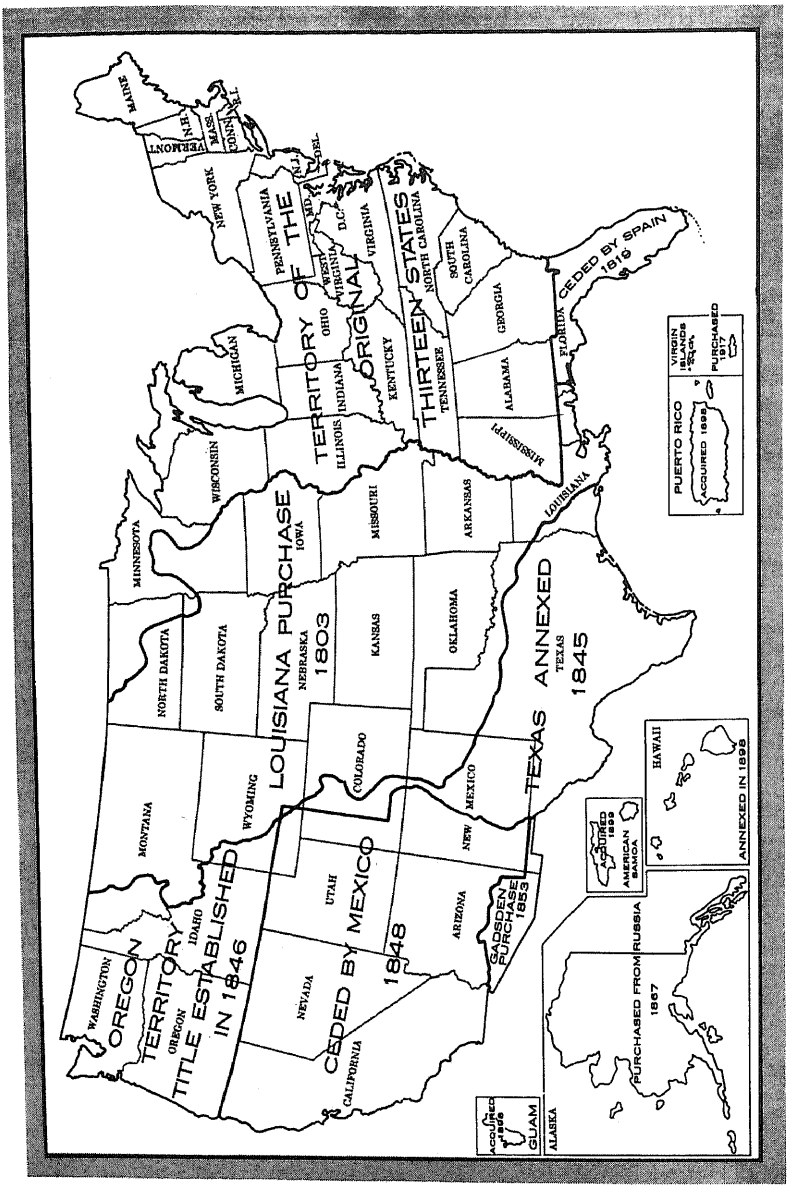
FIG. XI. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS

[See table 250]



Source: Dept. of Commerce, Bureau of the Census.

Section 6
Area, Geography, and Climate

This section relates to area, climatologic, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements (issued infrequently by the Bureau of the Census), which present area and geography statistics of national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey and the Environmental Science Services Administration, which includes the Coast and Geodetic Survey and the Weather Bureau.

Area.—Area measurements in the United States began with the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. Until 1881, the General Land Office was practically the sole source of information concerning the 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 method 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*, presenting the first basic measurement of the United States since the 1880 Census. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions. No comprehensive remeasurement was made for reports of the 1950 and 1960 Censuses, but adjustments in selected area figures were made for three principal reasons: (1) Changes in boundaries, (2) the development of water reservoirs, or (3) the improvement in maps from which area measurements are made. In 1964, the Bureau undertook measurement of the areas of cities, minor civil divisions, and census county divisions of the 1960 Census. The results are published in *Area Measurement Reports, Series GE–20*, the series consisting of one report for each State and a United States summary. These reports include the same kinds of data as the 1940 report plus statistics on the population (total and per square mile) for each area.

Geography.—The Geological Survey, cooperating in some instances with State and local agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927, the Coast and Geodetic Survey has also been in charge of preparing aeronautical charts for the United States and its outlying areas.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information on harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, and the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

Air pollution.—The Public Health Service first established an air sampling network in 1953. The Federal Air Pollution Research and Technical Assistance Act (PL 159, 84th Congress), under the provisions of which the present National Air Sampling Network was created, became effective in 1955. The Network's objectives are to determine the extent and nature of air pollution, to study trends in levels of atmospheric contaminants, and to investigate relationships between air pollution and socio-economic, geographic, topographic, and other factors. Currently there are 250 sampling stations in the Network, 215 urban and 35 nonurban.

The Radiation Surveillance Network is a cooperative air sampling program consisting of 74 collection stations. It was established by the Public Health Service and is operated by the Division of Radiological Health in conjunction with State health departments.

Climate.—The Environmental Science Services Administration, through the Weather Bureau and the Environmental Data Service, is responsible for collecting, processing, and publishing data on climate. It maintains about 11,000 weather stations, of which nearly 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau uses "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1931 to 1960. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the means of the monthly values for the 30 years; for temperature, the normal maximum and normal minimum values were used to obtain monthly normals. The annual normal temperature is obtained by dividing by 2 the sum of the annual normal maximum value and the annual normal minimum value of temperature.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1931 to 1960, 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, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjustment factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1931 to 1960) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and computed from the standard base 65° F. The 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 degrees difference 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 1957*. See preface.

No. 250. Territorial Expansion of the United States and Acquisitions of Other Areas

[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 1957*, series J 1–2]

ACCESSION	Date	Gross area (land and water)
		Sq. mi.
Total	1960	3,628,150
United States	(X)	3,615,211
Territory in 1790 [1]	(X)	888,811
Louisiana Purchase	1803	827,192
By treaty with Spain:		
Florida	1819	58,560
Other areas	1819	13,443
Texas	1845	390,144
Oregon	1846	285,580
Mexican Cession	1848	529,017
Gadsden Purchase	1853	29,640
Alaska	1867	586,400
Hawaii	1898	6,424

ACCESSION	Date	Gross area (land and water)
Other:		*Sq. mi.*
The Philippines [2]	*1898*	*115,600*
Puerto Rico	[3] 1899	3,435
Guam	[4] 1899	212
American Samoa	[5] 1900	76
Canal Zone [6]	1904	553
Corn Islands [7]	1914	4
Virgin Islands of the U.S.	1917	133
Trust Territory of the Pacific Islands [8]	1947	8,484
All other [9]	(X)	42

X Not applicable.

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

[2] 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.

[3] Ceded by Spain in 1898 and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. See table 5.

[4] Acquired 1898; ratified 1899.

[5] Acquired 1899; ratified 1900.

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

[7] Leased (1914) from Republic of Nicaragua for 99 years.

[8] Under trusteeship. See table 5, footnote 15.

[9] Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueño Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 5, footnote 8, for which area figures are not available.

Source: Dept. of Commerce, Bureau of the Census; unpublished data.

No. 251. Coastline of the United States, by States

[In statute miles]

STATE	General coastline [1]	Tidal shoreline [2]
United States	12,383	88,633
Atlantic coast	2,069	28,673
Connecticut	-	618
Delaware	28	381
Florida	580	3,331
Georgia	100	2,344
Maine	228	3,478
Maryland	31	3,190
Massachusetts	192	1,519
New Hampshire	13	131
New Jersey	130	1,792
New York	127	1,850
North Carolina	301	3,375
Pennsylvania	-	89
Rhode Island	40	384

STATE	General coastline [1]	Tidal shoreline [2]
Atlantic coast—Continued		
South Carolina	187	2,876
Virginia	112	3,315
Gulf coast	1,631	17,141
Alabama	53	607
Florida	770	5,095
Louisiana	397	7,721
Mississippi	44	359
Texas	367	3,359
Pacific coast	7,623	40,298
Alaska	5,580	31,383
California	840	3,427
Hawaii	750	1,052
Oregon	296	1,410
Washington	157	3,026
Arctic coast, Alaska	1,060	2,521

- 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 availabl Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewat or to a point where tidal waters narrow to a width of 100 feet.

Source: Dept. of Commerce, Environmental Science Services Administration; *Coastline of the United States* April 1, 1961.

