

NO. 378. AVERAGE WIND SPEED—SELECTED CITIES

[**In miles per hour.** Airport data, except as noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	31	10.6	10.8	11.1	10.4	8.9	7.7	6.9	6.8	8.0	8.2	9.4	10.1	9.1
Alaska	Juneau	36	8.4	8.8	8.8	8.8	8.5	7.8	7.6	7.5	8.0	9.7	8.7	9.2	8.5
Ariz	Phoenix	34	5.2	5.9	6.6	7.0	7.1	7.0	7.3	6.7	6.4	5.9	5.4	5.2	6.3
Ark	Little Rock	37	8.8	9.2	10.0	9.4	8.0	7.5	6.9	6.6	6.9	7.0	8.2	8.5	8.1
Calif	Los Angeles	31	6.7	7.3	8.0	8.4	8.2	7.9	7.6	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento	31	7.7	7.8	8.9	9.0	9.4	9.9	9.1	8.7	7.7	6.7	6.3	7.0	8.2
	San Francisco	52	7.1	8.5	10.3	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo	Denver	31	9.0	9.3	10.0	10.4	9.5	9.1	8.5	8.2	8.2	8.2	8.7	8.9	9.0
Conn	Hartford	25	9.4	9.7	10.2	10.4	9.2	8.4	7.7	7.4	7.5	8.0	8.6	8.9	8.8
Del	Wilmington	31	10.0	10.5	11.1	10.5	9.0	8.4	7.7	7.4	7.9	8.2	9.1	9.4	9.1
D.C	Washington	31	10.1	10.5	10.9	10.5	9.3	8.8	8.2	8.0	8.3	8.6	9.2	9.5	9.3
Fla	Jacksonville	30	8.5	9.4	9.3	9.0	8.5	8.3	7.4	7.2	8.1	8.5	8.1	8.1	8.4
	Miami	30	9.5	10.1	10.5	10.7	9.5	8.2	7.9	7.8	8.2	9.3	9.5	9.1	9.2
Ga	Atlanta	41	10.5	10.9	10.9	10.0	8.6	7.9	7.4	7.1	8.0	8.4	9.1	9.8	9.1
Hawaii	Honolulu	30	10.0	10.7	11.6	12.1	12.2	12.9	13.7	13.5	11.7	10.9	11.1	11.0	11.8
Idaho	Boise	40	8.4	9.2	10.2	10.3	9.6	9.1	8.5	8.3	8.3	8.5	8.5	8.4	8.9
Ill	Chicago	21	11.6	11.6	11.8	12.1	10.6	9.2	8.1	8.2	8.7	9.9	11.0	11.0	10.3
	Peoria	36	11.2	11.5	12.3	12.2	10.3	9.2	8.0	7.8	8.6	9.5	11.1	11.0	10.2
Ind	Indianapolis	31	11.1	11.1	11.8	11.4	9.6	8.6	7.5	7.2	8.0	8.9	10.5	10.6	9.7
Iowa	Des Moines	30	11.7	11.7	13.0	13.2	11.5	10.4	9.0	8.8	9.4	10.5	11.6	11.5	11.0
Kans	Wichita	26	12.4	12.9	14.4	14.4	12.7	12.3	11.2	11.2	11.4	12.1	12.2	12.2	12.5
Ky	Louisville	32	9.7	9.8	10.4	9.9	8.1	7.4	6.7	6.4	6.8	7.2	8.9	9.3	8.4
La	New Orleans	31	9.5	9.9	10.1	9.5	8.2	6.9	6.2	6.0	7.3	7.5	8.7	9.1	8.3
Maine	Portland	39	9.3	9.5	10.1	10.0	9.2	8.2	7.6	7.4	7.8	8.4	8.7	9.0	8.8
Md	Baltimore	29	10.0	10.6	11.1	10.9	9.4	8.6	8.0	8.0	8.2	8.9	9.4	9.4	9.4
Mass	Boston	22	14.2	14.1	13.9	13.3	12.2	11.4	10.8	10.7	11.2	12.1	12.9	13.8	12.6
Mich	Detroit	45	11.7	11.5	11.5	11.1	9.9	9.2	8.4	8.2	8.9	9.6	11.4	11.4	10.2
	Sault Ste. Marie	38	10.1	9.8	10.3	10.6	10.1	8.8	8.2	8.1	8.9	9.4	10.1	9.9	9.5
Minn	Duluth	30	11.9	11.6	12.0	13.0	12.1	10.7	9.7	9.7	10.6	11.3	12.0	11.4	11.3
	Minneapolis-St. Paul	41	10.4	10.5	11.3	12.3	11.3	10.5	9.3	9.1	9.8	10.4	10.9	10.3	10.5
Miss	Jackson	16	8.8	8.7	9.3	8.5	7.0	6.2	5.9	5.7	6.4	6.3	7.4	8.2	7.4
Mo	Kansas City	7	10.7	11.6	12.4	12.2	10.0	9.7	8.4	9.1	8.5	10.1	11.2	11.3	10.4
	St. Louis	30	10.4	10.8	11.8	11.4	9.4	8.7	7.8	7.5	7.9	8.7	9.9	10.3	9.5
Mont	Great Falls	38	15.5	14.7	13.5	13.0	11.5	11.3	10.1	10.4	11.5	13.5	14.8	16.0	13.0
Nebr	Omaha	43	11.1	11.4	12.6	13.1	11.3	10.4	9.0	9.1	9.6	10.0	11.1	10.8	10.8
Nev	Reno	37	5.8	6.1	7.6	8.1	7.7	7.3	6.7	6.3	5.5	5.3	5.2	5.0	6.4
N.H	Concord	38	7.4	8.0	8.3	7.9	7.1	6.4	5.6	5.3	5.5	6.0	6.5	7.1	6.8
N.J	Atlantic City	21	11.8	12.0	12.3	12.1	10.6	9.7	8.9	8.5	9.0	9.6	10.9	11.2	10.5
N. Mex	Albuquerque	40	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.9	7.7	9.0
N.Y	Albany	41	9.9	10.4	10.7	10.6	9.1	8.2	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo	40	14.5	14.0	13.7	13.0	11.7	11.2	10.5	10.0	10.6	11.4	12.9	13.5	12.3
	New York [1]	57	10.7	10.9	11.0	10.5	8.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
N.C	Charlotte	30	8.0	8.5	8.9	8.9	7.6	6.9	6.6	6.5	6.8	7.1	7.3	7.4	7.5
	Raleigh	30	8.6	9.1	9.5	9.1	7.7	7.0	6.7	6.4	6.8	7.2	7.8	8.0	7.8
N. Dak	Bismarck	40	10.1	10.1	11.1	12.4	12.0	10.7	9.4	9.6	10.1	10.1	10.2	9.6	10.4
Ohio	*Cincinnati*	*32*	*10.7*	*10.6*	*11.2*	*10.8*	*8.8*	*7.9*	*7.1*	*6.7*	*7.4*	*8.1*	*9.6*	*10.2*	*9.1*
	Cleveland	38	12.5	12.2	12.4	11.8	10.3	9.4	8.7	8.4	9.1	10.1	12.0	12.4	10.8
	Columbus	30	10.4	10.3	10.8	10.1	8.5	7.5	6.7	6.4	6.8	7.7	9.5	9.9	8.7
Okla	Oklahoma City	31	13.2	13.5	15.0	14.8	13.1	12.5	11.1	10.7	11.2	12.1	12.5	12.7	12.7
Oreg	Portland	31	10.1	9.0	8.3	7.2	7.0	7.1	7.5	7.1	6.5	6.5	8.5	9.6	7.0
Pa	Philadelphia	39	10.5	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.6	10.1	9.6
	Pittsburgh	27	10.8	10.9	11.1	10.7	9.2	8.2	7.5	7.1	7.6	8.5	10.0	10.5	9.3
R.I	Providence	26	11.5	11.7	12.2	12.3	11.0	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.C	Columbia	31	7.1	7.6	8.3	8.3	6.9	6.7	6.4	5.9	6.1	6.1	6.4	6.6	6.9
S. Dak	Sioux Falls	31	11.0	11.1	12.6	13.5	12.0	10.7	9.7	9.8	10.2	10.8	11.6	10.8	11.2
Tenn	Memphis	31	10.5	10.5	11.3	10.7	8.9	8.1	7.5	7.0	7.5	7.8	9.3	10.0	9.1
	Nashville	38	9.2	9.4	10.0	9.4	7.6	7.0	6.4	6.1	6.3	6.6	8.4	8.9	7.9
Tex	Dallas-Fort Worth	26	11.3	12.0	13.1	12.7	11.1	10.8	9.4	9.0	9.3	9.6	10.6	11.0	10.8
	El Paso	37	8.9	9.8	11.7	11.8	10.9	10.0	8.8	8.3	8.2	8.0	8.4	8.4	9.4
	Houston	10	8.4	8.8	9.5	9.2	8.0	7.4	6.6	5.5	6.7	6.5	7.7	7.7	7.7
Utah	Salt Lake City	50	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.8
Vt	Burlington	36	9.6	9.3	9.4	9.3	8.8	8.3	7.8	7.5	8.1	8.7	9.5	9.8	8.8
Va	Norfolk	31	11.6	12.0	12.3	11.7	10.3	9.6	8.8	8.8	9.6	10.3	10.6	11.0	10.6
	Richmond	31	8.0	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.8	7.3	7.5	7.5
Wash	Seattle-Tacoma	31	10.1	9.8	10.1	9.7	9.1	8.9	8.3	8.0	8.2	8.8	9.2	9.9	9.2
	Spokane	32	8.7	9.2	9.6	9.8	9.0	8.9	8.3	8.1	8.1	8.0	8.3	8.8	8.7
W. Va	Charleston	32	7.6	7.8	8.4	7.7	6.2	5.6	5.1	4.5	4.8	5.3	6.8	7.2	6.4
Wis	Milwaukee	39	12.9	12.7	13.2	13.1	11.9	10.5	9.7	9.6	10.6	11.5	12.7	12.5	11.7
Wyo	Cheyenne	22	15.5	15.2	14.9	14.6	13.0	11.7	10.5	10.6	11.3	12.3	13.5	15.0	13.2
P.R	San Juan	24	9.1	9.3	9.7	9.4	8.8	9.1	10.0	9.3	7.7	7.0	7.6	8.7	8.8

[1] City office data.

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

No. 379. Normal Monthly and Seasonal Heating Degree Days, 65° Base—Selected Cities