No. 252. Area of States and Other Areas: 1960

[Area in square miles]

STATE OR OTHER AREA	Capital	Year of admission to statehood	AREA			
			Total	Rank order	Land [1]	Water [2]
United States	**Washington, D.C.**	(X)	**3,615,211**	(X)	**3,548,974**	**66,237**
New England		(X)	66,608	(X)	63,126	3,482
Maine	Augusta	1820	33,215	39	31,012	2,203
New Hampshire	Concord	[3] 1788	9,304	44	9,033	271
Vermont	Montpelier	1791	9,609	43	9,274	335
Massachusetts	Boston	[3] 1788	8,257	45	7,867	390
Rhode Island	Providence	[3] 1790	1,214	50	1,058	156
Connecticut	Hartford	[3] 1788	5,009	48	4,870	139
Middle Atlantic		(X)	102,745	(X)	100,467	2,278
New York	Albany	[3] 1788	49,576	30	47,939	1,637
New Jersey	Trenton	[3] 1787	7,836	46	7,532	304
Pennsylvania	Harrisburg	[3] 1787	45,333	33	45,007	326
East North Central		(X)	248,283	(X)	244,811	3,472
Ohio	Columbus	1803	41,222	35	40,972	250
Indiana	Indianapolis	1816	36,291	38	36,189	102
Illinois	Springfield	1818	56,400	24	55,930	470
Michigan	Lansing	1837	58,216	23	57,019	1,197
Wisconsin	Madison	1848	56,154	26	54,705	1,449
West North Central		(X)	517,247	(X)	509,674	7,573
Minnesota	St. Paul	1858	84,068	12	80,009	4,059
Iowa	Des Moines	1846	56,290	25	56,043	247
Missouri	Jefferson City	1821	69,686	19	69,138	548
North Dakota	Bismarck	1889	70,665	17	69,457	1,208
South Dakota	Pierre	1889	77,047	16	75,956	1,091
Nebraska	Lincoln	1867	77,227	15	76,612	615
Kansas	Topeka	1861	82,264	14	82,056	208
South Atlantic		(X)	278,902	(X)	267,695	11,207
Delaware	Dover	[3] 1787	2,057	49	1,982	75
Maryland	Annapolis	[3] 1788	10,577	42	9,891	686
Dist. of Columbia		(X)	67	51	61	6
Virginia	Richmond	[3] 1788	40,817	36	39,841	976
West Virginia	Charleston	1863	24,181	41	24,079	102
North Carolina	Raleigh	[3] 1789	52,712	28	49,067	3,645
South Carolina	Columbia	[3] 1788	31,055	40	30,280	775
Georgia	Atlanta	[3] 1788	58,876	21	58,197	679
Florida	Tallahassee	1845	58,560	22	54,136	4,424
East South Central		(X)	181,964	(X)	179,908	2,056
Kentucky	Frankfort	1792	40,395	37	39,851	544
Tennessee	Nashville	1796	42,244	34	41,367	879
Alabama	Montgomery	1819	51,609	29	50,851	758
Mississippi	Jackson	1817	47,716	32	47,358	358
West South Central		(X)	438,885	(X)	429,332	9,553
Arkansas	Little Rock	1836	53,104	27	52,175	929
Louisiana	Baton Rouge	1812	48,523	31	45,106	3,417
Oklahoma	Oklahoma City	1907	69,919	18	68,984	935
Texas	Austin	1845	267,339	2	262,970	4,369
Mountain		(X)	863,887	(X)	856,951	6,936
Montana	Helena	1889	147,138	4	145,603	1,535
Idaho	Boise	1890	83,557	13	82,677	880
Wyoming	Cheyenne	1890	97,914	9	97,281	633
Colorado	Denver	1876	104,247	8	103,794	453
New Mexico	Santa Fe	1912	121,666	5	121,445	221
Arizona	Phoenix	1912	113,909	6	113,563	346
Utah	Salt Lake City	1896	84,916	11	82,381	2,535
Nevada	Carson City	1864	110,540	7	109,889	651
Pacific		(X)	916,690	(X)	897,010	19,680
Washington	Olympia	1889	68,192	20	66,663	1,529
Oregon	Salem	1859	96,981	10	96,209	772
California	Sacramento	1850	158,693	3	156,537	2,156
Alaska	Juneau	1959	586,400	1	571,065	15,335
Hawaii	Honolulu	1959	6,424	47	6,415	9
Other areas:						
Puerto Rico	San Juan	(X)	3,435	(X)	3,421	14
American Samoa	Pago Pago	(X)	76	(X)	76	–
Canal Zone [4]		(X)	553	(X)	362	191
Guam	Agana	(X)	212	(X)	209	3
Trust Terr. of Pacific Is. [5]		(X)	8,484	(X)	687	7,797
Virgin Islands of U.S.	Charlotte Amalie	(X)	133	(X)	132	1

– Represents zero. X Not applicable.

[1] Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; 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 of a 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] See table 5, footnote 12. [5] See table 5, footnote 15.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I, *Area Measurement Reports*, Series GE-20. This Series, available for 32 States as of April 18, 1967, contains revised data; subsequent adjustments will be made in cases where the land and water figures do not add to the State totals shown.

No. 253. Extreme Points of the United States

[The geographic center of an area may be defined as the center of gravity of the surface, or that point on which the surface of the area would balance if it were a plane of uniform thickness. Because there is no generally accepted definition of geographic center, and no completely satisfactory method of determining it, there may be as many geographic centers of a State or country as there are definitions of the term. Because many factors such as curvature of the earth, large bodies of water, and irregular surfaces affect the determination of centers of gravity, the following positions should be considered as approximations only]

Location	Direction from geographic center	Coordinates		Distance from geographic center
		Latitude (N)	Longitude (W)	
From geographic center of conterminous United States near Lebanon, Smith County, Kans., 39°50′, 98°35′ to—				*Miles*
Lake of the Woods, Projection, Minnesota	North	49°23′	95°09′	680
Key West, Florida	South	24°33′	81°48′	1,436
West Quoddy Head, Maine	East	44°49′	66°57′	1,640
Cape Alava, Washington	West	48°10′	124°44′	1,412
From geographic center of the United States (excl. Hawaii)[1] near Castle Rock, Butte County, S. Dak., 44°59′, 103°38′ to—				
Point Barrow, Alaska	North	71°23′	156°29′	2,504
Key West, Florida	South	24°33′	81°48′	1,865
West Quoddy Head, Maine	East	44°49′	66°57′	1,779
Cape Wrangell, Attu Island, Alaska	West	52°55′	172°27′ (E)	3,623
From geographic center of the United States (incl. Alaska and Hawaii)[2] west of Castle Rock, S. Dak., 44°58′, 103°46′ to—				
Point Barrow, Alaska	North	71°23′	156°29′	2,502
Ka Lae (South Cape), Hawaii Island, Hawaii	South	18°56′	155°41′	3,456
West Quoddy Head, Maine	East	44°49′	66°57′	1,785
Cape Wrangell, Attu Island, Alaska	West	52°55′	172°27′(E)	3,620

[1] Excludes islands adjacent to the conterminous United States.

[2] Excludes islands adjacent to the conterminous United States, but includes all islands of the Aleutian chain and Hawaii.

Note.—The following distances in statute miles are computed to mean sea level: (*a*) from West Quoddy Head, Maine, west along the parallel to the Pacific Ocean, 2,807 miles; (*b*) from the south point of Texas due north to the 49th parallel, 1,598 miles; (*c*) from West Quoddy Head, Maine, to Cape Wrangell, Alaska, 4,839 miles; (*d*) from West Quoddy Head, Maine, to Kure Island, Hawaii, 5,788 miles; (*e*) from Mangrove Point, Florida, to Cape Wrangell, Alaska, 5,495 miles; (*f*) the two points farthest apart are Log Point, Elliot Key, Florida, and Kure Island, Hawaii, a distance of 5,852 miles; (*g*) length of the northern boundary, excluding Alaska, is 3,987 miles: (*h*) length of the Canadian-Alaskan boundary, 1,538 miles; (*i*) length of the Mexican boundary from Gulf of Mexico to the Pacific Ocean, approximately 1,933 miles, 1963 boundary agreement with Mexico; (*j*) the two points farthest apart in the conterminous United States are West Quoddy Head, Maine, and Point Arena, California, 2,897 miles; (*k*) the shortest distance between the Atlantic Ocean and the Pacific Ocean across the conterminous United States (approximately 10 miles south of Brunswick, Georgia, to approximately 12 miles south of San Diego, California), 2,088 miles; (*l*) Cape Mendocino, California projection extends to latitude 40°27′, at longitude 124°24′; Cape Sable, Florida (on mainland) projection extends to latitude 25°07′, at longitude 81°05′; Kure Island, Hawaii projection extends to latitude 28°25′, at longitude 178°22′. The extreme south point of Texas is in latitude 25°50′, longitude 97°24′.

Source: Dept. of the Interior, Geological Survey; *Boundaries of the United States and the Several States* (bulletin 1212), MI0-18A; *Geographic Centers of the United States*, MI0-8; and unpublished data.

No. 254. Water Area, Other Than Inland Water, by Primary Bodies of Water—States

[**In square miles.** Includes only that portion of body of water under the jurisdiction of the U.S., excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 252]

Body of water	State	Area
Total		74,364
Atlantic coastal water		2,298
	Florida	37
	Georgia	48
	Maine	1,102
	Massachusetts	959
	Rhode Island	14
	South Carolina	138
Chesapeake Bay		3,237
	Maryland	1,726
	Virginia	1,511
Delaware Bay		665
	Delaware	350
	New Jersey	315
Lake Erie		5,002
	Michigan	216
	New York	594
	Ohio	3,457
	Pennsylvania	735
Straits of Georgia and Juan de Fuca	Washington	1,610
Lake Huron	Michigan	8,975
Long Island Sound		1,299
	Connecticut	573
	New York	726
Gulf of Mexico coastal water		3,837
	Alabama	560
	Florida	1,698
	Louisiana	1,016
	Mississippi	556
	Texas	7
Lake Michigan		22,178
	Illinois	1,526
	Indiana	228
	Michigan	13,037
	Wisconsin	7,387
New York Harbor		92
	New Jersey	69
	New York	23
Lake Ontario	New York	3,033
Pacific coastal water		343
	California	69
	Oregon	48
	Washington	226
Puget Sound	Washington	561
Lake St. Clair	Michigan	116
Lake Superior		21,118
	Michigan	16,231
	Minnesota	2,212
	Wisconsin	2,675

Source: Dept. of Commerce, Bureau of the Census; *Areas of the United States: 1940.*

No. 255. Lengths of Principal Rivers

[Comprises rivers 400 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]

River	Outflow	Length (miles)	River	Outflow	Length (miles)
Apalachicola-Chattahoochee	Gulf of Mexico	550	Neosho	Arkansas River	450
Arkansas	Mississippi River	1,450	Niobrara	Missouri River	431
Belle Fourche	Cheyenne River	416	North Canadian	Canadian River	784
Big Sioux	Missouri River	420	North Platte	Platte River	680
Brazos	Gulf of Mexico	1,210	Ohio	Mississippi River	981
Canadian	Arkansas River	906	Ohio-Allegheny	Mississippi River	1,306
			Ouachita	Red River	605
Cimarron	Arkansas River	698	Pearl	Gulf of Mexico	490
Clark Fork-Pend Oreille	Columbia River	505	Pecos	Rio Grande	926
Colorado (U.S.-Mex.)	Gulf of California	1,450	Pee Dee-Yadkin	Winyah Bay	435
			Porcupine	Yukon River	555
Colorado (Texas)	Matagorda Bay	894	Powder	Yellowstone River	486
Columbia	Pacific Ocean	1,214	Red (Okla.-Tex.-La.)	Mississippi River	1,222
Columbia, Upper	To mouth of Snake River	890	Red River of the North	Lake Winnipeg	545
			Republican	Kansas River	422
Colville	Beaufort Sea	428	Rio Grande	Gulf of Mexico	1,885
Connecticut	Long Island Sound	407	St. John	Bay of Fundy	400
Cumberland	Ohio River	687	Salmon (Idaho)	Snake River	402
Gila	Colorado River	630	Santee-Wateree-Catawba	Atlantic Ocean	438
Green (Utah-Wyo.)	Colorado River	730	Smoky Hill	Kansas River	560
Imnoko	Yukon River	463	Snake	Columbia River	1,000
James (N. Dak.-S. Dak.)	Missouri River	710	South Platte	Platte River	442
Kootenai	Columbia River	485	Susquehanna	Chesapeake Bay	458
Koyukuk	Yukon River	554	Tanana	Yukon River	531
Kuskokwim	Kuskokwim Bay	800	Tennessee	Ohio River	652
Little Missouri	Missouri River	560	Tennessee-French Broad	Ohio River	869
Marais des Cygnes—Osage	Missouri River	496	Tombigbee	Mobile River	409
Milk	Missouri River	625	Trinity	Trinity Bay	715
Mississippi	Mouth of SW Pass	2,348			
Mississippi, Upper	To mouth of Missouri River	1,171	Wabash	Ohio River	475
			Washita	Red River	626
Mississippi-Missouri-Red Rock	Mouth of SW Pass	3,741	White (Ark.-Mo.)	Mississippi River	685
Missouri	Mississippi River	2,315	White	Missouri River	507
Missouri-Red Rock	Mississippi River	2,564	Wisconsin	Mississippi River	430
Mobile-Alabama-Coosa	Mobile Bay	639	Yellowstone	Missouri River	671
			Yukon	Bering Sea	1,875

Source: Dept. of the Army, Corps of Engineers; unpublished data.

No. 256. Areas of Selected Natural Lakes

[In square miles. Comprises lakes with surface area of 100 square miles or more]

Lake	State	Area	Lake	State	Area
Bear	Idaho and Utah	110	Rainy	Minnesota and Canada	345
Becharof	Alaska	458	Red Lake (Upper and Lower)	Minnesota	451
Champlain	New York, Vermont, and Canada	490	St. Clair	Michigan and Canada	460
Clark	Alaska	110	Salton Sea [1]	California	[2] 350
Dall	Alaska	100			
Flathead	Montana	197	Tahoe	California and Nevada	193
Great Salt [1]	Utah	[2] 1,000	Teshekpuk	Alaska	315
Iliamna	Alaska	1,000	Tustumena	Alaska	117
Lake of the Woods	Minnesota and Canada	1,485	Ugashik (Upper and Lower)	Alaska	147
Leech	Minnesota	176			
Mille Lacs	Minnesota	207	Upper Klamath	Oregon	142
Moosehead	Maine	117	Utah	Utah	140
Naknek	Alaska	242	Winnebago	Wisconsin	215
Okeechobee	Florida	700	Winnibigoshish	Minnesota	109
Pend Oreille	Idaho	148	Yellowstone	Wyoming	137
Pontchartrain [1]	Louisiana	625			

[1] Salty.
[2] Variable.

Source: Dept. of the Interior, Geological Survey; *Principal Lakes of the United States*, Circular 476.

No. 257. Extreme and Mean Elevations—States and Other Areas

[In feet]

State or other area	Highest point		Lowest point		Approximate mean elevation
	Name	Elevation	Name	Elevation	
United States	**Mount McKinley**	**20,320**	**Death Valley**	**−282**	**2,500**
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(1)	500
Alaska	Mount McKinley	20,320	Pacific Ocean	(1)	1,900
Arizona	Humphreys Peak	12,633	Colorado River	70	4,100
Arkansas	Magazine Mountain	2,753	Ouachita River	55	650
California	Mount Whitney	14,494	Death Valley	−282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,350	6,800
Connecticut	Mt. Frissell, on South slope	2,380	Long Island Sound	(1)	500
Delaware	Ebright Road	442	Atlantic Ocean	(1)	60
District of Columbia	Tenleytown	410	Potomac River	(1)	150
Florida	Sec. 30, T6N, R20W, Walton County [2]	345	Atlantic Ocean	(1)	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	(1)	600
Hawaii	Mauna Kea	13,796	Pacific Ocean	(1)	1,990
Idaho	Borah Peak	12,662	Snake River	710	5,000
Illinois	Charles Mound	1,235	Mississippi River	279	600
Indiana	Franklin Twp., Wayne Co., Sec. 3, T15N, R1W. [2]	1,257	Ohio River	320	700
Iowa	Sec. 7, T100N, R41W, Osceola Co. [2]	1,658	Mississippi River	480	1,100
Kansas	Mount Sunflower	4,039	Verdigris River	680	2,000
Kentucky	Black Mountain	4,145	Mississippi River	257	750
Louisiana	Driskill Mountain	535	New Orleans	−5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(1)	600
Maryland	Backbone Mountain, near Kempton, W. Va.	3,360	Atlantic Ocean	(1)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(1)	500
Michigan	Mount Curwood	1,980	Lake Erie	572	900
Minnesota	Eagle Mountain, Cook Co.	2,301	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Iuka	806	Gulf of Mexico	(1)	300
Missouri	Taum Sauk Mountain	1,772	St. Francis River	230	800
Montana	Granite Peak	12,799	Kootenai River	1,800	3,400
Nebraska	Johnson Twp., Kimball Co., T12N, R59W [2]	5,424	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	13,140	Colorado River	470	5,500
New Hampshire	Mount Washington	6,288	Atlantic Ocean	(1)	1,000
New Jersey	High Point	1,803	Atlantic Ocean	(1)	250
New Mexico	Wheeler Peak	13,161	Red Bluff Reservoir	2,817	5,700
New York	Mount Marcy	5,344	Atlantic Ocean	(1)	1,000
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	(1)	700
North Dakota	White Butte, Slope Co.	3,506	Red River	750	1,900
Ohio	Campbell Hill	1,550	Ohio River	433	850
Oklahoma	Black Mesa	4,973	Little River	287	1,300
Oregon	Mount Hood	11,235	Pacific Ocean	(1)	3,300
Pennsylvania	Mount Davis	3,213	Delaware River	(1)	1,100
Rhode Island	Jerimoth Hill	812	Atlantic Ocean	(1)	200
South Carolina	Sassafras Mountain	3,560	Atlantic Ocean	(1)	350
South Dakota	Harney Peak	7,242	Big Stone Lake	962	2,200
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,751	Gulf of Mexico	(1)	1,700
Utah	Kings Peak	13,528	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,729	Atlantic Ocean	(1)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(1)	1,700
West Virginia	Spruce Knob	4,862	Potomac River	240	1,500
Wisconsin	Timms Hill	1,952	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
Other areas:					
Puerto Rico	Cerro de Punta	4,389	Atlantic Ocean	(1)	2,200
American Samoa	Lata	3,056	Pacific Ocean	(1)	1,500
Canal Zone	Cerro Galera	1,205	Atlantic Ocean	(1)	100
Guam	Mount Lamlam	1,329	Pacific Ocean	(1)	650
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(1)	750

[1] Sea level. [2] "Sec." denotes section; "T", township; "R", range; "N", north; "W", west; "S", south.

Source: Dept. of the Interior, Geological Survey; *Extreme and Mean Elevations in the United States and its Possessions*, MI0-18.

No. 258. Altitudes of Named Summits

[In feet. Comprises peaks over 14,000 feet above sea level]