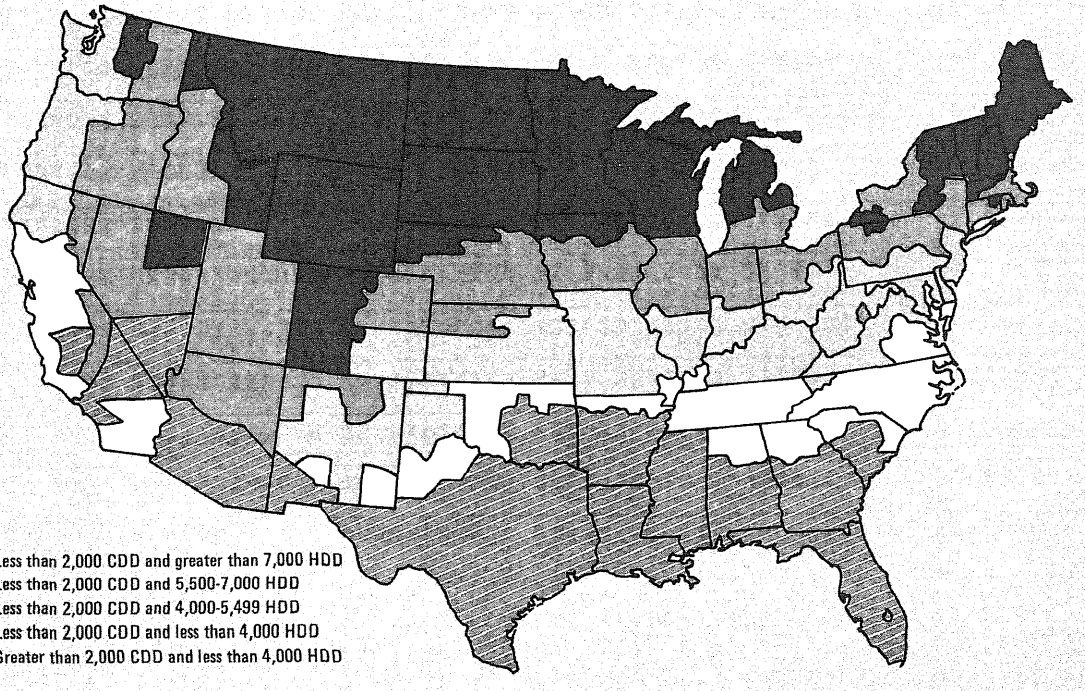
[Airport data, except as noted, Based on standard 30-year period, 1941 through 1970. For definition of "degree day," see text, p.1]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala	Mobile	451	337	221	40	-	-	-	-	-	39	211	385	1,684
Alaska	Juneau	1,287	1,036	1,026	783	564	354	288	332	474	719	975	1,169	9,007
Ariz	Phoenix	428	292	185	60	-	-	-	-	-	17	182	388	1,552
Ark	Little Rock	791	619	470	139	21	-	-	-	5	143	441	725	3,354
Calif	Los Angeles	331	270	267	195	114	71	19	15	23	77	158	267	1,819
	Sacramento	617	426	372	227	120	20	-	-	5	101	360	595	2,843
	San Francisco	518	386	372	291	210	120	93	84	66	137	291	474	3,042
Colo	Denver	1,088	902	868	525	253	80	-	-	120	408	768	1,004	6,016
Conn	Hartford	1,246	1,070	911	519	226	24	-	12	106	384	711	1,141	6,350
Del	Wilmington	1,023	879	725	381	128	-	-	-	32	254	579	939	4,940
D.C.	Washington	911	776	617	265	72	-	-	-	14	190	510	856	4,211
Fla	Jacksonville	348	282	176	24	-	-	-	-	-	19	161	317	1,327
	Miami	53	67	17	-	-	-	-	-	-	-	13	56	206
Ga	Atlanta	701	560	443	144	27	-	-	-	8	137	408	667	3,095
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,116	826	741	480	252	97	-	12	127	406	756	1,020	5,833
Ill	Chicago	1,305	1,089	908	486	240	45	7	18	90	360	774	1,175	6,497
	Peoria	1,277	1,044	859	416	180	17	-	8	70	327	753	1,147	6,098
Ind	Indianapolis	1,150	960	784	387	159	11	-	5	63	302	699	1,057	5,577
Iowa	Des Moines	1,414	1,142	964	465	186	26	-	13	94	350	816	1,240	6,710
Kans	Wichita	1,045	804	671	275	90	7	-	-	32	211	606	946	4,687
Ky	Louisville	983	818	661	286	105	-	-	-	35	241	600	911	4,640
La	New Orleans	403	299	188	29	-	-	-	-	-	40	179	327	1,465
Maine	Portland	1,349	1,179	1,029	669	381	106	27	55	200	493	792	1,218	7,498
Md	Baltimore	980	846	688	340	110	-	-	-	27	250	567	921	4,729
Mass	Boston	1,110	969	834	492	218	27	-	8	76	301	594	992	5,621
Mich	Detroit	1,225	1,067	918	507	238	26	-	11	80	342	717	1,097	6,228
	Sault Ste. Marie	1,575	1,394	1,271	804	496	200	96	125	291	583	966	1,392	9,193
Minn	Duluth	1,751	1,481	1,287	792	484	194	67	104	318	611	1,098	1,569	9,756
	Minneapolis-St. Paul	1,637	1,358	1,138	597	271	65	11	21	173	472	978	1,438	8,159
Miss	Jackson	569	442	313	74	6	-	-	-	-	91	301	504	2,300
Mo	Kansas City	1,175	916	753	336	127	15	-	-	50	259	681	1,045	5,357
	St. Louis	1,045	837	682	272	103	10	-	-	35	224	600	942	4,750
Mont	Great Falls	1,380	1,075	1,070	648	367	162	18	42	260	524	912	1,194	7,652
Nebr	Omaha	1,314	1,036	865	391	148	20	-	6	71	301	750	1,147	6,049
Nev	Reno	1,026	781	766	546	328	145	17	50	168	456	747	992	6,022
N.H	Concord	1,376	1,187	1,014	624	315	58	16	45	182	487	810	1,246	7,360
N.J	Atlantic City	1,001	871	741	399	131	9	-	-	35	262	570	927	4,946
N. Mex	Alburquerque	924	700	595	282	58	-	-	-	7	218	615	893	4,292
N.Y	Albany	1,349	1,162	980	543	253	39	9	22	135	422	762	1,212	6,888
	Buffalo	1,280	1,137	1,020	603	321	58	12	33	138	419	756	1,150	6,927
	New York[1]	1,017	885	741	387	137	-	-	-	29	209	528	915	4,848
N.C.	Charlotte	710	588	461	145	34	-	-	-	10	152	420	698	3,218
	Raleigh	760	638	502	180	48	-	-	-	12	186	450	738	3,514
N. Dak	Bismarck	1,761	1,442	1,237	660	339	122	18	35	252	564	1,083	1,531	9,044
Ohio	Cincinnati	1,051	888	722	341	138	9	-	-	44	271	636	970	5,070
	Cleveland	1,181	1,039	896	501	244	40	9	17	95	354	702	1,076	6,154
	Columbus	1,135	972	800	418	176	13	-	8	76	342	699	1,063	5,702
Okla	Oklahoma City	874	664	532	180	36	-	-	-	12	148	474	775	3,695
Oreg	Portland	834	622	598	432	264	128	48	56	119	347	591	753	4,792
Pa	Philadelphia	1,014	871	716	367	122	-	-	-	38	249	564	924	4,865
	Pittsburgh	1,144	1,000	834	444	208	26	7	16	98	372	711	1,070	5,930
R.I	Providence	1,135	997	871	531	259	36	-	10	93	350	651	1,039	5,972
S.C.	Columbia	608	493	360	83	12	-	-	-	-	112	341	589	2,598
S. Dak	Sioux Falls	1,575	1,277	1,085	567	259	65	10	18	165	465	957	1,395	7,838
Tenn	Memphis	760	594	457	131	22	-	-	-	7	142	423	691	3,227
	Nashville	828	672	524	176	45	-	-	-	10	180	498	763	3,696
Tex	Dallas-Fort Worth	626	456	335	88	-	-	-	-	-	60	287	530	2,382
	El Paso	663	465	328	89	-	-	-	-	-	92	402	639	2,678
	Houston	416	294	189	23	-	-	-	-	-	24	155	333	1,434
Utah	Salt Lake City	1,147	885	787	474	237	88	-	5	105	402	777	1,076	5,983
Vt	Burlington	1,494	1,299	1,113	660	331	63	20	49	191	502	840	1,314	7,876
Va	Norfolk	760	661	532	226	53	-	-	-	9	141	402	704	3,488
	Richmond	853	717	569	226	64	-	-	-	21	203	480	806	3,939
Wash	Seattle-Tacoma	831	636	648	489	313	167	80	82	170	397	612	760	5,185
	Spokane	1,228	918	853	567	327	144	21	47	196	533	885	1,116	6,835
W. Va	Charleston	946	798	642	287	113	10	-	-	46	267	588	893	4,590
Wis	Milwaukee	1,414	1,190	1,042	609	348	90	15	36	140	440	855	1,265	7,444
Wyo	Cheyenne	1,190	1,008	1,035	669	394	156	22	31	225	530	885	1,110	7,255
P.R	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero [1] City office data.

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

Figure 7.2
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

No. 380. Average Relative Humidity,

[Airport data, except as noted, Eastern standard time. For period of record through 1979. Hours selected to give, observations were made on

State	Station	Length of record (yr.)	Jan. 7:00 a.m.	Jan. 1:00 p.m.	Feb. 7:00 a.m.	Feb. 1:00 p.m.	Mar. 7:00 a.m.	Mar. 1:00 p.m.	Apr. 7:00 a.m.	Apr. 1:00 p.m.	May 7:00 a.m.	May 1:00 p.m.	June 7:00 a.m.	June 1:00 p.m.
Ala	Mobile	17	81	62	81	55	83	56	87	54	86	54	86	54
Alaska	Juneau	36	79	76	80	74	79	69	74	64	74	62	75	64
Ariz	Phoenix	19	45	32	38	26	33	23	23	15	18	13	17	12
Ark	Little Rock	19	80	62	79	58	78	56	82	56	86	57	86	55
Calif	Los Angeles	20	56	60	59	63	62	65	61	64	66	66	70	68
	Sacramento	19	85	70	79	61	68	52	58	43	50	36	47	31
	San Francisco	20	79	67	75	65	70	63	65	61	64	60	64	60
Colo	Denver	19	45	48	43	42	42	40	38	35	39	37	37	35
Conn	Hartford	20	72	57	73	56	72	53	69	44	73	47	78	52
Del	Wilmington	32	75	60	75	58	74	53	73	50	76	53	78	54
D.C	Washington	19	68	54	67	51	68	49	68	47	72	51	75	52
Fla	Jacksonville	43	87	57	85	52	85	49	85	48	84	50	86	56
	Miami	15	84	60	83	57	82	56	79	54	82	61	86	67
Ga	Atlanta	19	78	60	75	54	78	51	79	50	83	55	85	58
Hawaii	Honolulu	10	80	63	77	60	73	58	69	57	67	55	67	53
Idaho	Boise	40	73	70	68	61	55	44	47	36	45	34	42	30
Ill	Chicago	21	76	68	76	65	79	62	77	55	76	54	78	55
	Peoria	20	77	68	79	66	81	64	78	56	81	57	81	56
Ind	Indianapolis	20	81	70	80	67	80	63	78	56	82	57	83	57
Iowa	Des Moines	18	76	68	78	67	78	63	78	57	78	55	80	56
Kans	Wichita	26	79	63	78	60	76	54	77	52	83	55	82	53
Ky	Louisville	19	77	65	77	62	76	59	75	53	83	56	84	58
La	New Orleans	31	85	67	84	63	85	61	88	60	89	60	89	62
Maine	Portland	39	77	62	76	59	75	59	73	55	75	58	79	61
Md	Baltimore	26	71	58	71	55	71	51	71	49	77	53	80	53
Mass	Boston	15	68	58	66	56	68	57	66	53	71	58	74	59
Mich	Detroit	45	78	69	78	65	77	60	73	52	71	51	73	53
	Sault Ste. Marie	38	82	76	82	72	83	68	80	61	80	56	85	62
Minn	Duluth	18	74	68	74	63	77	63	77	57	76	54	81	59
	Minneapolis-St. Paul	20	72	66	73	64	76	63	76	54	76	52	79	54
Miss	Jackson	16	87	66	86	59	88	57	91	57	92	56	91	56
Mo	Kansas City	7	74	65	76	63	78	62	76	58	83	59	84	57
	St. Louis	19	83	66	81	63	82	59	79	55	83	56	84	56
Mont	Great Falls	18	63	62	59	56	53	48	49	42	46	40	44	40
Nebr	Omaha	15	76	65	77	61	76	57	76	53	79	55	81	55
Nev	Reno	16	68	50	58	39	47	33	38	28	33	25	32	23
N.H	Concord	14	74	60	75	57	78	56	75	45	79	48	85	54
N.J	Atlantic City	15	75	58	76	56	76	55	75	50	79	57	83	58
N. Mex	Albuquerque	19	50	39	44	32	32	23	25	18	24	17	23	17
N.Y	Albany	14	79	64	76	58	74	54	70	47	76	52	79	56
	Buffalo	19	80	74	80	71	80	67	76	58	76	56	78	57
	New York [1]	58	68	60	68	58	67	55	67	51	71	53	74	55
N.C	Charlotte	19	78	56	75	51	80	51	79	47	84	54	86	57
	Raleigh	15	79	55	75	49	80	49	81	45	87	56	88	58
N. Dak	Bismarck	20	72	66	75	67	78	62	79	54	79	49	84	53
Ohio	Cincinnati	17	79	68	76	62	77	60	76	54	80	54	82	56
	Cleveland	19	77	70	77	68	78	65	76	58	77	58	80	58
	Columbus	20	76	68	75	64	73	58	75	53	79	55	81	55
Okla	Oklahoma City	14	79	61	78	57	75	52	78	52	83	58	84	56
Oreg	Portland	39	82	76	80	68	72	60	68	55	66	53	64	48
Pa	Philadelphia	20	73	59	70	56	71	53	69	48	75	53	78	55
	Pittsburgh	19	76	66	74	62	74	58	72	50	76	51	79	52
R.I	Providence	16	72	58	70	55	70	54	68	47	72	52	76	57
S.C	Columbia	13	82	55	80	47	83	48	83	43	87	51	88	53
S. Dak	Sioux Falls	16	74	67	77	67	80	63	80	56	80	53	82	56
Tenn	Memphis	40	78	63	78	59	76	56	78	53	82	55	83	56
	Nashville	14	80	65	79	59	78	54	80	52	87	56	88	56
Tex	Dallas-Fort Worth	16	80	61	79	59	80	57	85	59	88	61	85	55
	El Paso	19	44	34	35	25	28	20	22	15	22	15	25	17
	Houston	10	88	66	88	58	89	60	92	61	94	60	93	59
Utah	Salt Lake City	20	70	68	63	58	52	45	44	39	37	31	31	26
Vt	Burlington	14	70	64	72	63	73	59	75	53	75	51	79	57
Va	Norfolk	31	75	59	74	56	74	54	73	50	78	57	79	57
	Richmond	45	81	57	79	52	78	49	75	45	79	51	82	54
Wash	Seattle-Tacoma	20	78	74	76	67	74	62	71	58	67	54	66	52
	Spokane	20	82	77	79	69	67	54	56	44	52	40	47	34
W. Va	Charleston	32	77	63	76	59	74	53	75	47	82	50	86	54
Wis	Milwaukee	19	75	68	75	67	79	66	79	62	79	61	81	62
Wyo	Cheyenne	20	45	48	43	45	44	45	41	39	39	41	39	40
P.R	San Juan	24	80	64	79	62	77	60	75	62	77	65	78	66

[1] City office data.