Summit	State	Rank	Altitude	Summit	State	Rank	Altitude
Mt. McKinley	Alaska	1	20,320	Kit Carson Mtn	Colo	45	14,165
North Peak	Alaska	2	19,470	Mt. Wrangell	Alaska	46	14,163
Mt. St. Elias	Alaska	3	18,008	Mt. Shasta	Calif	47	14,162
Mt. Foraker	Alaska	4	17,400	Mt. Sill	Calif	48	14,162
Mt. Bona	Alaska	5	16,500	El Diente Peak	Colo	49	14,159
Mt. Blackburn	Alaska	6	16,390	Maroon Peak	Colo	50	14,156
Mt. Sanford	Alaska	7	16,237	Tabeguache Mtn	Colo	51	14,155
South Buttress	Alaska	8	15,885	Mt. Oxford	Colo	52	14,153
Mt. Vancouver	Alaska	9	15,700	Mt. Sneffels	Colo	53	14,150
Mt. Fairweather	Alaska	10	15,300	Point Success	Wash	54	14,150
Mt. Hubbard	Alaska	11	14,950	Mt. Democrat	Colo	55	14,148
Mt. Bear	Alaska	12	14,831	Liberty Cap	Wash	56	14,133
East Buttress	Alaska	13	14,730	Capitol Peak	Colo	57	14,130
Mt. Hunter	Alaska	14	14,573	Mt. Lindsey	Colo	58	14,125
Browne Tower	Alaska	15	14,530	Pikes Peak	Colo	59	14,110
Mt. Alverstone	Alaska	16	14,500	Snowmass Mtn	Colo	60	14,092
Mt. Whitney	Calif	17	14,494	Windom Peak	Colo	61	14,087
Mt. Elbert	Colo	18	14,431	Mt. Russell	Calif	62	14,086
Mt. Harvard	Colo	19	14,420	Mt. Eolus	Colo	63	14,084
Mt. Massive	Colo	20	14,418	Columbia Peak	Colo	64	14,073
Mt. Rainier	Wash	21	14,410	Mt. Augusta	Alaska	65	14,070
Mt. Williamson	Calif	22	14,375	Culebra Peak	Colo	66	14,069
La Plata Peak	Colo	23	14,340	Missouri Mtn	Colo	67	14,067
Blanca Peak	Colo	24	14,317	Humboldt Peak	Colo	68	14,064
Uncompahgre Peak	Colo	25	14,309	Mt. Bierstad	Colo	69	14,060
Crestone Peak	Colo	26	14,294	Sunlight Peak	Colo	70	14,059
Mt. Lincoln	Colo	27	14,286	Split Mtn	Calif	71	14,058
Grays Peak	Colo	28	14,270	Handies Peak	Colo	72	14,048
Mt. Antero	Colo	29	14,269	Middle Palisade	Calif	73	14,040
Torreys Peak	Colo	30	14,267	Little Bear Peak	Colo	74	14,037
Castle Peak	Colo	31	14,265	Mt. Sherman	Colo	75	14,036
Mt. Evans	Colo	32	14,264	Redcloud Peak	Colo	76	14,034
Quandary Peak	Colo	33	14,264	Mt. Langley	Calif	77	14,028
Longs Peak	Colo	34	14,256	Conundrum Peak	Colo	78	14,022
Mt. Wilson	Colo	35	14,246	Mt. Tyndall	Calif	79	14,018
White Mtn	Calif	36	14,246	Pyramid Peak	Colo	80	14,018
North Palisade	Calif	37	14,242	Wetterhorn Peak	Colo	81	14,017
Mt. Cameron	Colo	38	14,238	Wilson Peak	Colo	82	14,017
Shavano Peak	Colo	39	14,229	Mt. Muir	Calif	83	14,015
Mt. Belford	Colo	40	14,197	North Maroon Peak	Colo	84	14,014
Mt. Princeton	Colo	41	14,197	San Luis Peak	Colo	85	14,014
Mt. Yale	Colo	42	14,196	Huron Peak	Colo	86	14,005
Crestone Needles	Colo	43	14,191	Mt. of the Holy Cross	Colo	87	14,005
Mt. Bross	Colo	44	14,172	Sunshine Peak	Colo	88	14,001

Source: Dept. of the Interior, Geological Survey; *Named Summits of the United States Over 14,000 Feet Above Sea Level*, MI0-20.

No. 259. Tornadoes, Floods, and Tropical Cyclones: 1931 to 1966

Period or year	Tornadoes				Floods		North Atlantic tropical cyclones and hurricanes [1]		
	Number	Lives lost		Number with property loss of $500,000 and over	Lives lost	Property loss (mil. dol.)	Number reaching U.S. coast		Lives lost in U.S.
		Total	Most in a single tornado during period				Total	Hurricanes only	
1931-35	830	909	37	15	368	187	21	12	494
1936-40	787	916	216	17	607	879	21	8	663
1941-45	727	980	100	39	346	605	20	11	105
1946-50	902	813	169	50	306	843	22	12	79
1951-55	2,087	940	116	80	502	2,507	18	9	416
1956-60	3,168	445	44	80	228	877	20	7	507
1961-65	3,413	482	44	94	329	1,844	13	8	185
1960	618	47	16	12	32	93	5	2	65
1961	683	51	16	22	52	154	3	2	46
1962	658	28	17	10	19	75	1	-	4
1963	461	31	5	15	39	176	1	1	11
1964	713	73	22	17	100	651	6	4	49
1965	898	299	44	30	119	788	2	1	75
1966	570	105	58	19	[2] 41	[2] 110	2	2	54

- Represents zero. NA Not available.

[1] Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher. [2] Estimated.

Source: Dept. of Commerce, Environmental Science Services Administration; *Climatological Data National Summary*. Monthly with annual summary.

No. 260. Estimated Water Use: 1900 to 1965, and Projections to 1980

[**In billions of gallons daily average.** In preparing these projections, it was estimated that the population residing in the United States (conterminous area) would grow from 176.2 million in 1959 to 230.8 million in 1980, and that the index of industrial production would rise from approximately 152 to 330 in the same period. See also *Historical Statistics, Colonial Times to 1957*, series J 91–102]

Year	Total water use		Irrigation [1]		Public water utilities		Self-supplied uses: Rural domestic [2]		Self-supplied uses: Industrial and miscellaneous [3]		Self-supplied uses: Steam electric utilities	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1900	40.19	7.28	20.19	2.22	3.00	1.05	2.00	1.60	10.00	2.40	5.00	0.01
1910	66.44	11.68	39.04	5.27	4.70	1.49	2.20	1.76	14.00	3.15	6.50	0.01
1920	91.54	15.78	55.94	8.17	6.00	1.79	2.40	1.94	18.00	3.87	9.20	0.01
1930	110.50	18.18	60.20	9.09	8.00	2.30	2.90	2.40	21.00	4.37	18.40	0.02
1940	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	0.02
1945	170.46	28.33	83.06	14.12	12.00	3.28	3.20	2.78	41.00	8.12	31.20	0.03
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	0.05
1955	263.80	47.79	116.30	29.08	16.30	4.27	5.40	4.91	49.20	9.45	76.60	0.08
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	0.10
1964	361.94	64.67	145.48	39.16	24.40	6.16	6.40	6.03	70.80	13.21	114.86	0.11
1965	371.70	66.30	148.10	40.14	25.00	6.28	6.50	6.14	73.20	13.62	118.90	0.12
1970	411.20	73.27	159.00	44.20	27.00	6.64	6.90	6.56	86.00	15.74	132.30	0.13
1975	449.70	79.37	169.70	47.52	29.80	7.15	7.20	6.85	98.40	17.71	144.60	0.14
1980	494.10	84.94	178.00	50.02	32.00	7.36	7.40	7.04	115.00	20.36	161.70	0.16

[1] Total take, including delivery losses but not including reservoir evaporation.
[2] Rural farm and nonfarm household and garden use, and water for farm stock and dairies.
[3] Manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and other miscellaneous uses.

Source: Dept. of Commerce, Business and Defense Services Administration; *Water Use in the United States, 1900–1980*, and unpublished data.

No. 261. Inventory of Public Water Supplies for Community Water Systems: 1963

[Includes only systems serving a population of 25,000 or more. Estimated total number of public water systems in the United States (conterminous area) is 21,000 systems serving a population of approximately 144 million. An estimated 16.0 percent of water used by manufacturing industries is supplied by public water systems]

Item	Total	Communities having a population served of— 500,000 or more	250,000 to 499,999	100,000 to 249,999	50,000 to 99,999	25,000 to 49,999
Communities and districts ... number	926	43	35	137	251	460
Estimated population served ... 1,000	104,810	50,648	9,977	18,525	12,372	13,288
Ownership of public water supply ... number	926	43	35	137	251	460
Municipal or district—public ... number	772	38	27	113	215	379
Private ... number	154	5	8	24	36	81
Average output of water [1] ... mil. gal. daily	15,694	7,614	1,481	2,947	1,725	1,927
Water used, maximum month [1] ... mil. gal.	621,606	304,701	57,453	113,707	68,010	77,735
Water used, maximum day [1] ... mil. gal.	25,287	11,994	2,416	4,771	2,850	3,256
Impounded storage ... mil. gal.	5,982,917	2,440,578	585,871	1,232,258	506,462	1,217,748
Transmission capacity, maximum ... mil. gal. daily	32,770	19,414	3,538	4,293	3,000	2,525
Dependable yield, ground water ... mil. gal. daily	8,300	1,337	857	1,972	1,550	2,584
Raw water storage ... mil. gal.	378,062	311,943	50,751	1,960	10,703	2,705
Raw water pumping capacity ... mil. gal. daily	25,858	12,699	2,174	5,116	2,990	2,879
Treatment plant:						
Rated capacity ... mil. gal. daily	25,511	12,125	2,586	4,953	2,870	3,337
Overload capacity [1] ... mil. gal. daily	31,176	13,701	3,016	7,177	3,428	3,854
Service pumping capacity ... mil. gal. daily	31,412	13,766	3,226	6,659	3,942	3,819
Distribution storage:						
Pumped to mains ... mil. gal.	6,558	2,194	443	1,361	1,610	950
Elevated ... mil. gal.	76,188	58,135	1,706	11,515	2,521	2,311
Number of services [1] ... 1,000	23,933	8,732	2,384	4,881	3,704	4,232
Number of meters [1] ... 1,000	21,317	7,086	2,359	4,481	3,495	3,896

[1] Approximately 5 percent estimated.

Source: Dept. of Commerce, Business and Defense Services Administration. Compiled from unpublished data provided by Dept. of Health, Education, and Welfare, Public Health Service.

No. 262. Population Using Fluoridated Water—States and Puerto Rico: 1966

[As of December 31. Covers both natural and controlled fluoridation]

State or other area	Total population [1]		Population using public water [2]	
	Number (1,000)	Percent using fluoridation	Number (1,000)	Percent using fluoridation
Total	**199,573**	**36.3**	**153,680**	**47.0**
Alabama	3,535	22.2	2,240	35.0
Alaska	274	42.2	152	76.3
Arizona	1,639	7.6	1,455	8.5
Arkansas	1,960	29.0	1,063	53.6
California	19,183	12.2	17,836	13.2
Colorado	1,991	69.5	1,641	84.3
Connecticut	2,898	23.5	2,315	29.4
Delaware	517	40.0	382	54.1
Dist. of Columbia	811	100.0	811	99.9
Florida	6,014	21.8	4,654	28.1
Georgia	4,493	27.3	3,122	39.3
Hawaii	721	12.7	697	13.1
Idaho	694	32.3	457	49.0
Illinois	10,767	64.4	9,101	76.1
Indiana	4,933	48.9	3,257	74.0
Iowa	2,741	58.0	1,875	84.8
Kansas	2,252	36.7	1,719	48.0
Kentucky	3,189	37.6	1,825	65.8
Louisiana	3,623	5.4	2,723	7.2
Maine	981	15.2	588	25.3
Maryland	3,651	73.8	2,853	94.4
Massachusetts	5,391	7.2	5,015	7.8
Michigan	8,398	22.7	5,887	32.3
Minnesota	3,581	48.1	2,164	79.7
Mississippi	2,335	13.3	1,175	26.4
Missouri	4,519	42.6	3,323	58.0
Montana	702	25.2	475	37.2
Nebraska	1,455	8.4	1,046	11.8
Nevada	464	4.3	395	5.0
New Hampshire	685	7.3	451	11.0
New Jersey	6,956	12.2	6,104	14.0
New Mexico	1,026	57.9	750	79.1
New York	18,335	64.1	16,071	73.0
North Carolina	5,030	30.7	2,546	60.6
North Dakota	649	40.1	344	75.7
Ohio	10,342	31.2	8,033	40.2
Oklahoma	2,464	50.4	1,866	66.7
Oregon	1,962	13.5	1,492	17.6
Pennsylvania	11,580	34.9	9,308	43.4
Rhode Island	902	80.1	807	89.6
South Carolina	2,603	17.2	1,464	30.5
South Dakota	679	25.2	398	43.0
Tennessee	3,897	35.6	2,541	54.6
Texas	10,825	48.8	8,724	60.6
Utah	1,015	3.0	940	3.2
Vermont	405	13.8	236	23.5
Virginia	4,550	54.6	2,910	85.3
Washington	2,986	14.0	2,456	17.1
West Virginia	1,782	47.0	1,101	76.0
Wisconsin	4,171	59.0	2,702	91.1
Wyoming	329	25.1	246	33.5
Puerto Rico	2,688	64.2	1,943	88.9

[1] U.S. population for Dec. 31, 1966, based on provisional estimates in Bureau of the Census: *Current Population Reports;* Population Estimates, 1966 (Series P-25, No. 348, Sept. 16, 1966) and *U.S. Census of Population: 1960; Number of Inhabitants;* Final Report PC (1).

[2] Source: *U.S. Census of Housing: 1960,* Series HC(1), Nos. 1-52. Includes adjustments for population growth based on Bureau of the Census estimates.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Fluoridation Census,* 1966.

No. 263. Suspended Particulate Matter Levels in Cities, by Population Size Groups: 1957–64 and 1965

[**Particulate matter levels in micrograms per cubic meter.** Based on 35,327 air samples taken in 333 cities. Suspended particulate matter consists of 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]

Population size group	1957–64		Cities sampled in 1965						
	Cities sampled	Average particulate matter level	Total	By average particulate matter levels					
				20–59	60–99	100–139	140–179	180–219	220 and over
Total	**284**	**114**	**234**	**20**	**100**	**70**	**34**	**8**	**2**
2,500 to 49,999	72	86	82	17	45	13	5	1	1
50,000 to 99,999	87	113	53	1	23	15	8	5	1
100,000 to 399,999	94	113	70	2	24	34	9	1	–
400,000 to 699,999	19	127	17	–	6	5	6	–	–
700,000 to 999,999	7	128	7	–	2	3	2	–	–
1,000,000 and over	5	170	5	–	–	–	4	1	–

– Represents zero.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Air Pollution Measurements of the National Air Sampling Network, 1957–1961;* annual reports, *Air Quality Data;* and unpublished data.

No. 264. Average Beta Radioactivity Concentrations in Air—States and Puerto Rico: 1959 to 1965

[In micromicrocuries per cubic meter. Values based on one air sampling station per State, except as noted]

STATE OR OTHER AREA	1959	1960	1961	1962	1963	1964	1965
Alabama	(1)	(1)	(1)	(1)	(1)	1.0	0.2
Alaska	[2 3] 2.19	[2 3] 0.11	[3] 1.4	[4] 2.5	[5] 2.2	[5] 0.5	[5] 0.1
Arizona	5.08	[2] 0.21	3.9	7.1	6.6	1.4	0.4
Arkansas	3.20	[3] 0.12	5.5	5.4	5.8	1.1	0.2
California	[6] 2.82	[2 6] 0.13	[6] 3.5	[6] 5.5	[6] 4.1	[6] 0.8	[6] 0.2
Colorado	3.75	[2] 0.17	3.4	8.1	6.0	1.4	0.3
Connecticut	2.56	[2] 0.12	2.7	4.4	4.1	1.0	0.2
Delaware	(1)	(1)	(1)	[7] 5.4	6.0	1.2	0.2
District of Columbia	3.10	[2] 0.15	3.2	4.7	4.6	1.3	0.2
Florida	3.22	[2] 0.14	5.2	[6] 6.2	[6] 4.5	[6] 1.3	[6] 0.2
Georgia	3.18	[2] 0.15	4.0	4.3	4.7	0.7	0.2
Hawaii	1.88	[2] 0.13	1.0	2.3	2.6	0.6	0.2
Idaho	[7] 5.29	[7] 0.19	4.1	6.6	5.9	1.1	0.9
Illinois	3.05	[2] 0.16	3.5	4.5	4.3	1.0	0.2
Indiana	2.34	[2] 0.13	2.9	4.7	4.8	1.2	0.2
Iowa	2.70	[2] 0.13	3.4	4.2	3.5	1.0	0.3
Kansas	2.34	[2] 0.13	3.6	5.1	4.3	0.9	0.2
Kentucky	(1)	(1)	[8] 9.2	5.0	5.1	1.2	0.3
Louisiana	3.11	[2] 0.15	4.8	5.4	4.1	0.9	0.2
Maine	(1)	(1)	5.0	[7] 3.8	[6] 4.1	[6] 1.0	[6] 0.2
Maryland	[7] 2.74	[2] 0.15	2.9	[8] 5.3	[6] 4.5	[6] 1.0	[6] 0.2
Massachusetts	2.02	[2] 0.11	1.7	[7] 4.2	[6] 5.1	[6] 1.0	[6] 0.2
Michigan	3.22	[2] 0.13	4.7	6.5	5.2	1.4	0.3
Minnesota	2.31	[2] 0.12	3.2	3.9	4.0	0.8	0.2
Mississippi	[7] 3.52	[2] 0.17	6.2	[6] 6.7	[6] 5.3	[6] 1.2	[6 7] 0.3
Missouri	2.48	[2] 0.13	4.8	4.8	4.2	0.8	0.2
Montana	2.21	[2] 0.13	2.7	6.5	4.9	1.0	0.4
Nebraska	(1)	(1)	[8] 8.0	[7] 4.6	4.5	0.8	0.3
Nevada	(1)	(1)	(1)	[7] 10.1	8.9	3.1	0.5
New Hampshire	(1)	(1)	(1)	[7] 4.9	6.0	1.3	0.3
New Jersey	2.77	[2] 0.14	3.1	4.4	4.3	1.1	0.2
New Mexico	4.60	[2] 0.18	3.5	7.1	5.0	1.2	0.2
New York	2.79	[2] 0.12	2.8	[3 7] 5.0	[3] 4.6	[3] 1.1	[3] 0.2
North Carolina	3.49	[2] 0.17	3.3	5.8	5.7	1.2	0.2
North Dakota	(1)	(1)	[8] 5.2	5.1	4.4	1.1	0.2
Ohio	(1)	(1)	[8] 9.1	[3 8] 6.0	[3] 5.0	[3] 1.3	[3] 0.3
Oklahoma	[6] 2.43	[2 6] 0.12	2.8	[6] 4.5	[6] 3.3	[6] 0.7	[6] 0.2
Oregon	2.52	[2] 0.13	2.6	5.0	5.2	1.1	0.3
Pennsylvania	3.45	[2] 0.15	2.4	5.6	3.9	1.0	0.2
Rhode Island	[7] 1.37	[2] 0.13	2.5	4.9	4.6	1.1	0.2
South Carolina	2.92	[2] 0.14	4.5	4.3	4.2	1.0	0.2
South Dakota	3.07	[2] 0.16	3.4	5.3	3.7	1.0	0.2
Tennessee	(1)	(1)	[8] 16.8	5.5	5.8	1.2	0.2
Texas	[6] 3.38	[2 6] 0.19	[3] 3.0	[6] 7.3	[6] 4.7	[6] 1.1	[6] 0.3
Utah	3.58	[2] 0.16	2.8	10.7	5.6	1.2	0.4
Vermont	(1)	(1)	(1)	[7] 5.3	5.3	1.4	0.3
Virginia	2.61	[2] 0.12	2.8	4.2	3.8	0.9	0.2
Washington	1.89	[2] 0.11	1.1	[6] 3.6	[6] 3.5	[6] 0.6	[6] 0.2
West Virginia	(1)	(1)	(1)	6.9	4.4	1.2	0.2
Wisconsin	(1)	(1)	3.6	5.2	5.5	1.2	0.2
Wyoming	2.91	[2] 0.14	2.7	8.1	5.3	1.3	0.3
Puerto Rico	(1)	(1)	2.6	[8] 3.9	2.3	0.6	0.2

[1] Station not in operation.
[2] Less than value shown.
[3] 3 stations.
[4] 10 stations.
[5] 9 stations.
[6] 2 stations.
[7] Average for 7 to 11 months.
[8] Average for 6 months or less.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Radiological Health Data.* Monthly.