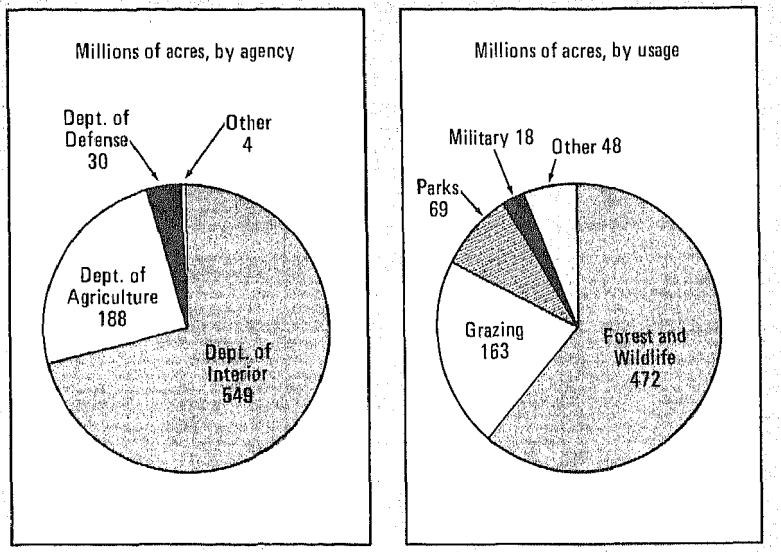
PERCENT—SELECTED CITIES

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

July		Aug.		Sept.		Oct.		Nov.		Dec.		Annual		STATE	STATION
7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.		
89	61	90	61	88	61	85	51	85	56	83	61	85	57	Ala	Mobile.
81	70	83	73	87	77	87	80	85	81	82	81	81	73	Alaska	Juneau.
28	20	33	23	31	23	30	22	37	28	46	33	32	22	Ariz	Phoenix.
87	58	87	56	89	59	85	51	82	57	80	61	83	57	Ark	Little Rock.
69	68	69	69	66	67	61	65	57	63	54	61	62	65	Calif	Los Angeles.
47	28	50	29	50	31	57	39	75	59	85	70	63	46		Sacramento.
66	60	67	62	65	59	67	59	73	64	78	68	69	62		San Francisco.
35	35	36	35	38	34	36	35	45	50	44	51	40	40	Colo	Denver.
79	51	84	54	87	56	84	52	80	57	77	61	77	53	Conn	Hartford.
80	54	83	56	85	56	84	54	80	56	76	59	78	55	Del	Wilmington.
76	53	80	55	80	56	79	52	74	53	70	56	73	52	D.C	*Washington.*
88	58	90	60	91	62	90	58	89	55	88	58	87	55	Fla	Jacksonville.
85	64	86	66	89	68	87	65	85	61	84	60	84	62		Miami.
90	63	91	62	90	61	84	52	82	54	80	59	83	57	Ga	Atlanta.
66	51	67	54	66	52	68	55	74	59	77	60	71	56	Hawaii	Honolulu.
33	21	34	23	39	30	48	40	65	60	73	71	52	44	Idaho	Boise.
81	57	84	57	84	57	81	55	80	64	80	70	79	60	Ill	Chicago.
85	58	88	60	88	58	85	58	83	66	83	72	82	61		Peoria.
87	60	91	62	91	59	88	57	85	67	83	73	84	62	Ind	Indianapolis.
81	57	84	58	84	59	78	54	79	64	79	70	80	61	Iowa	Des Moines.
78	49	79	49	82	55	79	52	79	57	79	61	79	55	Kans	Wichita.
86	59	88	58	89	60	86	56	79	61	77	65	81	59	Ky	Louisville.
91	66	91	66	89	66	88	59	86	61	86	66	88	63	La	New Orleans.
80	60	84	59	86	61	85	59	84	63	80	62	80	60	Maine	Portland.
82	53	85	56	85	56	82	54	77	55	74	58	77	54	Md	Baltimore.
73	56	76	59	79	61	76	58	75	61	71	60	72	58	Mass	Boston.
74	51	79	53	82	55	80	55	79	64	79	69	77	58	Mich	Detroit.
89	62	92	63	92	67	89	67	87	76	85	78	85	67		Sault Ste. Marie.
83	58	87	62	86	63	81	61	80	69	78	73	80	63	Minn	Duluth.
81	54	84	56	86	60	82	58	80	66	77	70	79	60		Minneapolis-St. Paul.
93	60	94	60	94	61	93	53	91	58	88	64	91	59	Miss	Jackson.
82	56	86	59	86	60	79	55	78	62	75	62	80	60	Mo	Kansas City.
86	57	89	57	91	59	85	55	85	63	85	69	84	60		St. Louis.
38	29	38	30	45	36	46	41	55	54	61	60	50	45	Mont	Great Falls.
83	56	86	59	87	61	82	55	80	62	79	67	80	59	Nebr	Omaha.
28	19	31	20	34	21	40	26	56	41	65	51	44	31	Nev	Reno.
86	52	89	54	91	57	87	54	85	61	80	64	82	55	N.H	Concord.
84	58	86	58	86	59	86	56	82	57	76	58	80	57	N.J	*Atlantic City.*
35	27	39	29	40	31	37	28	42	35	50	42	37	28	N. Mex	Albuquerque.
80	54	85	57	88	59	85	56	81	63	81	66	79	57	N.Y	Albany.
79	55	84	59	83	60	82	61	82	70	82	75	80	63		Buffalo.
75	55	78	57	79	57	76	55	73	59	69	60	72	56		New York. [1]
88	59	90	59	90	58	88	53	84	53	79	57	83	54	N.C	Charlotte.
90	59	93	61	93	60	90	54	85	51	80	55	85	54		Raleigh.
83	47	82	44	82	49	78	50	79	62	77	69	79	56	N. Dak	Bismarck.
85	57	88	58	88	59	83	55	80	63	79	69	81	60	Ohio	Cincinnati.
82	58	85	60	84	61	81	60	79	66	77	71	79	63		Cleveland.
84	56	87	59	88	59	82	55	81	64	78	69	80	59		Columbus.
81	50	82	51	84	56	78	50	78	54	76	56	80	54	Okla	Oklahoma City.
61	45	65	47	67	49	79	63	82	74	84	79	72	60	Oreg	*Portland.*
79	55	81	55	83	57	83	54	77	56	74	59	76	55	Pa	Philadelphia.
82	53	86	56	86	57	81	54	79	63	76	67	78	57		Pittsburgh.
77	57	80	56	82	57	80	54	78	59	75	59	75	55	R.I	Providence.
89	56	93	58	93	58	91	50	88	49	84	54	87	52	S.C	Columbia.
81	52	83	53	85	57	81	54	82	64	79	70	80	59	S. Dak	Sioux Falls.
85	57	86	56	86	56	83	51	79	55	78	61	81	57	Tenn	Memphis.
91	59	92	61	92	61	87	55	81	59	80	63	85	58		Nashville.
81	50	83	52	87	59	82	54	81	56	78	58	82	57	Tex	Dallas-Fort Worth.
39	29	40	31	44	34	36	28	38	32	43	36	35	27		El Paso.
94	59	95	61	95	65	93	57	91	60	89	62	92	60		Houston.
26	20	29	22	34	27	42	39	57	58	70	71	46	42	Utah	Salt Lake City.
80	54	85	59	87	64	81	63	79	69	76	70	78	60	Vt	*Burlington.*
82	60	85	62	84	62	83	60	79	56	75	58	78	58	Va	Norfolk.
85	57	89	57	90	57	90	53	85	50	82	55	83	53		Richmond.
65	48	70	53	74	59	79	68	80	74	80	77	73	62	Wash	Seattle-Tacoma.
39	25	43	28	50	34	65	49	81	74	84	81	62	51		Spokane.
90	61	92	58	91	56	88	53	80	56	77	62	82	56	W. Va	Charleston.
82	61	87	62	87	63	82	63	81	67	80	73	81	65	Wis	Milwaukee.
34	37	34	35	35	36	36	38	42	47	43	49	40	42	Wyo	Cheyenne.
78	66	79	66	79	67	80	66	81	66	80	65	79	64	P.R	San Juan.

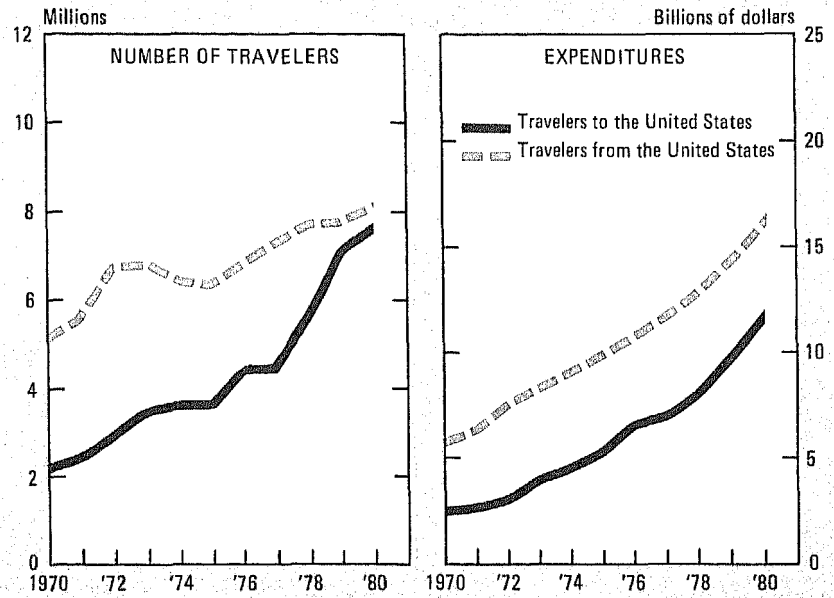
Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data,* annual.

Figure 8.1
Land Owned by the Federal Government: 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 385.

Figure 8.2
Travelers to and from the United States: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 413 and 414.

Section 8

Public Lands, Parks, Recreation, and Travel

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

The primary source for data on public lands is *Public Land Statistics,* published annually by the Department of the Interior, Bureau of Land Management. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.* The Economic Research Service of the Department of Agriculture also issues statistics on land use and land ownership; see also section 24.

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

Any original public-domain land which the government has not disposed of under the public-land laws are "public domain lands," as are those lands which were obtained by the Federal Government in exchange for public lands or for timber on public lands. "Acquired lands" are lands the U.S. Government has gained by purchase, condemnation, and gift, and by exchange for purchased, condemned or donated lands or for timber on such lands. These lands were acquired for various public purposes, such as sites for public buildings, defense installations, and natural resources conservation activities.

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

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

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data on and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract;* the *Index-National Park System and Related Areas,* a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

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.

Domestic and foreign travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey,* vol. I, and its 1967 and 1972 *National Travel Survey,* vol. I.

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

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

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

NO. 381. OWNERSHIP OF LAND, BY CLASS: 1959 TO 1978

[**In millions of acres, except percent.** See also *Historical Statistics, Colonial Times to 1970,* series J 66, J 71, and J 76]

YEAR	Total [1]	Private land [2]	Indian lands [3]	PUBLIC LAND			
				Total	Federal [4]	State [4]	County and municipal
1959	2,271	1,332	53	886	765	103	18
1969	2,264	1,317	50	897	763	114	20
1974	2,264	1,316	51	897	761	116	20
1978	2,264	1,315	52	897	742	135	20
Percent distribution	100.0	58.1	2.3	39.6	32.7	6.0	.9

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. [2] Land owned by individuals, partnerships, and corporations. [3] Managed in trust by Bureau of Indian Affairs. [4] Changes in Federal and State land holdings mainly represent Federal land grants to the State of Alaska. Part of the change indicated after 1974 may have occurred prior to 1974.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States,* November 1979 and unpublished data.

No. 382. Area and Acquisition of the Federal Public Domain: 1781 to 1979

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

YEAR	Land area, total [1]	YEAR	Land area [1] Total	Public domain	Acquired
1802	200.0	1970	761.3	706.4	54.9
1850	1,200.0	1971	760.2	704.8	55.9
1880	900.0	1972	760.7	704.8	55.9
1912	600.0	1973	761.0	704.8	56.2
1946	413.0	1974	760.5	703.8	56.7
1950	412.0	1975	760.4	702.9	57.5
1955	407.9	1976	762.2	702.8	59.4
1959	768.6	1977	741.5	683.3	58.2
1960	771.5	1978	775.2	712.0	63.3
1965	765.8	1979	769.9	710.1	59.8

YEAR AND ACQUISITION	Total acreage
Aggregate	**1,837.8**
1781-1802 (State Cessions)	236.8
1803, Louisiana Purchase [2]	529.9
1819, Cession from Spain	46.1
Red River Basin [3]	29.6
1846, Oregon Compromise	183.4
1848, Mexican Cession [2]	338.7
1850, Purchase from Texas	78.9
1853, Gadsden Purchase	19.0
1867, Alaska Purchase	375.3

[1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual. [2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. [3] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

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

No. 383. Total and Federally Owned Land, 1960 to 1979, and by States, 1979

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

YEAR AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1] Acres (1,000)	Percent
1960	2,273,407	1,501,894	771,512	33.9
1965	2,271,343	1,505,546	765,797	33.5
1970	2,271,343	1,510,042	761,301	33.5
1973	2,271,343	1,510,344	760,999	33.5
1974	2,271,343	1,510,811	760,532	33.5
1975	2,271,343	1,510,929	760,414	33.5
1976	2,271,343	1,509,151	762,192	33.5
1977	2,271,343	1,529,834	741,509	32.6
1978	2,271,343	1,496,094	775,249	34.1
1979, total	**2,271,343**	**1,501,479**	**769,863**	**33.9**
Ala	32,678	31,556	1,122	3.4
Alaska	365,482	6,348	359,134	98.3
Ariz	72,688	40,674	32,014	44.0
Ark	33,599	30,241	3,358	9.9
Calif	100,207	53,505	46,702	46.6
Colo	66,486	42,878	23,608	35.5
Conn	3,135	3,126	9	.3
Del	1,266	1,225	41	3.2
D.C	39	26	13	32.8
Fla	34,721	30,680	4,041	11.6
Ga	37,295	35,018	2,277	6.1
Hawaii	4,106	3,445	661	16.1
Idaho	52,933	19,174	33,760	63.7
Ill	35,795	35,189	607	1.6
Ind	23,158	22,662	497	2.1
Iowa	35,860	35,633	227	.6
Kans	52,511	51,778	733	1.3
Ky	25,512	24,098	1,414	5.6
La	28,868	27,769	1,099	3.8
Maine	19,848	19,713	135	.7

STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1] Acres (1,000)	Percent
Md	6,319	6,116	203	3.2
Mass	5,035	4,955	80	1.5
Mich	36,492	33,025	3,467	9.5
Minn	51,206	47,783	3,423	6.6
Miss	30,223	28,492	1,731	5.7
Mo	44,248	42,053	2,196	4.9
Mont	93,271	65,530	27,741	29.7
Nebr	49,032	48,320	712	1.4
Nev	70,264	9,758	60,506	86.1
N.H	5,769	5,047	722	12.5
N.J	4,818	4,662	152	3.1
N. Mex	77,766	51,893	25,874	33.2
N.Y	30,681	30,435	246	.8
N.C	31,403	29,352	2,051	6.5
N. Dak	44,452	42,066	2,386	5.3
Ohio	26,222	25,877	345	1.3
Okla	44,088	42,498	1,590	3.6
Oreg	61,599	29,285	32,314	52.4
Pa	28,804	28,072	733	2.5
R.I	677	669	8	1.1
S.C	19,374	18,198	1,176	6.0
S. Dak	48,882	45,390	3,492	7.1
Tenn	26,728	24,874	1,854	6.9
Tex	168,218	164,809	3,409	2.0
Utah	52,697	19,167	33,530	63.6
Vt	5,937	5,641	296	4.9
Va	25,496	23,087	2,410	9.4
Wash	42,694	30,221	12,473	29.2
W. Va	15,411	14,314	1,097	7.1
Wis	35,011	33,143	1,868	5.3
Wyo	62,343	32,013	30,330	48.6

[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. 384. Federal Land and Buildings Owned and Leased: 1960 to 1979

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

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1976	1977	1978	1979, prel.
Federally owned:									
Land, total	Mil. acres	772	766	762	761	763	742	776	770
Dept. of Agriculture	Mil. acres	186	187	187	188	190	188	189	188
Dept. of Defense	Mil. acres	30	30	31	31	31	31	34	30
Dept. of the Interior	Mil. acres	553	546	540	538	538	519	548	549
Buildings, number [1]	1,000	413	433	418	405	412	410	413	411
Dept. of Defense [1]	1,000	320	335	319	312	317	314	316	314
Dept. of the Interior	1,000	31	34	34	30	31	32	32	33
Buildings, floor area [1]	Mil. sq. ft	2,445	2,490	2,542	2,502	2,552	2,579	2,636	2,692
Dept. of Defense [1]	Mil. sq. ft	1,929	1,874	1,857	1,802	1,824	1,824	1,868	1,914
General Services Administration	Mil. sq. ft	122	172	205	194	196	201	202	203
Dept. of the Interior	Mil. sq. ft	42	47	61	58	60	61	62	63
Veterans Administration	Mil. sq. ft	115	114	110	111	112	114	116	116
Cost of land, buildings, etc.[2]	Bil. dol	53	66	79	91	96	101	107	113
Dept. of Defense	Bil. dol	31	39	44	56	58	60	62	66
Dept. of the Interior	Bil. dol	5	6	8	10	10	11	10	11
Federally leased:									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.2	1.7	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.0	1.5	1.2	1.2
Buildings, floor area [1]	Mil. sq. ft	97	132	182	210	230	238	216	219
Dept. of Defense [1]	Mil. sq. ft	11	7	7	13	19	27	12	12
Rental property, cost	Mil. dol	174	282	451	664	742	794	870	912
Dept. of Defense	Mil. dol	35	35	63	65	65	75	73	72

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 385.

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

No. 385. Federally Owned Land and Cost of Land, by Predominant Usage: 1960 to 1979

[As of **June 30** except beginning **1978** as of **Sept. 30.** Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value]

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

- Represents zero. Z Less than 50,000 acres. [1] Preliminary.

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

No. 386. Public Lands—Disposal Transactions and Cash Receipts: 1951 to 1980

[For years ending **June 30** except, beginning **1977, Sept. 30.** For explanation of terms, see text, p. 223. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970,* series J 10-15 and J 26-32]

ITEM	Unit	1951-1960, total	1961-1970, total	1971-1975, total	1976-1980,[1] total	1976	1977	1978	1979	1980
Original entries and selections [2]	1,000 acres	3,176	17,518	13,078	134,014	[3] 102,810	10,518	860	18,649	1,167
Alaska	1,000 acres	1,535	15,019	12,898	133,932	[3] 102,800	10,469	850	18,644	1,160
Final entries [2]	1,000 acres	2,382	4,177	4,704	13,262	8,206	1,161	1,364	277	175
Alaska	1,000 acres	164	2,537	4,270	13,013	8,177	1,145	1,360	256	2
Patents and certificates [2]	1,000 acres	5,628	11,524	5,584	14,389	8,302	1,163	108	616	2,495
Alaska	1,000 acres	246	6,050	4,470	13,884	8,177	990	24	556	2,443
Homestead entries: [4]										
Original entries, total	Number	6,158	2,383	211	25	6	13	-	1	1
Acres	1,000	790	292	24	3	(z)	2	-	(z)	(z)
Final entries [5]	1,000 acres	442	172	42	13	4	5	1	1	1
Cash receipts	Mil. dol	1,399	4,770	16,141	19,715	3,192	3,008	2,924	4,052	5,079
Mineral leases and permits	Mil. dol	1,054	4,168	15,509	18,308	3,010	2,717	2,661	3,754	4,783
Oil, gas	Mil. dol	1,071	3,955	15,387	17,963	2,969	2,669	2,600	3,671	4,684
Offshore	Mil. dol	435	2,918	14,462	15,973	2,662	2,373	2,259	3,267	4,101
Timber	Mil. dol	209	478	496	1,062	131	235	195	218	216
Fees and commissions	Mil. dol	9	37	46	153	19	27	32	40	29
Other	Mil. dol	127	87	90	192	32	29	36	40	51

- Represents zero. Z Less than 500 acres. [1] Includes transition quarter, July-Sept. 1976. [2] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. [3] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. See also footnote 6, table 367. [4] Excludes ceded Indian lands. [5] Excludes commuted homesteads.

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

No. 387. Public Domain Lands—Homestead Entries, 1951 to 1980, and Vacant Lands, 1950 to 1980, by States

[**In thousands of acres.** Homestead entries for years ending **June 30** except, beginning **1977,** ending **Sept. 30;** vacant lands as of **June 30** except, beginning **1977,** as of **Sept. 30.** Excludes States with less than 500 acres in years specified. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data for vacant public lands in States other than Alaska cover lands withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See text, p. 223. See *Historical Statistics, Colonial Times to 1970,* series J 8, for vacant lands excluding Alaska, and J 14 for homestead entries]

STATE	HOMESTEAD ENTRIES [1]				VACANT LANDS [3]					
	1951-1960, total	1961-1970, total	1971-1975, total	1976-1980,[2] total	1950	1960	1970	1975	1979	1980
Total	[4] **790.0**	**291.9**	**23.9**	**3.4**	**440,408**	**437,879**	[5] **159,139**	[5] **158,778**	[5] **158,720**	[5] **158,437**
Alabama	-	-	-	-	27	3	1	3	3	3
Alaska [6]	572.0	279.9	21.8	.5	270,000	270,200	257,133	257,065	58,729	167,090
Arizona	9.4	1.3	-	-	12,545	12,442	11,597	11,592	11,568	11,547
California	3.9	-	.1	-	16,306	15,673	14,587	14,570	14,729	14,470
Colorado	14.5	.2	-	-	8,070	8,090	6,485	6,440	6,122	6,290
Idaho	96.0	3.0	-	-	10,858	11,652	11,597	11,520	11,494	11,491
Minnesota	-	-	-	-	93	58	23	26	26	42
Montana	1.6	-	1.1	2.3	6,773	6,385	6,143	6,140	6,143	6,146
Nebraska	-	-	-	-	25	6	8	4	9	9
Nevada	25.8	5.2	.2	-	47,158	46,027	47,310	47,367	48,176	48,074
New Mexico	3.9	1.5	.1	.6	14,503	13,129	12,576	12,400	12,224	12,155
North Dakota	-	-	.2	-	96	79	69	68	68	68
Oregon	1.3	-	-	-	13,298	13,153	13,342	13,136	13,048	13,024
South Dakota	-	-	.5	-	290	272	276	276	276	276
Utah	53.6	.3	-	-	23,033	24,097	20,877	20,798	20,375	20,373
Washington	.8	.3	-	-	487	365	292	304	309	308
Wyoming	2.5	.1	-	.1	16,815	16,198	13,944	14,118	14,133	14,132
Other States	.5	.1	-	-	231	50	11	16	18	29

- Represents zero. [1] Original homestead entries. [2] As a result of the Federal Land Policy and Management Act of 1976, Public Law 94-579, the only homestead actions now occurring are carryover cases, such as inheritances, etc. [3] Includes acreage of public lands within grazing districts, as follows (in thousands): 1950, 134,875; 1960, 141,645; 1970, 132,669; 1975, 132,265; 1979, 133,106; and 1980, 132,854. [4] Includes 4,200 acres for Bureau of Land Management. [5] Excludes Alaska; see footnote 6. [6] Effective Jan. 17, 1969, all unreserved lands in Alaska were withdrawn from all forms of appropriations or disposition under the Public Land Laws; land and resources were reserved until Dec. 31, 1970, for determination and protection of rights of native Aleuts, Eskimos, and Indians of Alaska. The Alaska Native Claims Act of Dec. 18, 1971, and Public Land Order No. 5418 dated Mar. 25, 1974, withdraws all unreserved lands in Alaska.

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

No. 388. Public Lands—Leases, Permits, and Licenses, by Class: 1960 to 1980

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

Year	Mineral class							Other classes		
	Total	Leases				Permits	Licenses	Leases		Permits [3]
		Total	Oil and gas [1]	Coal	Other			Total	Grazing [2]	
Number:										
1960	142,114	140,057	139,534	294	229	2,035	22	19,010	9,911	(NA)
1965	101,863	101,086	100,339	379	368	763	14	10,246	8,912	(NA)
1970	100,598	100,010	99,038	525	447	583	5	10,103	8,559	1,111
1975	104,075	103,762	102,815	529	418	309	4	9,253	7,785	1,354
1976	103,800	103,487	101,796	529	1,162	309	4	9,110	7,721	1,267
1977	104,377	104,079	102,130	523	1,426	294	4	9,349	7,981	1,286
1978	105,284	105,088	102,984	524	1,580	183	13	9,155	7,792	1,299
1979	107,176	107,014	104,769	535	1,710	139	23	11,188	9,884	1,243
1980	106,125	105,963	103,571	522	1,870	132	30	8,356	7,700	1,214
Acreage (1,000):										
1960	118,157	114,136	113,667	199	270	4,020	1	18,615	18,532	914
1965	66,267	64,955	64,148	374	433	1,311	1	18,221	18,057	870
1970	65,374	64,323	63,030	764	529	1,051	(z)	18,461	18,262	1,378
1975	82,618	81,885	80,621	780	485	733	(z)	17,315	17,144	1,838
1976	83,543	82,791	80,226	795	1,770	762	(z)	17,168	17,014	1,468
1977	86,903	86,275	83,319	791	2,164	626	2	17,242	17,122	1,453
1978	90,202	89,823	86,585	790	2,447	334	45	16,509	16,387	906
1979	96,482	96,109	92,642	798	2,669	299	74	24,821	24,705	920
1980	100,585	100,198	96,503	786	2,909	278	109	17,064	17,028	3,993

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see Section 27.
[2] As of Dec. 31. [3] Excludes grazing licenses and permits within grazing districts.

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

No. 389. Lands Under Jurisdiction of Bureau of Indian Affairs—Acreage, by States: 1920 to 1980

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

State	1920	1940	1960	1970	1975	1978	1979	1980			
								Total	Indian		Government owned
									Trust allotted [1]	Tribal [2]	
Total	[3] **71,399**	**55,406**	[4] **58,076**	**55,408**	**52,316**	**52,085**	**52,962**	**52,993**	**10,034**	**42,501**	**458**
Ala	(NA)	(NA)	4,168	4,170	117	363	386	428	341	87	(z)
Ariz	18,653	19,225	21,515	19,714	20,034	20,034	20,036	20,036	252	19,694	90
Calif	517	667	558	536	546	541	573	573	73	500	(z)
Colo	469	667	752	755	782	782	783	783	4	779	(z)
Fla	24	61	79	79	79	79	79	79	–	79	(z)
Idaho	683	818	835	828	827	828	827	827	334	460	33
Iowa	3	3	4	4	4	4	4	4	–	4	(z)
Kans	273	36	29	27	26	27	28	29	23	6	(z)
Mich	153	27	22	21	21	21	21	21	9	12	–
Minn	1,509	653	756	763	764	764	764	764	51	712	1
Miss	(x)	9	16	18	17	18	18	18	(z)	18	(z)
Mont	6,054	6,455	5,457	5,274	5,282	5,275	5,258	5,249	3,037	2,209	3
Nebr	360	76	68	62	61	65	65	65	43	22	(z)
Nev	741	1,127	1,152	1,148	1,153	1,154	1,154	1,154	78	1,068	8
N. Mex	4,697	7,153	6,542	7,209	7,537	7,843	7,865	7,864	676	6,880	308
N.C	63	57	56	57	56	56	56	57	–	57	(z)
N. Dak	2,105	1,036	879	850	850	851	853	853	647	205	1
Okla	19,552	2,844	1,855	1,424	1,306	1,250	1,240	1,230	1,136	86	8
Oreg	1,718	1,737	1,238	687	761	761	761	762	140	622	(z)
S. Dak	6,686	5,865	5,064	4,975	5,020	5,085	5,091	5,093	2,491	2,600	2
Utah	1,641	1,693	2,125	2,271	2,276	2,277	2,286	2,286	34	2,252	(z)
Wash	2,719	2,740	2,591	2,460	2,504	2,511	2,517	2,520	489	2,028	3
Wis	590	445	422	188	407	409	409	410	81	329	(z)
Wyo	2,102	2,013	1,890	1,887	1,886	1,887	1,888	1,888	95	1,792	1

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

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

No. 390. National Park System—Summary: 1960 to 1980

[For years ending **June 30** through **1976**, thereafter ending **Sept. 30**; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Finances (mil. dol.):										
Expenditures reported [1]	74.2	131.6	138.8	250.5	341.8	394.2	427.0	473.4	482.8	574.3
Salaries and wages	29.9	48.6	82.5	128.8	152.1	175.2	211.9	223.5	238.3	259.3
Improvements, maintenance	4.7	8.3	15.5	26.0	40.4	44.0	48.7	63.9	67.9	77.3
Construction	33.2	55.3	23.9	36.6	85.5	105.9	82.4	101.5	76.7	126.8
Other	6.5	19.5	17.0	59.1	63.8	69.0	84.0	84.5	99.9	110.8
Funds available	115.7	183.1	174.6	437.5	428.0	459.6	599.6	653.3	616.7	657.0
Appropriations	79.6	128.4	129.4	295.8	345.6	364.5	492.8	552.1	526.2	539.6
Other	36.2	54.7	45.2	141.7	82.4	95.1	106.8	101.2	90.5	117.4
Revenue from operations [2]	5.7	7.4	8.8	13.9	17.2	19.6	21.3	22.9	21.1	21.1
Visits (millions): [3]										
All areas	79.2	121.3	172.0	217.4	238.8	267.7	262.6	283.1	282.4	300.3
National parks [4]	26.6	36.6	45.9	53.1	58.8	60.6	62.0	62.9	57.5	60.2
National monuments	10.7	12.3	17.3	15.2	17.3	19.3	18.5	19.1	16.8	16.3
National historical, archeological, and military areas	21.8	40.7	47.0	72.9	75.7	82.8	85.5	88.4	83.9	88.5
National parkways	9.0	13.0	27.8	34.5	36.0	38.3	36.8	37.7	35.0	40.2
National recreation areas [4]	3.7	6.2	11.5	18.1	23.9	30.9	36.2	38.9	41.3	48.1
National seashores	.5	3.4	9.1	11.5	13.3	15.2	16.5	17.6	14.2	15.0
National Capital Parks [5]	6.9	9.2	10.3	8.7	11.2	12.0	2.9	3.3	2.8	4.1
Miscellaneous other areas	(x)	(x)	3	3	2.6	8.5	4.2	15.1	31.5	28.0
Overnight stays reported	9.4	13.0	16.2	15.4	16.7	17.4	17.5	17.6	16.0	16.5
Camper days	4.8	8.1	9.0	8.4	8.8	9.3	9.3	9.1	7.9	8.3
Tents	3.6	5.1	4.7	3.8	3.7	3.9	4.0	3.8	3.4	3.9
Recreation vehicles	1.3	3.0	4.3	4.6	5.1	5.4	5.3	5.4	4.5	4.4
In commercial lodgings	2.8	3.3	4.9	3.7	4.0	3.1	4.0	4.1	4.0	4.1
Other	1.8	1.6	2.2	3.3	3.9	5.0	4.2	4.3	4.1	4.1
Land (1,000 acres):										
Total [6]	25,704	26,549	28,543	29,031	29,091	29,389	29,571	[7] 70,541	70,797	70,936
Parks	13,208	13,619	14,307	14,777	15,344	15,365	15,374	15,679	15,684	15,801
Recreation areas	3,214	3,497	3,628	3,536	3,156	3,276	3,266	3,255	3,280	3,322
Other	9,283	9,432	10,608	10,718	10,590	10,748	10,931	51,607	51,833	51,813
Acquisition, gross	21	319	83	75	110	163	224	266	86	121
By purchase	6	42	74	59	70	107	218	261	65	109
By gift	10	13	1	10	(z)	49	5	5	4	7
By transfer or exchange	5	264	10	6	40	7	(z)	(z)	17	5
Exclusion	(z)	[8](z)	2	(z)	(z)	7	(z)	(z)	1	(z)
Acquisition, net	21	318	82	75	110	156	224	266	85	121

X Not applicable. Z Less than 500 acres. [1] Excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). [2] Receipts deposited in Treasury; beginning 1974, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. [3] For calendar year. For 1960 excludes visits to White House.