No. 265. Suspended Particulate Matter Levels, by Nonurban Topographic Class: Cumulative Average, 1957–64 and 1965

[In micrograms per cubic meter. Based on 5,952 air samples taken at nonurban locations. See headnote, table 263]

Topographic class	Number of stations		Suspended particulate matter				Benzene-soluble organic matter [1]	
	1957–64	1965	Average, 1957–64	1965			Average, 1957–64	1965 average [2]
				Min.	Max.	Avg.		
United States	[3] 52	30	35	1	312	36	1.9	1.2
Atlantic coast	5	2	34	8	174	53	2.0	1.1
Desert	4	3	24	2	312	22	1.4	0.7
Farmland	12	8	43	3	196	45	2.2	1.7
Forest	7	5	28	5	124	29	1.9	0.9
Great Lakes coast	5	2	40	7	81	32	1.9	0.9
Gulf coast	4	2	33	16	86	37	2.0	1.2
Mountain	9	6	28	1	150	28	1.5	1.0
Pacific coast	6	2	50	15	177	53	2.4	2.0

[1] Particulate matter soluble in benzene. [2] Based on quarterly composite samples. [3] Data for all stations not available all years.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Air Pollution Measurements of the National Air Sampling Network, 1957–1961*, annual reports, *Air Quality Data*, and unpublished data.

No. 266. Beta Radioactivity Concentrations in Air, by Month: 1962 to 1965

[In micromicrocuries per cubic meter]

Month	1962			1963			1964			1965		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
January	[1] 0.1	34	7.3	[1] 0.1	35	7.1	[1] 0.1	4.7	0.9	[1] 0.1	1.8	0.2
February	[1] 0.1	30	6.6	[1] 0.1	28	6.1	[1] 0.1	5.2	1.1	[1] 0.1	2.8	0.2
March	[1] 0.1	81	6.8	[1] 0.1	24	5.5	[1] 0.1	473.0	1.6	[1] 0.1	1.3	0.2
April	[1] 0.1	48	5.2	[1] 0.1	31	7.2	[1] 0.1	7.8	1.6	[1] 0.1	19.7	0.4
May	[1] 0.1	31	3.7	[1] 0.1	29	6.4	[1] 0.1	8.4	2.0	[1] 0.1	17.4	0.4
June	[1] 0.1	56	3.0	[1] 0.1	29	6.1	[1] 0.1	6.6	1.6	[1] 0.1	9.5	0.6
July	[1] 0.1	595	3.3	[1] 0.1	17	4.2	[1] 0.1	4.5	0.9	[1] 0.1	1.1	0.2
August	[1] 0.1	19	1.7	[1] 0.1	13	3.1	[1] 0.1	3.5	0.5	[1] 0.1	0.4	0.1
September	[1] 0.1	39	3.7	[1] 0.1	8.0	1.8	[1] 0.1	1.6	0.4	[1] 0.1	0.3	[1] 0.1
October	[1] 0.1	235	5.3	[1] 0.1	5.4	1.6	[1] 0.1	20.2	0.8	[1] 0.1	0.3	[1] 0.1
November	[1] 0.1	575	10.8	[1] 0.1	6.6	1.0	[1] 0.1	3.6	0.5	[1] 0.1	0.3	[1] 0.1
December	[1] 0.1	48	5.7	[1] 0.1	4.4	0.9	[1] 0.1	1.1	0.2	[1] 0.1	0.3	[1] 0.1

[1] Less than value shown.

Source: Dept. of Health, Education, and Welfare, Public Health Service; *Radiological Health Data*. Monthly.

No. 267. Gaseous Air Pollutant Levels, Selected Cities: 1966

[Concentration in parts per million. Concentrations of gaseous contaminants are continuously measured in the indicated cities in order to provide basic data on the nature and extent of urban area pollution]

City	Maximum day	Minimum month	Maximum month	Yearly average	Maximum day	Minimum month	Maximum month	Yearly average	Maximum day	Minimum month	Maximum month	Yearly average
	Sulfur dioxide				Nitric oxide				Nitrogen dioxide			
Chicago	1.14	0.01	0.21	0.08	0.74	0.05	0.15	0.10	0.35	0.03	0.08	0.06
Cincinnati	1.86	0.02	0.05	0.03	1.18	0.02	0.07	0.04	1.59	0.02	0.05	0.04
Philadelphia	0.87	0.06	0.12	0.09	1.98	0.02	0.11	0.06	0.29	0.03	0.05	0.04
Denver	0.96	0.00	0.02	0.01	0.59	0.01	0.08	0.04	0.35	0.02	0.04	0.03
St. Louis	1.25	0.02	0.06	0.04	0.61	0.01	0.07	0.03	0.21	0.02	0.04	0.03
Washington, D.C.	0.47	0.02	0.10	0.04	1.15	0.01	0.09	0.04	0.19	0.02	0.04	0.04
	Carbon monoxide				Total oxidants				Total hydrocarbons			
Chicago	66	9	16	13	0.23	0.01	0.03	0.02	14.9	2.3	3.3	2.8
Cincinnati	32	3	7	5	0.13	0.02	0.04	0.02	12.8	2.3	3.0	2.7
Philadelphia	47	5	10	7	0.60	0.01	0.06	0.03	14.4	2.1	2.9	2.5
Denver	63	6	12	8	0.30	0.01	0.04	0.03	19.1	1.9	3.2	2.4
St. Louis	68	4	8	6	0.25	0.01	0.06	0.04	14.3	2.5	3.6	3.0
Washington, D.C.	47	2	5	3	0.22	0.01	0.04	0.03	14.5	2.0	2.9	2.4

Source: Dept. of Health, Education, and Welfare, Public Health Service; unpublished data.

No. 268. Air Pollution—National Air Sampling Levels, Selected Cities: 1965

[Air pollution is defined as the presence in the air of substances put there by the activities of man, in concentrations sufficient to interfere with comfort, safety, or health or with use and enjoyment of property. Data represent values of samples taken nationally on a biweekly basis by the National Air Sampling Network. See text, p. 172]

Station		Suspended particulate matter [1] (micrograms per cubic meter)			Benzene-soluble organic matter [2] (micrograms per cubic meter)			Radioactivity [3] (micromicrocuries per cubic meter)		
		Min.	Max.	Arith. avg.	Min.	Max.	Arith. avg.	Min.	Max.	Arith. avg.
Alabama	Birmingham	40	528	172	5.8	24.4	11.8	0.1	1.1	0.3
Arizona	Phoenix	22	303	162	5.6	19.6	12.2	[4] 0.1	1.7	0.5
California	Los Angeles	80	320	171	8.4	30.5	18.8	0.1	1.2	0.4
	Oakland	25	225	99	3.5	12.6	7.7	[4] 0.1	0.7	0.2
	San Diego	44	138	78	3.6	10.9	6.7	0.1	0.8	0.3
	San Francisco	27	146	68	2.7	9.0	5.9	0.1	0.7	0.2
Colorado	Denver	45	510	156	5.7	18.2	12.5	0.1	1.6	0.4
Connecticut	Hartford	38	191	92	3.8	7.1	5.3	[4] 0.1	1.2	0.4
	New Haven	44	231	107	4.5	7.2	5.9	[4] 0.1	1.2	0.3
Delaware	Wilmington	78	228	126	6.8	12.3	8.6	0.1	1.1	0.3
Dist. of Columbia	Washington	51	199	98	3.8	8.2	6.5	0.1	1.3	0.3
Florida	Miami	25	136	61	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Georgia	Atlanta	47	245	116	6.4	13.2	8.7	[4] 0.1	0.9	0.3
Hawaii	Honolulu	27	59	41	2.1	3.1	2.5	[4] 0.1	3.0	0.4
Idaho	Boise	39	177	86	4.2	12.0	7.4	0.1	1.2	0.4
Illinois	Chicago	51	244	140	5.7	8.8	7 8	[4] 0.1	0.8	0.3
Indiana	Indianapolis	79	266	160	7.3	14.4	10.8	0.1	1.2	0.3
Iowa	Des Moines	58	313	142	5.0	13.3	8.1	0.1	1.1	0.3
Kansas	Wichita	31	210	100	2.9	8.3	4.6	0.1	1.0	0.3
Kentucky	Louisville	82	243	149	7.1	8.1	7.5	0.1	0.6	0.3
Louisiana	New Orleans	40	221	95	6.3	12.1	7.9	[4] 0.1	1.3	0.3
Maine	Portland	27	123	77	3.2	5.6	4.0	[4] 0.1	1.3	0.3
Maryland	Baltimore	55	244	132	5.5	11.2	8.1	[4] 0.1	2.4	0.4
Massachusetts	Boston	41	293	93	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Michigan	Detroit	56	409	165	6.3	10.4	7.7	[4] 0.1	1.5	0.4
Minnesota	Minneapolis	32	111	70	2.8	5.3	3.7	[4] 0.1	0.8	0.3
	St. Paul	38	150	79	4.0	5.7	4.6	[4] 0.1	0.8	0.3
Mississippi	Jackson	32	223	82	4.5	10.3	6.2	0.1	1.6	0.4
Missouri	Kansas City	47	292	145	5.7	18.8	9.4	0.1	0.7	0.3
	St. Louis	83	260	152	6.1	10.1	8.1	0.1	1.2	0.3
Montana	Helena	24	198	73	1.5	3.9	2.9	[4] 0.1	1.4	0.4
Nebraska	Omaha	50	230	111	5.0	11.8	6.9	0.1	0.8	0.3
Nevada	Las Vegas	62	323	150	4.6	13.6	8.1	0.1	1.9	0.6
New Hampshire	Concord	16	75	36	1.5	2.9	2.1	0.1	1.0	0.4
New Jersey	Newark	49	285	123	4.8	11.2	8.2	[4] 0.1	2.0	0.4
New York	New York	75	395	179	8.2	10.4	9.6	[4] 0.1	1.2	0.3
	Rochester	32	243	112	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
North Carolina	Charlotte	57	283	113	3.6	26.2	11.0	0.1	1.2	0.3
North Dakota	Bismarck	20	166	81	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ohio	Cincinnati	46	255	141	4.2	9.2	6.5	0.1	1.2	0.4
	Cleveland	46	235	130	5.2	7.7	6.3	[4] 0.1	3.6	0.5
	Columbus	58	221	115	4.8	8.6	6.4	0.1	1.4	0.4
Oklahoma	Oklahoma City	54	191	94	4.0	8.0	5.2	0.1	0.9	0.3
Oregon	Portland	34	520	132	5.4	14.3	9.6	[4] 0.1	0.8	0.3
Pennsylvania	Philadelphia	72	312	182	6.0	14.1	9.5	[4] 0.1	1.1	0.3
	Pittsburgh	61	307	147	6.6	10.2	7.9	[4] 0.1	1.2	0.3
Rhode Island	Providence	61	286	125	5.8	11.7	8.2	0.1	2.0	0.4
South Carolina	Charleston	32	152	69	2.0	6.6	4.2	0.1	1.1	0.3
South Dakota	Sioux Falls	18	126	60	2.3	7.2	3.7	[4] 0.1	0.8	0.3
Tennessee	Memphis	52	194	103	4.5	11.2	6.6	[4] 0.1	1.1	0.3
	Nashville	47	286	114	3.6	18.8	8.7	0.1	1.0	0.3
Texas	Dallas	44	222	122	5.8	14.4	9.0	[4] 0.1	1.8	0.4
	Houston	58	259	128	4.8	10.5	7.2	[4] 0.1	1 0	0.3
	San Antonio	32	280	79	2.8	8.4	5.8	[4] 0.1	0.6	0.3
Utah	Salt Lake City	42	311	114	2.4	10.8	5.3	0.1	2.5	0.5
Vermont	Burlington	21	94	53	1.8	3.1	2.6	[4] 0.1	1.2	0.3
Virginia	Norfolk	53	217	114	4.0	7.4	5.4	0.1	1.5	0.4
Washington	Seattle	36	199	95	5.5	12.5	8.3	[4] 0.1	0.8	0.2
West Virginia	Charleston	53	726	187	3.2	9.3	5.5	0.1	0.8	0.3
Wisconsin	Milwaukee	59	311	142	4.9	8.0	6.6	[4] 0.1	0.8	0.3
Wyoming	Cheyenne	6	97	36	1.3	2.4	2.2	[4] 0.1	1.4	0.4
Puerto Rico	San Juan	42	146	78	3.6	5.6	4.2	[4] 0.1	0.9	0.2