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

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1974-1976, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

No. 391. National Park System—Types of Areas: 1980

[As of **September 30**. Totals include White House (18 acres), National Visitor Center, and 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	**333**	**70,936,585**	National seashores	10	454,138
			Parkways	4	156,741
National parks	48	15,800,758	National lakeshores	4	126,990
National historical parks	25	68,624	National rivers	10	189,914
National monuments	78	50,156,854	National Capital Parks	1	6,469
National military parks	10	33,514			
National battlefields	10	7,395	Parks, other	10	30,804
			National recreation areas	17	3,322,066
National battlefield parks	3	6,673	National Trail	1	34,190
National battlefield sites	1	12	National preserves	12	517,254
National historic sites	64	16,167	National Mall	1	146
National memorials	22	7,858			

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

No. 392. Selected National Park Service Areas—Acreage, 1980, Visits and Overnight Stays, 1979 and 1980

[Acreage as of **December 31.** Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1980]

Area	Acreage,[1] 1980 (1,000)	Visits (mil.) 1979, total	Visits (mil.) 1980 Total	Visits (mil.) 1980 Recreation	Visits (mil.) 1980 Nonrecreation[2]	Overnight stays[3] (1,000) 1979	Overnight stays[3] (1,000) 1980
Total, all areas[4]	**77,044**	**282.4**	**300.3**	**220.5**	**79.9**	**15,979**	**16,495**
Blue Ridge Parkway, Ga., N.C., Va	82	14.8	16.7	13.4	3.3	255	312
Cape Hatteras National Seashore, N.C	30	1.7	1.7	1.5	.2	290	310
Chickamauga and Chattanooga National Military Park, Ga., Tenn	8	13.5	14.2	1.2	13.0	2	2
Colonial National Historical Park, Va	10	10.2	9.1	6.3	2.7	-	-
Death Valley National Monument, Calif	2,068	.7	.6	.6	(z)	332	318
Gateway National Recreation Area, N.J., N.Y	26	9.1	9.4	9.1	.3	13	6
Glacier National Park, Mont	1,014	1.5	1.5	1.5	(z)	346	323
Glen Canyon National Recreation Area, Ariz., Utah	1,237	1.7	1.7	1.6	.1	1,250	1,100
Golden Gate National Recreation Area, Calif	42	11.3	18.4	18.4	-	5	-
Grand Canyon National Park, Ariz	1,218	2.3	2.5	2.3	.2	764	705
Grand Teton National Park, Wyo	311	3.5	3.5	2.6	.9	532	556
Great Smoky Mountains National Park, N.C., Tenn	520	11.2	11.9	8.4	3.5	546	521
Hot Springs National Park, Ark	6	5.1	5.3	1.2	4.1	9	8
Indiana Dunes National Lakeshore, Ind	13	2.0	1.6	1.2	.4	411	411
Kennesaw Mountain National Battlefield Park, Ga	3	6.6	6.7	.9	5.8	4	4
Kings Canyon National Park, Calif	460	.8	.8	.8	(z)	288	343
Lake Mead National Recreation Area, Ariz., Nev	1,497	6.4	5.2	5.0	.2	1,444	1,484
Natchez Trace Parkway, Miss., Tenn., Ala	48	14.2	15.9	10.6	5.3	14	14
Olympic National Park, Wash	915	2.6	2.5	2.0	.5	402	388
Ozark National Scenic Riverways, Mo	81	1.9	1.8	1.4	.4	255	270
Rocky Mountain National Park, Colo	264	2.6	2.6	2.6	(z)	377	317
Sequoia National Park, Calif	403	.8	.9	.9	(z)	371	460
Shenandoah National Park, Va	195	1.6	1.8	1.7	.1	435	475
Valley Forge National Historical Park, Pa	4	11.4	11.5	3.2	8.3	-	-
Yellowstone National Park, Idaho, Mont., Wyo	2,220	1.9	2.0	2.0	(z)	1,274	1,220
Yosemite National Park, Calif	761	2.4	2.6	2.5	.1	1,510	2,035

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

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

No. 393. National Forest Recreation Use—Summary: 1980

[For year ending **September 30.** Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

Place where use occurred	Visitor-days (1,000)	Percent	Activity	Visitor-days (1,000)	Percent
Sites and areas	**233,549**	**100.0**	**Total**	**233,549**	**100.0**
Developed sites	**85,611**	**36.7**	Camping	57,211	24.5
Observation sites	1,374	.6	Picnicking	9,512	4.1
Boating sites	3,040	1.3	Recreation travel (mechanized)	54,998	23.6
Swimming sites, playgrounds, etc	2,126	.9	Water travel	7,891	3.4
Campgrounds	40,276	17.3	Games and team sports	969	.4
Picnic grounds	6,012	2.6	Water skiing and other water sports	995	.4
Hotels, lodges, resorts	4,642	2.0	Swimming and scuba diving	5,140	2.2
Organization sites	5,390	2.3	Winter sports	13,864	5.9
Recreation residence sites	6,772	2.9	Fishing	17,117	7.3
Winter sports sites	13,550	5.8	Hunting	15,747	6.8
Visitor centers and concessions	2,429	1.0	Hiking and mountain climbing	12,259	5.3
Dispersed areas	**147,938**	**63.3**	Horseback riding	3,346	1.4
Roads (recreation)	55,518	23.8	Resort use	4,443	1.9
Trails (recreation)	12,774	5.4	Organization camp use	4,112	1.8
Waters	27,390	11.7	Recreation cabin use	6,838	2.9
General undeveloped country	52,256	22.4	Gathering forest products	4,739	2.0
			Nature study	1,724	.7
			Viewing scenery, sports	8,003	3.4
			Visitor information (exhibits, etc.)	4,641	2.0

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

No. 394. Recreational Use of Public Lands Administered by Bureau of Land Management: 1970 to 1980

Year and State	Number of sites	Developed acreage (1,000)	Recreation visits [1] (mil.)					Visitor days [1] [3] (mil.)				
			Total [2]	Sightseeing	Off-road vehicles	Hunting, fishing	Camping	Total [2]	Sightseeing	Off-road vehicles	Hunting, fishing	Camping
1970	188	10.7	67.2	27.2	(NA)	15.9	8.1	38.7	9.5	(NA)	10.8	8.4
1975	426	13.5	61.1	34.3	(NA)	9.2	5.4	33.0	9.7	(NA)	9.1	6.6
1976	326	12.2	149.9	111.6	2.9	14.6	7.5	58.3	25.3	2.3	13.4	8.3
1977	364	23.1	144.5	112.6	3.6	13.6	5.3	91.5	63.7	3.0	12.2	5.5
1978	346	18.6	196.0	151.6	8.1	14.3	6.3	58.2	28.5	3.0	14.4	6.3
1979	410	49.7	146.3	99.4	16.8	15.1	6.2	64.7	25.6	8.6	14.4	7.5
1980, total [4]	**407**	**50.0**	**107.9**	**55.1**	**17.6**	**17.5**	**6.5**	**69.5**	**25.9**	**8.9**	**16.6**	**8.1**
Alaska	18	.3	14.1	3.3	(z)	5.0	3.3	5.1	1.1	(z)	1.7	1.9
Arizona	15	1.0	8.2	6.8	.1	.4	.1	7.4	6.1	.1	.2	.8
California	65	5.0	26.2	6.7	15.5	1.9	.9	17.0	2.4	7.5	1.3	1.5
Nevada	9	16.3	4.1	2.8	.6	.3	.1	3.4	2.9	.2	.2	.1
New Mexico	29	17.6	9.1	8.2	.1	.5	(z)	7.0	6.1	.2	.4	.1
Oregon	130	1.3	9.2	6.6	.1	1.4	.4	4.3	1.1	.1	1.8	.9
Wyoming	32	5.3	10.1	8.4	.5	.5	.3	4.1	2.5	.2	.6	.5

NA Not available. Z Less than 50,000. [1] Includes visits to lands or sites leased to non-Federal interests for recreation purposes. Method of collecting data varied by State and year. [2] Includes other types of recreation not shown separately. [3] A visitor day is the aggregation of 12 visitor hours, where a visitor hour is the presence of one or more persons for periods aggregating 60 minutes. [4] Includes States not shown separately.

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

No. 395. State Park and Recreation Areas—States: 1979 and 1980

[For years ending **June 30**. Based on reports of 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 only responsible for State parks]

State	Acreage, **1980** (1,000)	Visitors (1,000)		Expenditures [1] (mil. dol.)	
		1979	1980	1979	1980
U.S	**9,468**	**609,010**	**548,882**	**1,078**	**993**
Ala	48	6,580	6,506	10	13
Alaska	3,314	3,279	2,910	2	[2] (z)
Ariz	29	3,480	2,352	3	[2] 2
Ark	42	6,991	5,786	16	15
Calif	1,005	56,388	58,024	410	316
Colo	(NA)	5,876	(NA)	10	(NA)
Conn	198	7,067	7,300	10	[2] 4
Del	9	2,274	2,801	3	4
Fla	286	12,947	11,489	18	32
Ga	52	14,363	11,813	11	10
Hawaii	25	18,733	16,760	11	19
Idaho	83	2,233	2,049	4	4
Ill	327	33,450	32,314	34	37
Ind	54	7,147	7,691	10	14
Iowa	52	14,000	8,824	5	8
Kansas	29	4,676	4,342	3	4
Ky	41	32,061	29,758	47	47
La	30	4,329	4,211	9	20
Maine	67	2,245	1,846	5	2
Md	83	5,064	5,240	20	[2] 7
Mass	238	9,190	9,872	17	15
Mich	244	23,656	21,426	19	21
Minn	189	6,689	5,815	16	12
Miss	21	3,392	4,065	21	13
Mo	96	9,961	9,283	[2] 2	13
Mont	43	(NA)	1,030	(NA)	5
Nebr	131	7,000	7,282	7	8
Nev	151	3,332	3,338	[2] 2	[2] 3
N.H	70	4,395	3,662	6	9
N.J	260	5,185	6,134	23	36
N. Mex	72	3,707	4,104	6	7
N.Y	253	46,890	39,729	60	78
N.C	117	(NA)	4,852	8	4
N.Dak	16	1,105	1,013	3	4
Ohio	188	39,551	12,897	40	47
Okla	95	17,951	18,294	10	13
Oreg	92	35,486	34,455	32	12
Pa	275	32,646	15,613	27	[2] 23
R.I	12	(NA)	7,703	4	1
S.C	68	11,389	12,719	15	13
S. Dak	90	4,875	4,573	4	4
Tenn	131	15,513	14,989	33	18
Tex	134	13,401	14,022	23	27
Utah	69	7,164	6,718	17	(NA)
Vt	157	904	1,211	2	2
Va	53	3,120	4,402	3	5
Wash	86	38,747	37,154	15	19
W. Va	149	8,416	8,206	14	17
Wis	69	12,162	12,306	7	7
Wyo	123	(NA)	(NA)	1	2

NA Not available. Z Less than $500,000. [1] Covers operating expenditures and fixed capital outlay expenditures. [2] Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, Indiana, *Information Exchange*, annual.

No. 396. Personal Consumption Expenditures for Recreation: 1960 to 1980

[**In millions of dollars, except percent.** Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970,* series H 878-893, for single-year figures prior to minor revisions issued in 1981]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1975	1977	1978	1979	1980
Total recreation expenditures	**17,855**	**25,907**	**41,322**	**65,554**	**79,782**	**89,313**	**99,051**	**106,414**
Percent of total personal consumption [1]	5.5	6.0	6.6	6.7	6.6	6.6	6.6	6.4
Books and maps	1,139	1,648	2,903	3,775	4,586	5,505	6,183	6,962
Magazines, newspapers, sheet music	2,164	2,662	4,005	5,640	6,653	7,427	8,129	8,881
Nondurable toys and sport supplies	2,477	3,585	5,474	8,523	10,063	11,304	12,832	14,017
Wheel goods, durable toys, sports equip., boats, pleasure aircraft	1,976	2,888	5,146	9,734	12,171	13,905	15,699	15,446
Radio and TV receivers, records, musical instr	3,003	5,041	8,436	13,970	16,960	18,654	20,324	21,602
Radio and television repair	774	933	1,279	2,246	2,668	2,925	3,253	3,658
Flowers, seeds, and potted plants	703	1,272	1,775	2,965	3,543	4,156	4,454	4,500
Admissions to specified spectator amusements	1,652	2,123	3,210	3,591	4,997	5,450	5,931	6,424
Motion picture theaters	956	1,067	1,536	1,480	2,376	2,442	2,562	2,822
Legitimate theaters and opera, and entertainments of nonprofit institutions [2]	342	388	501	667	868	1,064	1,230	1,318
Spectator sports	354	668	1,173	1,444	1,753	1,944	2,139	2,284
Clubs and fraternal organizations [3]	728	859	1,216	1,654	1,811	1,922	2,078	2,295
Commercial participant amusements [4]	1,200	1,695	2,189	3,615	4,414	4,898	5,455	6,150
Parimutuel net receipts	539	814	1,096	1,568	1,712	1,722	1,762	1,898
Other [5]	1,500	2,387	4,593	8,273	10,204	11,445	12,951	14,581

[1] See table 708. [2] Except athletic. [3] Consists of dues and fees excluding insurance premiums. [4] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; and private flying operations. [5] 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, 1929-1976; Statistical Tables 1976-1979;* and *Survey of Current Business,* July 1981.

No. 397. Phonograph Records and Magnetic Tapes—Summary: 1970 to 1980

[Domestic shipments based on reports of manufacturers representing more than 90 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Domestic shipments, total	(NA)	**533**	**698**	**726**	**683**	**649**	**1,660**	**2,391**	**3,500**	**4,131**	**3,676**	**3,682**
Phonograph records	(NA)	421	534	531	502	465	1,182	1,696	2,440	2,734	2,411	2,450
Long-playing albums	(NA)	257	344	341	290	308	(NA)	1,485	2,195	2,473	2,058	2,200
Singles	(NA)	164	190	190	212	157	(NA)	212	245	260	354	250
Pre-recorded tapes	(NA)	[1] 112	164	195	181	184	[1] 478	[1] 695	1,061	1,398	1,265	1,232
8-track cartridges	(NA)	95	127	134	102	85	378	583	811	948	684	527
Cassettes	(NA)	16	37	61	79	99	77	99	250	450	581	705
Imports for consumption [2]	**13**	**16**	**140**	(NA)	**188**	**214**	**28**	**61**	**98**	**161**	**188**	**221**
Phonograph records	10	9	15	(NA)	19	18	6	12	22	37	32	34
Pre-recorded tapes	3	7	19	29	22	20	1	3	6	10	9	13
Blank tapes	-	-	106	147	147	176	21	46	70	114	147	174

- Represents zero. NA Not available. [1] Includes quadraphonic and reel-to-reel tapes. [2] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports,* Report FT 246, annual. Number represents net quantity imported. Value reported on f.a.s. (free alongside ship) transaction basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, N.Y., press release.

No. 398. Home Gardening—Summary: 1975 to 1980

[Based on national sample survey conducted by the Gallup Organization. For the 1980 survey a total of 3,151 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1979	1980
Households with vegetable gardens (mil.)	35	33	34
Percent of total	49	42	43
Median size of garden (sq. ft.)	540	595	663
Median yield per garden (dol.)	258	375	460
Median cost per garden (dol.)	16	19	19
Percent of households—			
With flower gardens	39	38	37
Engaged in lawn care	56	56	52
Growing fruits or berries	12	22	21
With indoor houseplants	40	45	40

CHARACTERISTIC OF RESPONDENT	1980, PERCENT WITH—		
	Vegetable garden	Flower garden	Lawn care
18-29 yrs. old	32.5	26.6	47.7
30-49 yrs. old	45.0	41.2	59.5
50 yrs. and over	48.1	39.9	49.6
Northeast	40.6	34.9	46.1
North Central	54.3	40.1	61.3
South	42.2	33.2	52.2
West	28.5	38.6	48.0
Central city	30.8	32.3	42.5
Suburb	33.8	34.4	49.5
Small town	44.2	43.3	61.6
Rural	64.6	40.7	63.0

Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey,* annual. (Copyright.)

No. 399. Participation in Selected Outdoor Recreation Activities: 1977

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

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

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

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

No. 400. Sport Fishing and Hunting Licenses—Number and Cost: 1960 to 1979

[For years ending **June 30** except, beginning **1976**, ending **Sept. 30**. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

Item	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Fishing licenses: Sales	Million	**23.3**	**25.0**	**31.1**	**34.3**	**34.7**	**34.9**	**34.0**	**32.8**	**35.4**
Resident	Million	20.2	21.6	26.8	29.5	30.0	29.8	29.0	27.9	30.2
Nonresident	Million	3.1	3.4	4.3	4.8	4.7	5.1	5.0	4.9	5.1
Paid license holders [1]	Million	19.1	20.5	24.4	29.1	27.5	27.8	27.3	26.2	27.9
Cost to anglers	Mil. dol.	52	63	91	128	142	155	156	159	174
Hunting licenses: Sales	Million	**18.4**	**19.4**	**22.2**	**25.1**	**25.9**	**25.2**	**25.4**	**25.8**	**26.4**
Resident	Million	17.8	18.5	21.0	23.8	24.7	24.0	24.1	24.4	25.0
Nonresident	Million	.6	.9	1.2	1.3	1.3	1.3	1.3	1.4	1.4
Paid license holders [1]	Million	[2] 11.8	14.3	15.4	16.4	16.6	16.3	16.2	16.3	16.6
Cost to hunters	Mil. dol.	61	75	102	143	155	164	173	185	199
Federal duck stamps sold	1,000	**1,629**	**1,566**	**2,072**	**2,046**	**2,222**	**2,219**	**2,197**	**2,209**	**2,216**

[1] Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license. [2] Excludes Colo., Mich., Minn., and Wis.

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

No. 401. Sport Fishermen and Hunters: 1960 to 1975

[**In thousands.** Persons 12 years old and over, except **1975**, 9 years old and over. **1960** and **1975**, persons who fished and hunted; **1965**, persons who spent $5 or more; **1970**, persons who spent $7.50 or more; also for **1965** and **1970**, persons who reported 3 or more fishing and hunting days in year. **1960-1970** based on samples of approximately 18,000 households; for **1975**, on 20,200 individuals. NA = Not available]

Item	Fishermen and hunters, 1960	Fishermen and hunters, 1965	1970, persons who— Fished and/or hunted	1970, persons who— Fished	1970, persons who— Hunted	1975, persons who— Fished and/or hunted	1975, persons who— Fished	1975, persons who— Hunted
Total	**30,435**	**32,881**	**36,277**	**33,158**	**14,336**	**59,536**	**53,929**	**20,591**
Male	23,171	25,216	26,928	24,073	13,467	(NA)	37,211	18,944
Female	7,264	7,665	9,349	9,085	869	(NA)	16,718	1,647
Metropolitan areas	8,741	14,811	15,354	14,417	4,606	(NA)	36,672	11,531
Nonmetropolitan areas	21,693	18,070	20,923	18,741	9,731	(NA)	17,257	9,060

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

No. 402. Selected Recreational Activities: 1960 to 1980

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

Activity	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Softball, amateur: [1]									
Total participants [2]	Million	(NA)	(NA)	16	26	28	29	30	30
Youth participants	1,000	(NA)	(NA)	255	450	495	570	600	650
Adult teams [3]	1,000	(NA)	16	29	66	80	92	102	110
Youth teams [3]	1,000	(NA)	(NA)	2	9	13	14	15	18
Golfers (15 rounds or more) [4]	1,000	4,400	7,750	9,700	12,036	12,451	12,655	12,870	13,000
Golf courses [5]	Number	6,385	8,323	10,188	12,306	12,511	12,684	12,788	12,849
9-hole	Number	3,660	4,554	5,343	6,024	5,960	5,985	6,001	5,993
18-hole and larger	Number	2,725	3,769	4,845	6,282	6,551	6,699	6,787	6,856
Classification:									
Private	Number	3,236	3,887	4,619	5,085	5,136	5,168	5,146	5,151
Daily fee	Number	2,254	3,368	4,248	5,473	5,538	5,622	5,702	5,741
Municipal	Number	895	1,068	1,321	1,748	1,837	1,894	1,940	1,957
Tennis: [6] Players	1,000	5,000	(NA)	10,655	[7] [8] 33,949	(NA)	[7] 31,217	[7] 32,271	(NA)
Indoor	1,000	(NA)	(NA)	(NA)	[7] [8] 3,463	(NA)	(NA)	5,000	(NA)
Tennis courts	1,000	(NA)	(NA)	(NA)	130.0	(NA)	(NA)	160.0	(NA)
Indoor	1,000	(NA)	(NA)	(NA)	7.8	(NA)	(NA)	11.9	(NA)
Tenpin bowling: [9]									
Establishments	Number	8,997	10,752	9,140	8,577	8,640	8,698	8,699	8,591
Lanes	1,000	108	159	141	141	147	152	154	154
Membership, total [10]	1,000	5,538	8,010	7,733	8,751	9,453	9,717	9,649	9,595
American Bowling Congress	1,000	3,665	4,944	4,210	4,300	4,583	4,686	4,662	4,688
Women's Bowling Congress	1,000	1,543	2,736	2,988	3,692	4,044	4,177	4,163	4,118
Duckpin bowling: [11] [12]									
Establishments	Number	653	641	486	205	200	197	185	182
Lanes	Number	8,707	8,714	6,648	3,643	3,517	3,496	3,378	3,337
Teams	1,000	62.1	80.6	75.3	25.9	27.7	25.7	22.5	(NA)
Motion picture theaters [13] [14]	1,000	[12] [15] 16	13	14	15	16	16	17	18
Four-wall	1,000	[12] [15] 12	9	10	11	13	13	13	14
Drive-in	1,000	[12] [15] 4	4	4	4	3	3	4	4
Receipts, box office	Mil. dol	[12] [15] 951	927	1,225	2,115	2,372	2,643	2,821	2,749
Admission, average price	Dollars	[12] [15] .65	[16] .85	1.55	2.05	2.23	2.34	2.52	2.69
Bicycles: [17]									
Domestic shipments	Million	2.6	4.6	5.0	5.6	7.5	7.5	9.0	7.0
Imports	Million	1.1	1.0	1.9	1.7	1.9	1.9	1.8	2.0
Boating: [18]									
Recreational boats owned	Million	8.0	7.9	8.8	9.7	10.5	11.3	11.6	11.8
Outboard boats	Million	4.1	4.5	5.2	5.7	6.2	6.6	6.7	6.8
Inboard boats	Million	.9	.6	.6	.8	1.0	1.1	1.3	1.2
Sailboats	Million	.5	.6	.6	.8	.8	.9	.9	1.0
Canoes	Million	2.5	2.2	2.4	2.4	2.3	2.7	1.2	1.3
Rowboats and other	Million							1.5	1.5
Expenditures, total [19]	Bil. dol	2.5	2.7	3.4	4.8	5.9	6.7	7.5	7.4
Outboard motors in use	1,000	5,800	6,645	7,215	7,649	7,760	7,880	7,958	8,265
Motors sold	1,000	468	393	430	435	462	450	375	315
Value, retail	Mil. dol	221	183	281	411	607	634	597	554
Outboard boats sold	1,000	[20] 294	250	276	328	336	331	322	290
Value, retail	Mil. dol	(NA)	133	177	263	391	430	469	408
Inboard/outdrive boats sold	1,000	([20])	17	43	70	84	90	89	56
Value, retail	Mil. dol	(NA)	64	182	420	672	819	827	616
Snowmobiles: [21]									
Factory sales	1,000	(NA)	15	172	144	118	155	115	105
Apparent consumption [22]	1,000	(NA)	32	405	145	132	183	167	129

NA Not available. [1] Source: Amateur Softball Association, Oklahoma City, Okla. [2] Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only. [4] Source: National Golf Foundation, North Palm Beach, Fla. [5] Prior to 1975, figures represent facilities. [6] Source: U.S. Tennis Association, Princeton, N.J. [7] Survey by A. C. Nielsen Co. [8] 1974 data. [9] Source: American Bowling Congress, Greendale, Wis. Season ending in year shown. [10] Includes American Jr. Bowling Congress and ABC/WIBC Collegiate Division. Beginning 1978, covers members in U.S. only. [11] Source: National Duckpin Bowling Congress, Washington, D.C. Season beginning in year shown. [12] Excludes Alaska and Hawaii. [13] Source: Motion Picture Association of America, Inc., New York, N.Y. [14] Prior to 1975, figures represent theaters; thereafter, screens. [15] 1958 data. [16] 1963 data. [17] Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C. [18] Source: Marex, Inc., Chicago, Ill. [19] Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. [20] Inboard/outdrive boats sold included with outboard boats sold. [21] Source: U.S. International Trade Commission. 1979 and 1980 estimated. [22] Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

No. 403. Selected Spectator Sports: 1960 to 1980

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

SPORT	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Baseball, major leagues: [1 2]									
Attendance	1,000	20,261	22,806	29,191	30,373	39,523	41,402	44,262	43,746
Regular season	1,000	19,911	22,442	28,747	29,789	38,710	40,637	43,550	43,014
National League	1,000	10,685	13,581	16,662	16,600	19,070	20,107	21,178	21,124
American League	1,000	9,227	8,861	12,085	13,189	19,640	20,530	22,372	21,890
Playoffs	1,000	(x)	(x)	191	276	475	428	344	407
World Series	1,000	350	364	253	308	338	337	368	325
Basketball: [3]									
College: [4] Teams	Number	(NA)	(NA)	(NA)	(NA)	1,214	1,253	1,240	1,258
Attendance	1,000	(NA)	(NA)	(NA)	(NA)	29,041	29,104	30,025	30,692
Professional, attendance [1 5]	1,000	1,986	2,750	[6] 7,113	[6] 10,954	10,706	10,672	10,665	10,677
Football:									
College: [4] Teams	Number	620	616	617	634	638	643	643	642
Attendance	1,000	20,403	24,683	29,466	31,688	32,905	34,252	35,020	35,541
Pro: [7] Total attendance	1,000	[8] 4,154	[8] 6,547	9,992	10,689	11,552	13,395	13,812	14,017
Regular season	1,000	[8] 4,054	[8] 6,416	9,533	10,213	11,018	12,771	13,182	13,392
Average per game	*Number*	*[9] 40,106*	*[9] 47,286*	*52,381*	*56,116*	*56,218*	*57,017*	*58,848*	*59,797*
Postseason games [1 0]	1,000	[8] 100	[8] 131	458	476	534	624	630	625
North American Soccer League: [11]									
Teams	Number	(x)	(x)	6	20	18	24	24	24
Attendance	1,000	(x)	(x)	(NA)	1,825	3,674	5,351	5,800	6,194
National Hockey League: [3 12]									
Regular season attendance	1,000	2,387	2,823	5,992	9,522	8,564	8,526	8,333	[13] 10,534
Playoffs attendance	1,000	187	304	462	784	646	686	694	[13] 977
World Hockey Association: [3 14]									
Regular season attendance	1,000	(x)	(x)	(x)	4,096	3,625	2,890	2,193	([13])
Playoffs attendance	1,000	(x)	(x)	(x)	336	401	231	186	([13])
Professional boxers [1 5 1 6]	Number	[17] 2,920	2,202	5,071	7,647	8,872	9,143	9,461	11,264
Boxing receipts, gross [1 5 1 8]	$1,000	[17] 5,902	8,264	10,642	13,179	[19] 19,036	24,785	28,653	34,900
Horseracing: [20 21] Racing days	Number	6,099	8,051	9,962	13,110	13,300	13,147	13,160	13,133
Attendance	1,000	46,879	62,887	69,704	78,662	75,987	75,324	72,783	74,690
Parimutuel turnover	Mil. dol	3,358	4,615	5,977	7,862	9,698	10,029	10,728	11,218
Revenue to government	*Mil. dol*	*258*	370	486	582	700	673	681	713
Greyhound: [20] Racing days	Number	2,478	3,443	3,023	3,960	5,218	5,501	6,110	5,855
Attendance	1,000	7,924	10,865	12,660	17,458	19,985	20,272	21,127	20,874
Parimutuel turnover	Mil. dol	322	460	730	1,261	1,591	1,746	1,985	2,064
Revenue to government	Mil. dol	22	33	53	91	119	128	145	152