NA Not available. Z Less than 0.05 micromicrocuries per cubic meter.
[1] For definition, see headnote, table 263.
[2] Particulate matter soluble in benzene; based on quarterly composite samples.
[3] Radioactivity associated with suspended particulate matter as measured by Beta radiation.
[4] Less than value shown.

Source: Dept. of Health, Education, and Welfare, Public Health Service; annual report, *Air Quality Data, 1965*.

No. 269. Ground Elevation of Weather Stations and Mean, Latest Spring and Earliest Fall Dates of Occurrence of Freeze (32°)—Selected Cities

[Date of freeze based on 30-year period, 1921 to 1950]

Station		Ground elevation (feet)	Occurrence of freeze: Spring date, Mean	Spring date, Latest	Fall date, Mean	Fall date, Earliest
Alabama	Mobile	10	Feb. 17	Mar. 20	Dec. 12	Nov. 15
Alaska	Juneau	15	Apr. 27	June 8	Oct. 19	Sept. 22
Arizona	Phoenix	1,083	Jan. 27	Mar. 2	Dec. 11	Nov. 4
Arkansas	Little Rock	257	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California	Los Angeles	312	(1)	Jan. 21	(1)	Dec. 9
	Sacramento	25	Jan. 24	Mar. 14	Dec. 11	Nov. 4
	San Francisco	52	(1)	Jan. 21	(1)	Dec. 11
Colorado	Denver	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut	Hartford	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware	Wilmington	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.	Washington	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida	Jacksonville	18	Feb. 6	May 14	Dec. 16	Nov. 9
	Miami	8	(1)	Feb. 6	(1)	(1)
Georgia	Atlanta	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Hawaii	Honolulu	12	(2)	(2)	(2)	(2)
Idaho	Boise	2,842	Apr. 29	May 23	Oct. 16	Sept. 20
Illinois	Chicago	610	Apr. 19	May 13	Oct. 28	Sept. 25
	Peoria	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana	Indianapolis	718	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa	Des Moines	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas	Wichita	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky	Louisville	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana	New Orleans	9	Feb. 15	Mar. 20	Dec. 3	Nov. 13
Maine	Portland	61	Apr. 29	May 30	Oct. 15	Sept. 17
Maryland	Baltimore	146	Mar. 28	Apr. 16	Nov. 17	Oct. 20
Massachusetts	Boston	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan	Detroit	619	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie	721	May 18	June 8	Oct. 3	Aug. 22
Minnesota	Duluth	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi	Jackson	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri	Kansas City	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana	Great Falls	3,664	May 14	June 8	Sept. 26	Sept. 7
Nebraska	Omaha	978	Apr. 14	May 11	Oct. 19	Sept. 24
Nevada	Reno	4,397	May 14	June 25	Oct. 2	Aug. 30
New Hampshire	Concord	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey	Atlantic City	8	Apr. 10	Apr. 24	Nov. 5	Oct. 22
New Mexico	Albuquerque	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York	Albany	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo	693	Apr. 30	May 24	Oct. 25	Sept. 23
	New York	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina	Charlotte	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota	Bismarck	1,650	May 11	May 30	Sept. 24	Sept. 6
Ohio	Cincinnati	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland	787	Apr. 21	May 14	Nov. 2	Sept. 29
	Columbus	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma	Oklahoma City	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon	Portland	30	Feb. 25	May 4	Dec. 1	Oct. 30
Pennsylvania	Philadelphia	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh	749	Apr. 16	May 4	Nov. 3	Oct. 10
Rhode Island	Providence	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina	Columbia	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota	Sioux Falls	1,420	May 5	May 29	Oct. 3	Sept. 12
Tennessee	Memphis	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville	577	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Texas	Dallas	487	Mar. 18	Apr. 15	Nov. 22	Oct. 27
	El Paso	3,920	Mar. 13	Apr. 11	Nov. 11	Oct. 31
	Houston	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah	Salt Lake City	4,260	Apr. 12	Apr. 30	Nov. 1	Sept. 25
Vermont	Burlington	331	May 8	May 23	Oct. 3	Sept. 13
Virginia	Norfolk	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington	Seattle	14	Feb. 23	Apr. 3	Dec. 1	Oct. 19
	Spokane	2,357	Apr. 20	May 16	Oct. 12	Sept. 18
West Virginia	Charleston	950	Apr. 18	May 11	Oct. 28	Sept. 29
Wisconsin	Milwaukee	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming	Cheyenne	6,131	May 20	June 18	Sept. 27	Sept. 5
Puerto Rico	San Juan	47	(2)	(2)	(2)	(2)

[1] When the frequency of occurrence in either spring or fall is 1 year in 10, or less, mean dates are not given.
[2] 32° has never been recorded.

Source: Dept. of Commerce, Environmental Science Services Administration; unpublished data.

No. 270. Normal Monthly Average Temperature—Selected Cities

[**In Fahrenheit degrees.** Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960. See *Historical Statistics, Colonial Times to 1957*, series J 109-135 and J 163-265, for related data]