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, N.Y., *National League Green Book;* and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book.* [3] Season ending in year shown. [4] Source: National Collegiate Athletic Assn., Shawnee Mission, Kans. [5] Source: National Basketball Assn., New York, N.Y. Includes playoffs. [6] Includes American Basketball Assn., which, beginning 1977, ceased operation. [7] Source: National Football League, New York, N.Y. [8] Includes American Football League. Beginning 1970, American Football League merged with National Football League. [9] Covers NFL games only. [10] Beginning 1970, includes Pro Bowl, a non-championship game. [11] Source: North American Soccer League, New York, N.Y. [12] Source: National Hockey League, Montreal, Quebec. [13] World Hockey Association ceased operation after 1978-1979 season. Four former W.H.A. teams joined NHL in 1979-1980 season. [14] Source: The World Hockey Assn., Hartford, Conn. [15] Source: The Ring Publishing Corp., New York, N.Y., *The Ring Magazine* (copyright). [16] Boxers listed for one or more bouts. [17] Excludes Alaska. [18] Excludes closed-circuit TV receipts. [19] Unpublished unofficial estimate. [20] Source: National Assn. of State Racing Commissioners, Lexington, Ky. [21] Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

No. 404. Financial Support of the Arts by Private Business—Summary: 1967 to 1979

[Based on a sample survey of business organizations listed in Dun & Bradstreet's Million Dollar Directory and Middle Market Directory. For 1979, 1,343 of 17,172 companies responded. Subject to sampling variability; contact source for details]

YEAR	TOTAL SUPPORT (mil. dol.)		TYPE OF ART FORM	PERCENT OF CONTRIBUTORS SUPPORTING—			PERCENT OF TOTAL SUPPORT GIVEN TO—		
	Current dollars	Constant (1970) dollars		1973	1976	1979	1973	1976	1979
1967	22	26	Museums	20	53	56	18	22	19
1970	68	68	Symphony orchestras	27	68	69	13	12	12
1973	144	126	Public radio, television	11	36	35	11	19	11
1976	221	151	Art or cultural centers	15	34	37	9	9	10
1979	436	233	Art funds, councils	13	33	36	7	5	7
			Theaters	11	42	51	3	7	7
			Art exhibits	5	14	15	4	1	5

Source: Business Committee for the Arts, Inc., New York, N.Y., press release.

NO. 405. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1980

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

TYPE OF FUND AND PROGRAM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
National Endowment for the Arts:										
Funds available [1]	15.7	36.3	45.3	71.8	86.9	95.6	114.5	142.0	179.6	188.1
Program appropriation	6.3	26.2	34.7	54.3	67.3	74.5	77.5	89.1	102.1	97.0
Non-Federal gifts [2]	2.0	3.5	3.6	7.3	7.7	7.5	16.5	25.5	37.5	42.9
Matching funds [3]	2.0	3.5	3.5	6.5	7.5	7.5	16.5	25.5	37.5	42.9
Grants awarded (number)	556	1,543	2,112	2,957	3,071	4,325	4,302	4,225	5,090	5,651
Funds obligated	12.9	33.1	42.0	67.6	81.7	92.6	112.6	141.9	178.4	166.4
Music	2.5	9.7	10.4	16.1	14.9	17.2	17.3	19.5	16.4	13.6
State arts agencies	1.9	5.5	6.9	10.6	14.7	15.6	16.3	18.9	22.8	22.1
Museums	(NA)	4.1	4.6	9.0	10.8	11.4	10.9	12.4	11.6	11.2
Theater	2.8	2.7	3.3	5.0	6.4	6.3	6.9	7.5	8.3	8.4
Dance	1.7	2.3	2.8	3.9	6.1	5.6	6.0	7.0	8.1	8.0
Public media	.2	2.0	2.8	4.9	5.4	9.3	8.0	9.0	9.4	8.4
Challenge [4]	(x)	(x)	(x)	(x)	(x)	(x)	18.0	36.0	59.8	50.8
Other	3.8	6.8	11.3	18.3	23.3	27.2	29.2	31.7	42.0	43.8
National Endowment for the Humanities:										
Funds available [1]	13.0	36.4	47.5	65.6	86.0	98.8	124.3	137.8	186.9	181.2
Program appropriation	6.1	24.5	34.5	44.5	67.3	72.0	77.5	87.8	98.3	100.3
Non-Federal gifts [2]	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5	38.4
Matching funds [3]	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5	38.4
Grants awarded (number)	542	1,109	1,256	1,293	1,330	1,614	2,045	2,701	2,600	2,919
Funds obligated	10.5	31.9	40.5	60.2	73.1	86.6	116.8	149.0	185.1	185.4
Education programs	4.2	12.8	11.8	17.1	17.1	20.0	20.1	19.8	20.0	18.3
State programs	(x)	(x)	(x)	(x)	(x)	(x)	19.9	20.5	24.7	25.9
Research grants	2.0	7.8	9.7	13.7	13.4	18.6	22.2	26.3	32.2	32.0
Fellowship program	1.7	5.3	7.4	7.5	10.9	11.7	13.2	15.5	16.8	18.0
Public programs	1.7	5.3	9.7	19.0	26.3	31.2	15.7	19.4	23.7	25.1
Special programs and planning	.9	.7	1.9	2.9	5.5	5.1	6.6	7.9	12.1	12.6
Challenge [4]	(x)	(x)	(x)	(x)	(x)	(x)	19.1	39.5	55.6	53.5

NA Not available. X Not applicable. [1] Includes other funds, not shown separately. Excludes administrative funds. [2] Gifts received by the Endowment for the support of a cultural organization, which release a like amount in Federal funds. [3] Represents Federal funds appropriated only upon receipt by Endowment of matching non-Federal gifts. [4] Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis.

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

NO. 406. STATE LEGISLATIVE APPROPRIATIONS FOR ARTS AGENCIES: 1970 TO 1981

[For fiscal years ending in year shown. Fiscal years for most States ended **June 30**]

STATE	1970, total ($1,000)	1975, total ($1,000)	1980, total ($1,000)	1981 Total ($1,000)	1981 Per capita (dol.)
Total	**7,670**	**58,152**	**101,029**	**111,094**	**.49**
Ala	100	125	525	525	.14
Alaska	48	216	1,675	1,931	4.76
Ariz	24	83	233	263	.11
Ark	-	167	846	856	.39
Calif	171	1,000	7,891	11,281	.48
Colo	27	1,251	609	730	.25
Conn	115	394	1,305	1,249	.40
Del	45	43	123	175	.29
D.C	26	30	356	551	.87
Fla	5	399	2,378	2,675	.28
Ga	88	102	1,102	1,316	.24
Hawaii	164	599	1,545	1,968	2.04
Idaho	10	23	86	117	.12
Ill	250	925	2,246	3,168	.28
Ind	25	161	1,277	1,273	.23
Iowa	31	71	313	305	.11
Kans	66	79	262	343	.15
Ky	135	226	857	1,005	.28
La	28	60	857	2,003	.48
Maine	80	163	180	217	.19
Md	278	450	1,345	1,564	.37
Mass	100	1,600	2,300	4,000	.70
Mich	140	2,109	6,076	5,037	.55
Minn	113	300	2,845	3,060	.75
Miss	-	113	307	380	.15
Mo	193	1,249	2,531	2,489	.51
Mont	25	28	93	97	.12
Neb	12	129	399	434	.28
Nev	-	15	87	88	.11
N.H	10	45	153	162	.18
N.J	78	793	3,333	2,983	.41
N. Mex	20	65	203	215	.17
N.Y	2,256	35,653	33,285	33,179	1.90
N.C	90	222	1,379	1,413	.24
N. Dak	-	5	101	101	.15
Ohio	223	976	4,709	4,664	.43
Okla	66	95	552	875	.29
Oreg	25	53	335	349	.13
Pa	204	1,490	2,594	2,821	.24
R.I	106	267	359	403	.43
S.C	132	596	941	1,023	.33
S. Dak	19	85	155	157	.23
Tenn	69	412	517	514	.11
Tex	106	160	1,215	1,225	.09
Utah	83	268	1,088	1,148	.80
Vt	29	50	108	137	.27
Va	10	265	1,230	1,301	.24
Wash	81	246	579	644	.16
W. Va	117	360	1,563	1,636	.85
Wis	-	60	719	720	.15
Wyo	-	15	63	88	.19
Am. Samoa	-	60	43	75	2.41
Guam	-	37	74	81	.71
P.R	1,491	3,605	4,980	5,976	1.88
V.I	160	160	103	108	1.12

- Represents zero.

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

NO. 407. PERFORMING ARTS—SELECTED DATA: 1960 TO 1980

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

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Legitimate theater: [1]										
Broadway shows:										
New productions	58	67	62	50	59	62	63	54	47	67
Playing weeks [2] [3]	1,156	1,.250	1,047	907	1,101	1,136	1,347	1,360	1,472	1,541
Gross box office receipts	45.7	50.5	53.3	46.3	57.4	70.8	93.4	103.8	128.1	143.4
Road shows:										
Playing weeks [3]	728	643	1,024	899	799	814	987	1,025	1,192	1,351
Gross box office receipts	27.3	25.9	48.0	45.7	50.9	52.6	82.6	105.6	143.9	181.2
Opera companies [4]	**754**	**732**	**648**	**902**	**807**	**913**	**914**	**956**	**966**	**986**
Major	(NA)	27	35	53	54	65	68	78	95	109
Expenditures	(NA)	(NA)	36.5	(NA)	(NA)	71.8	79.7	96.3	111.5	133.6
Other companies	403	296	266	400	335	412	424	458	456	458
Workshops	351	409	347	449	418	436	422	420	415	419
Performances	4,232	4,176	4,779	6,676	6,428	7,109	7,389	7,806	8,554	9,391
Operas performed	287	331	341	403	387	427	427	448	498	497
World premieres	(NA)	(NA)	17	32	16	45	33	42	64	79
Attendance (mil.)	(NA)	(NA)	4.6	8.0	8.0	8.9	9.2	9.8	9.9	10.7
Symphony orchestras [5]	**1,226**	**1,385**	**1,441**	**1,463**	**1,463**	**1,410**	**1,453**	**1,470**	**1,540**	**1,572**
College	250	290	298	300	300	356	356	278	379	385
Community	933	1,032	1,019	1,003	1,003	872	888	[6] 950	[6] 909	[6] 926
Urban	([7])	([7])	24	43	41	56	69	76	79	85
Metropolitan	18	38	72	88	90	79	86	106	113	115
Regional	([8])	([8])	([8])	([8])	([8])	16	23	29	29	29
Major	25	25	28	29	29	31	31	31	31	32
Musicians	(NA)	2,216	2,513	2,614	2,635	2,782	2,772	2,781	2,820	2,882
Concerts played	(NA)	2,987	4,349	4,723	4,909	5,314	5,904	5,851	5,656	5,520
Attendance (mil.)	(NA)	6.8	9.0	11.8	12.0	13.4	13.7	13.7	13.7	13.9
Ensemble concerts	(NA)	(NA)	(NA)	1,208	1,191	956	1,002	1,197	1,492	1,429
Attendance (1,000)	(NA)	(NA)	(NA)	544	650	605	353	411	306	370
Gross expenditures	(NA)	27.7	58.8	85.6	96.6	108.4	121.5	138.0	161.1	185.4

NA Not available. [1] Source: *Variety*, New York, N.Y., June 3, 1981 issue (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, N.Y., *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to all soloists. Workshops are primarily college and university opera companies. [5] Source: American Symphony Orchestra League, Inc., Vienna, Va. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1980, community, under $60,000; urban, $60,000-$150,000; metropolitan, $150,000-$600,000; regional, $600,000-$2,225,000; and major, over $2,225,000. Prior to 1980, other budget classifications were in effect. [6] Includes youth and chamber groups with budgets under $50,000. [7] Classification began in 1967. [8] Classification began in 1976.

Source: Compiled from sources listed in footnotes.

NO. 408. NONPROFIT MUSEUMS—SELECTED CHARACTERISTICS, BY TYPE OF MUSEUM: 1979

[For fiscal years of museums ending in **1979.** Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source]

ITEM	Unit	Total	History	Science	Art	General	Specialized	Park and visitor centers	Children's and junior
Museums	Number	4,408	2,204	800	609	382	197	165	51
Percent with general admission fee	Percent	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution	Number	2,354	1,335	273	367	193	140	15	32
Government	Number	1,466	746	323	73	131	45	145	5
Educational institution	Number	476	48	188	166	51	13	1	12
Other	Number	115	77	17	5	8	1	6	2
Operating income	Mil. dol	1,088	261	380	294	88	27	30	8
Earned income	Mil. dol	460	101	160	143	31	16	5	3
Federal government	Mil. dol	148	48	52	25	8	1	13	1
State government	Mil. dol	126	67	25	14	14	1	4	(z)
Local government	Mil. dol	188	18	96	42	21	3	6	2
Individual contributions	Mil. dol	47	9	14	19	3	2	(z)	1
Foundations	Mil. dol	46	6	18	16	3	1	1	1
Corporations	Mil. dol	26	3	6	14	2	1	(z)	(z)
Other	Mil. dol	48	7	10	23	5	2	1	(z)
Operating expenditures [1]	Mil. dol	1,005	226	368	264	84	27	28	8
Administration	Mil. dol	200	55	55	60	16	6	6	2
Building and maintenance	Mil. dol	190	48	71	40	14	5	10	1
Exhibits	Mil. dol	131	24	58	34	9	4	1	1
Curatorial	Mil. dol	128	22	51	36	15	2	2	1
Annual attendance	Million	347.8	85.6	150.3	49.8	24.4	8.7	26.2	2.7
Regular full-time staff	Number	37,533	8,964	13,439	9,862	3,100	897	861	410

Z Less than $500,000. [1] Excludes museums not reporting expenditure distributions. Total includes other types of expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

No. 409. Volume and Characteristics of Travel: 1972 and 1977

[A trip is counted each time a person goes at least 100 miles away from home. Based on Census of Transportation, National Travel Survey; see Appendix III]

Characteristic	1972				1977					
	Person-trips		Person-miles [1]		Household trips		Person-trips		Person-miles [1]	
	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent
Total	**458**	**100.0**	**362**	**100.0**	**313**	**100.0**	**539**	**100.0**	**382**	**100.0**
Auto/truck, no camping equipment	356	77.7	229	63.3	222	71.1	411	76.3	208	54.4
Auto/truck with camping equipment	34	7.4	28	7.7	14	4.4	31	5.8	23	5.9
Bus	8	1.8	6	1.6	12	3.8	15	2.8	9	2.3
Train	2	.4	2	.5	3	1.0	4	.8	4	1.0
Airplane	54	11.8	94	25.9	52	16.7	66	12.2	126	33.0
Other [2]	4	.8	4	1.2	9	2.9	13	2.3	13	3.4
Purpose of trip: Visiting	176	38.4	140	38.7	101	32.2	198	36.8	140	36.7
Business/convention	93	20.2	80	22.0	87	27.7	105	19.6	87	22.8
Outdoor recreation	57	12.4	33	9.0	36	11.5	71	13.1	36	9.3
Entertainment, sightseeing	61	13.3	56	15.3	37	11.8	70	13.0	58	15.3
Personal, shopping, medical	72	15.7	54	14.9	38	12.2	71	13.1	44	11.6
Other					14	4.6	24	4.4	17	4.4
Round-trip distance:										
200-399 miles	189	41.2	55	15.1	155	49.5	272	50.5	75	19.6
400-599 miles	92	20.0	44	12.1	53	17.0	94	17.4	46	11.9
600-799 miles	45	9.9	31	8.5	24	7.6	41	7.5	28	7.3
800-999 miles	25	5.5	22	6.1	14	4.5	24	4.5	21	5.6
1,000-1,999 miles	48	10.4	66	18.1	29	9.3	48	8.8	67	17.4
2,000 miles and over	41	8.9	145	40.0	27	8.8	43	7.9	146	38.1
Outside United States	18	4.0	(x)	(x)	10	3.3	18	3.3	(x)	(x)
Duration of trip:										
No nights out of town	83	18.0	31	8.6	64	20.3	101	18.7	32	8.4
1 night	360	78.6	297	81.7	52	16.6	89	16.5	38	9.8
2-3 nights					108	34.7	193	35.8	103	26.9
4-9 nights					61	19.6	108	20.0	117	30.6
10-15 nights					15	4.9	28	5.2	51	13.3
16 nights or more	16	3.4	35	9.7	12	3.9	20	3.8	42	11.0
Number on trip:										
1 person	120	26.2	106	29.3	186	59.4	186	34.6	147	38.5
2 persons	131	28.5	109	30.3	79	25.2	164	30.5	119	31.2
3-4 persons	208	45.3	147	40.6	39	12.4	137	25.5	86	22.5
5 persons or more					9	3.0	51	9.5	30	7.9

X Not applicable. [1] Miles of travelers adjusted for circuitry based on type of transport. [2] Includes different means of going and coming.

No. 410. U.S. Travel, by Selected Characteristics of Travelers: 1977

[See headnote, table 409]

Characteristic	Travelers						Households [2]			
	Total		Person-trips		Person-miles [1]		Traveling		Nontraveling	
	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent
Total	**136**	**100.0**	**539**	**100.0**	**382**	**100.0**	**54**	**100.0**	**21**	**100.0**
Male	67	49.2	296	54.8	212	55.3	42	78.4	13	63.2
Female	69	50.8	244	45.2	171	44.7	12	21.6	8	36.8
White	124	91.1	505	93.7	356	93.2	49	90.6	17	81.2
Black and other	12	8.9	34	6.3	26	6.8	5	9.4	4	18.8
Under 18 years	38	28.0	116	21.5	73	19.0	(z)	(z)	-	-
18-24 years	19	13.7	62	11.5	40	10.4	5	10.1	2	7.6
25-44 years	40	29.3	193	35.8	138	36.0	23	41.9	6	28.0
45-64 years	29	21.3	135	25.0	104	27.1	18	33.8	6	29.3
65 and over	10	7.7	33	6.2	29	7.5	8	14.2	7	35.1
Owned dwelling	101	74.3	404	74.9	288	75.2	37	67.9	12	57.5
Rented dwelling [3]	35	25.7	136	25.1	95	24.8	17	32.1	9	42.5
Family income:										
Under $5,000	12	8.8	35	6.5	24	6.3	7	12.4	7	33.4
$5,000-$7,499	11	8.1	33	6.1	24	6.2	5	9.8	4	17.1
$7,500-$9,999	10	7.6	33	6.2	23	5.9	5	9.1	2	10.6
$10,000-$14,999	31	22.6	111	20.6	73	19.1	12	23.2	4	18.6
$15,000-$19,999	26	18.9	102	18.8	66	17.3	9	17.4	2	12.0
$20,000-$24,999	20	14.9	85	15.8	58	15.3	7	12.7	1	4.6
$25,000 and over	26	19.2	140	25.9	114	29.8	8	15.4	1	3.8

- Represents zero. Z Fewer than 500 thousand or .05 percent. [1] See footnote 1, table 409. [2] For sex, race, and age, refers to householder; see text, pp. 3 and 4. [3] Includes occupied without cash payment.

Source of tables 409 and 410: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey.*

NO. 411. CHARACTERISTICS OF HOUSEHOLD TRIPS, BY PURPOSE OF TRIP: 1977

[See headnote, table 409]

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

[1] Includes different means of going and coming.

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

NO. 412. PASSPORTS, BY CHARACTERISTICS OF TRAVELERS AND OBJECT: 1960 TO 1980

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

CHARACTERISTIC	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total passports	**853**	**1,330**	**2,219**	**2,729**	**2,415**	**2,334**	**2,817**	**3,107**	**3,234**	**3,170**	**3,020**
Male	420	699	1,124	1,321	1,155	1,128	1,354	1,496	1,555	1,543	1,497
Female	433	631	1,095	1,408	1,260	1,206	1,463	1,611	1,679	1,627	1,523
Under 20 years	83	198	362	497	448	405	460	511	541	567	516
20-29 years	148	264	507	564	491	458	530	566	580	581	541
30-39 years	143	206	293	376	348	345	432	499	535	547	533
40-49 years	136	217	356	431	371	347	423	452	472	465	437
50-59 years	156	203	341	434	383	384	484	527	545	506	474
60 years and over	187	242	360	427	374	395	488	552	561	504	519
Object of travel: [1]											
Pleasure, personal reasons	673	1,022	2,008	2,323	1,767	1,692	2,114	2,108	2,389	2,094	2,076
Business	24	76	40	155	268	273	273	191	164	202	162
Education	31	31	20	95	153	132	126	79	75	93	80
Religion, health, other	9	10	5	10	21	26	16	11	13	15	13
Government	116	191	146	146	149	132	135	154	143	147	136
Not stated	(NA)	(NA)	(NA)	(NA)	57	79	153	564	450	619	553

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

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics,* annual.

NO. 413. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1965 TO 1980

[**Travelers in thousands; expenditures in millions of dollars.** Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970,* series H 946-951]

AREA OF ORIGIN	1965	1970	1974	1975	1976	1977	1978	1979	1980 [1]
Travelers from overseas	**1,204**	**2,288**	**3,700**	**3,674**	**4,456**	**4,509**	**5,764**	**7,230**	**7,706**
Western Europe	564	984	1,544	1,500	1,892	1,885	2,483	3,135	3,368
Caribbean, Central America	(NA)	484	508	478	573	578	703	855	835
South America	(NA)	318	401	438	510	573	773	995	1,168
Japan	44	207	764	747	766	750	886	1,095	2,335
Other	596	295	483	511	715	723	919	1,150	
Total expenditures	**1,545**	**2,708**	**4,845**	**5,464**	**6,679**	**7,175**	**8,424**	**10,012**	**12,143**
Canada	490	859	1,225	1,561	1,983	2,150	2,248	2,092	2,428
Mexico	390	583	1,142	1,311	1,364	1,316	1,459	1,869	2,554
U.S. border area	(NA)	520	858	972	1,023	967	954	1,160	1,646
Western Europe	200	318	570	611	852	1,003	1,323	1,667	1,942
Caribbean, Central America	(NA)	170	216	206	289	276	322	375	417
South America	(NA)	164	237	303	360	455	660	793	977
Japan	27	101	402	410	439	450	539	699	774
Other	273	136	240	295	455	500	635	840	998
Fares to U.S. carriers [2]	165	377	813	767	937	1,025	1,238	1,677	2,053

NA Not available. [1] Preliminary. [2] Includes fares paid to and from the United States only.

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

No. 414. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1960 to 1980

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

ITEM AND COUNTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 [1]
Total overseas travelers [2]	**1,634**	**2,623**	**5,260**	**6,467**	**6,354**	**6,897**	**7,390**	**7,790**	**7,835**	**8,163**
Means of transport from U.S.:										
Sea	317	237	120	47	36	55	(NA)	(NA)	(NA)	(NA)
Air	1,317	2,386	5,140	6,420	6,318	6,842	(NA)	(NA)	(NA)	(NA)
Region of destination:										
Europe and Mediterranean	832	1,405	2,898	3,325	3,185	3,523	3,920	4,105	4,068	3,934
Average length of stay (days)	(NA)	39	27	24	24	24	19	20	20	21
Caribbean and Central America	641	891	1,663	2,147	2,065	2,201	2,203	2,365	2,533	2,624
South America	71	127	249	423	447	436	483	515	434	594
Other	90	200	450	572	657	737	784	805	800	1,011
Total expenditures [3]	**2,623**	**3,768**	**6,180**	**9,406**	**10,143**	**10,868**	**11,924**	**13,155**	**14,575**	**16,508**
Foreign flag carriers [4]	513	720	1,215	2,095	2,263	2,568	2,748	2,896	3,184	3,607
United States flag carriers [4]	360	610	985	1,331	1,463	1,444	1,725	1,784	1,978	2,504
Expenditures abroad	1,750	2,438	3,980	5,980	6,417	6,856	7,451	8,475	9,413	10,397
Canada	380	600	1,018	1,359	1,306	1,371	1,433	1,407	1,599	1,817
Mexico	383	540	778	1,475	1,637	1,723	1,918	2,121	2,460	2,564
Total overseas areas	987	1,298	2,184	3,146	3,474	3,762	4,100	4,947	5,354	6,016
Europe and Mediterranean	692	864	1,425	1,802	1,918	2,150	2,398	2,942	3,185	3,412
Average per trip [5] (dollars)	830	611	490	542	602	610	612	717	783	867
Average per day (dollars)	(NA)	15.67	18.15	22.58	25.19	25.42	32.21	35.85	39.15	41.28
Caribbean and Central America	166	220	390	685	787	784	790	888	1,019	1,134
South America	45	68	90	209	242	232	254	306	288	392
Japan	36	60	97	102	131	145	149	155	142	185
Other	48	86	182	348	396	451	509	656	720	893

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

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

No. 415. Air Travel Between the United States and Foreign Countries: 1975 to 1980

[**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 200,000 arrivals in 1980. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1977	1978	1979	1980	1975	1977	1978	1979	1980
Total passengers	**12,646**	**14,701**	**16,955**	**19,262**	**20,262**	**12,053**	**13,804**	**15,800**	**18,128**	**19,256**
Flag of carrier:										
United States	6,503	7,487	8,551	9,871	10,031	5,913	6,889	7,834	9,142	9,369
Foreign	6,143	7,214	8,405	9,411	10,231	6,141	6,915	7,966	8,986	9,886
Country of embarkation or debarkation: [1]										
Bahamas, The	758	799	993	1,079	1,123	704	719	865	925	1,006
Bermuda	398	441	426	469	601	372	414	405	444	467
Brazil	212	186	219	253	300	206	181	217	252	291
Colombia	173	212	232	281	315	171	204	230	272	299
Denmark	222	238	248	260	267	188	210	214	238	254
Dominican Republic	336	416	429	465	468	322	390	402	419	443
France	512	611	656	707	689	470	539	569	646	635
Germany, Fed. Rep. of	622	863	963	1,053	1,175	649	824	897	1,003	1,178
Greece	121	198	220	231	208	123	185	198	220	190
Ireland	220	251	244	263	220	163	195	200	236	212
Italy	431	471	530	572	537	409	448	486	517	495
Jamaica	457	327	427	492	429	416	297	370	432	382
Japan	1,095	1,213	1,308	1,579	1,624	1,183	1,204	1,272	1,534	1,602
Mexico	1,626	1,647	2,118	2,620	2,886	1,524	1,570	2,062	2,537	2,886
Netherlands	312	322	371	460	427	304	314	338	422	409
Netherlands Antilles	213	269	307	353	327	184	230	256	302	282
Spain	306	299	335	333	312	260	259	295	292	273
Switzerland	236	345	339	321	312	224	323	311	305	306
United Kingdom	1,549	2,102	2,596	2,692	2,973	1,446	1,984	2,478	2,609	2,840
Venezuela	205	282	355	431	533	198	281	356	424	518
Other	2,643	3,208	3,641	4,367	4,536	2,536	3,034	3,381	4,097	4,288

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

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