	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	53.0	55.2	60.3	67.6	75.6	81.5	82.6	82.1	77.9	69.9	58.9	54.1	68.2
Alaska	Juneau	25.1	26.8	30.4	38.0	45.6	52.3	55.3	54.1	48.9	41.6	34.3	28.4	40.1
Ariz.	Phoenix	49.7	53.5	59.0	67.2	75.0	83.6	89.8	87.5	82.8	70.7	58.1	51.6	69.0
Ark.	Little Rock	40.6	44.4	51.8	62.4	70.5	78.9	81.9	81.3	74.3	63.1	49.5	41.9	61.7
Calif.	Los Angeles [1]	55.8	57.1	59.4	61.8	64.8	68.0	73.0	73.1	71.9	67.4	62.7	58.2	64.4
	Sacramento	45.2	49.2	53.4	58.4	64.0	70.5	75.4	74.1	71.6	63.5	52.9	46.4	60.4
	San Francisco [1]	50.7	53.0	54.7	55.7	57.4	59.1	58.8	59.4	62.0	61.4	57.4	52.5	56.8
Colo.	Denver	28.5	31.5	36.4	46.4	56.2	66.5	72.9	71.5	63.0	51.4	37.7	31.6	49.5
Conn.	Hartford	26.0	27.1	36.0	48.5	59.9	68.7	73.4	71.2	63.3	53.0	41.3	28.9	49.8
Del.	Wilmington	33.4	33.8	41.3	52.1	62.7	71.4	76.0	74.3	67.6	56.6	45.4	35.1	54.1
D.C.	Washington	36.9	37.8	44.8	55.7	65.8	74.2	78.2	76.5	69.7	59.0	47.7	38.1	57.0
Fla.	Jacksonville	55.9	57.5	62.2	68.7	75.8	80.8	82.6	82.3	79.4	71.0	61.7	56.1	69.5
	Miami	66.9	67.9	70.5	74.2	77.6	80.8	81.8	82.3	81.3	77.8	72.4	68.1	75.1
Ga.	Atlanta	44.7	46.1	51.4	60.2	69.1	76.6	78.9	78.2	73.1	62.4	51.2	44.8	61.4
Hawaii	Honolulu	72.5	72.4	72.8	74.2	75.9	77.9	78.8	79.4	79.2	78.2	75.9	73.6	75.9
Idaho	Boise	29.1	34.5	41.7	50.4	58.2	65.8	75.2	72.1	62.7	51.6	38.6	32.2	51.0
Ill.	Chicago	26.0	27.7	36.3	49.0	60.0	70.5	75.6	74.2	66.1	55.1	39.9	29.1	50.8
	Peoria	25.7	28.4	37.6	50.8	61.5	71.7	76.0	74.3	66.4	55.3	39.7	29.1	51.4
Ind.	Indianapolis	29.1	31.1	38.9	50.8	61.4	71.1	75.2	73.7	66.5	55.4	40.9	31.1	52.1
Iowa	Des Moines	19.9	23.4	33.8	48.7	60.6	71.0	76.3	74.1	65.4	54.2	37.1	25.3	49.2
Kans.	Wichita	32.0	36.3	44.5	56.7	66.0	76.5	80.9	80.8	71.3	59.9	44.4	35.8	57.1
Ky.	Louisville	35.0	35.8	43.3	54.8	64.4	73.4	77.6	76.2	69.5	57.9	44.7	36.3	55.7
La.	New Orleans [1]	55.5	57.7	62.1	68.9	75.7	81.1	82.6	82.5	78.9	71.1	61.0	56.6	69.5
Maine	Portland	21.8	22.8	31.4	42.5	53.0	62.1	68.1	66.8	58.7	48.6	38.1	25.8	45.0
Md.	Baltimore [1]	37.3	37.8	44.7	55.7	66.1	74.7	79.1	77.3	70.6	60.0	48.8	39.0	57.6
Mass.	Boston	29.9	30.3	37.7	47.9	58.8	67.8	73.7	71.7	65.3	55.0	44.9	33.3	51.4
Mich.	Detroit	26.9	27.2	34.8	47.6	59.0	69.7	74.4	72.8	65.1	53.8	40.4	29.9	50.1
	Sault Ste. Marie	15.8	15.7	23.8	38.0	49.6	59.0	64.6	64.0	55.8	46.3	33.3	20.9	40.6
Minn.	Duluth	8.7	10.8	21.3	37.0	49.2	58.8	65.5	63.8	54.2	44.6	27.3	14.0	37.9
	Minneapolis-St. Paul	12.4	15.7	27.4	44.3	57.3	66.8	72.3	70.0	60.4	48.9	31.2	18.1	43.7
Miss.	Jackson	47.9	50.5	56.5	64.9	73.1	79.8	82.3	82.0	76.5	67.0	55.5	49.4	65.5
Mo.	Kansas City	31.7	35.8	43.3	55.7	65.6	75.9	81.5	79.8	71.3	60.2	44.6	35.8	56.8
	St. Louis	31.9	34.7	42.6	54.9	64.2	74.1	78.1	76.8	69.5	58.4	44.1	34.8	55.3
Mont.	Great Falls	22.1	23.8	30.7	43.6	53.0	59.9	69.4	66.8	57.4	47.5	34.3	27.3	44.7
Nebr.	Omaha	22.3	26.5	36.9	51.7	63.0	73.1	78.5	76.2	66.9	55.7	38.9	28.2	51.5
Nev.	Reno	30.4	35.6	41.5	48.0	53.9	60.1	67.7	65.5	58.8	49.2	38.3	31.9	48.4
N.H.	Concord	21.2	22.7	31.7	43.8	55.5	64.5	69.6	67.4	59.3	48.7	37.6	25.0	45.6
N.J.	Atlantic City	34.8	34.7	41.1	51.0	61.3	70.0	75.1	73.7	67.2	57.2	46.7	36.6	54.1
N.Mex.	Albuquerque	35.0	39.9	45.8	55.7	65.1	74.9	78.5	76.2	70.0	58.0	43.6	37.0	56.6
N.Y.	Albany	22.7	23.7	33.0	46.2	57.9	67.3	72.1	70.0	61.6	50.8	39.1	26.5	47.6
	Buffalo	24.5	24.1	31.5	43.5	54.8	64.8	69.8	68.4	61.4	50.8	39.1	27.7	46.7
	New York [1]	32.2	33.4	40.5	51.4	62.4	71.4	76.8	75.1	68.5	58.3	47.0	35.9	54.5
N.C.	Charlotte	42.7	44.2	50.0	60.3	69.0	77.1	79.2	78.7	72.9	62.5	50.4	42.7	60.8
	Raleigh	41.6	43.0	49.5	59.3	67.6	75.1	77.9	76.9	71.2	60.5	50.0	41.9	59.5
N.Dak.	Bismarck	9.9	13.5	26.2	43.5	55.9	64.5	71.7	69.3	58.7	46.7	28.9	17.8	42.2
Ohio	Cincinnati [1]	35.5	36.8	44.3	55.7	65.8	75.3	78.8	77.4	70.6	59.5	46.4	37.2	56.9
	Cleveland	27.6	27.6	35.4	46.6	57.5	67.2	71.5	69.9	63.4	52.8	40.4	29.9	49.2
	Columbus	29.9	31.1	38.9	50.8	61.5	70.8	74.8	73.2	65.9	54.2	41.2	31.5	52.0
Okla.	Oklahoma City	37.0	41.3	48.5	59.9	68.4	78.0	82.5	82.8	73.8	62.9	48.4	40.3	60.3
Oreg.	Portland	38.4	42.0	46.1	51.8	57.4	62.0	67.2	66.6	62.2	54.2	45.1	41.3	52.9
Pa.	Philadelphia	32.3	33.2	41.0	52.0	62.6	71.0	75.6	73.6	66.7	55.7	44.3	33.9	53.5
	Pittsburgh	28.9	29.2	36.8	49.0	59.8	68.4	72.1	70.8	64.2	53.1	40.8	30.7	50.3
R.I.	Providence	29.2	29.7	37.0	47.2	57.5	66.2	72.1	70.5	63.2	53.2	43.0	32.0	50.1
S.C.	Columbia	46.9	48.4	54.4	63.6	72.2	79.7	81.6	80.5	75.3	64.7	53.7	46.4	64.0
S. Dak.	Sioux Falls	15.2	19.1	30.1	45.9	58.3	68.1	74.3	71.8	61.8	50.3	32.6	21.1	45.7
Tenn.	Memphis	41.5	44.1	51.1	61.4	70.3	78.5	81.3	80.5	73.9	63.1	50.1	42.5	61.5
	Nashville	39.9	42.0	49.1	59.6	68.6	77.4	80.2	79.2	72.8	61.5	48.5	41.4	60.0
Tex.	Dallas	45.9	49.5	56.1	65.0	72.9	81.3	84.9	85.0	77.9	67.8	54.9	48.1	65.8
	El Paso	42.9	49.1	54.9	63.4	71.9	81.0	81.9	80.4	74.5	64.4	51.2	44.1	63.3
	Houston	53.6	55.8	61.3	68.5	76.0	81.6	83.0	83.2	79.2	71.4	60.8	55.7	69.2
Utah	Salt Lake City	27.2	32.5	40.4	49.9	58.9	67.4	76.9	74.5	64.4	51.7	36.7	30.1	50.9
Vt.	Burlington	16.2	17.4	26.7	41.2	53.8	64.2	69.0	66.7	58.4	47.6	35.3	21.5	43.2
Va.	Norfolk	41.2	41.6	48.0	58.0	67.5	75.6	78.8	77.5	72.6	62.0	51.4	42.5	59.7
	Richmond	38.7	39.9	47.7	58.1	67.0	75.1	78.1	76.0	70.2	58.7	48.5	39.7	58.1
Wash.	Seattle-Tacoma	38.3	40.8	43.8	49.2	55.5	59.8	64.9	64.1	59.9	52.4	43.9	40.8	51.1
	Spokane	25.3	30.0	38.1	47.3	56.2	61.9	70.5	68.0	60.9	49.1	35.7	30.1	47.8
W. Va.	Charleston	36.6	37.5	44.4	55.3	64.8	72.0	74.9	73.8	68.2	57.3	45.3	37.1	55.6
Wis.	Milwaukee	20.6	22.4	31.0	43.6	53.4	63.3	68.7	67.8	60.3	50.0	35.8	24.6	45.1
Wyo.	Cheyenne	25.4	27.3	32.4	42.6	52.9	63.0	70.0	67.7	58.6	47.5	34.2	29.5	45.9
P.R.	San Juan	74.4	74.4	75.3	76.6	78.7	80.0	80.4	80.9	80.5	80.0	78.2	76.2	78.0

[1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data.* Monthly with annual summary.

No. 271. Normal Monthly Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	62.3	64.7	70.3	77.5	85.9	91.4	92.0	91.2	87.4	80.3	69.6	63.9	78.0
Alaska	Juneau	30.1	32.1	36.5	45.4	53.6	60.8	62.7	61.5	55.2	46.5	39.2	32.7	46.4
Ariz.	Phoenix	64.0	68.1	75.0	83.9	92.9	101.6	104.6	101.6	98.2	86.7	73.7	66.1	84.7
Ark.	Little Rock	50.6	54.6	62.7	73.5	81.5	89.7	92.7	92.4	86.3	76.0	61.3	52.1	72.8
Calif.	Los Angeles [1]	65.0	66.0	68.6	70.6	73.5	77.1	83.3	83.3	82.4	77.3	73.3	67.5	74.0
	Sacramento	53.2	58.6	64.8	71.4	78.2	86.5	93.4	91.9	88.2	77.6	64.2	54.6	73.6
	San Francisco [1]	55.8	58.6	60.7	61.9	63.4	65.0	64.3	64.9	68.9	68.3	63.7	57.5	62.8
Colo.	Denver	42.1	44.6	49.9	60.5	70.5	82.0	88.4	86.8	79.0	66.6	51.7	45.2	63.9
Conn.	Hartford	34.7	36.0	45.3	59.6	72.0	80.5	85.0	82.7	74.7	64.8	50.9	37.6	60.3
Del.	Wilmington	41.3	42.4	50.5	62.5	73.4	81.8	86.2	84.2	77.9	67.3	55.1	43.5	63.8
D.C.	Washington	44.3	46.1	53.8	65.8	75.5	83.4	87.0	85.0	78.6	68.3	56.5	45.6	65.8
Fla.	Jacksonville	66.8	68.5	73.3	79.6	86.4	90.5	92.0	91.4	87.6	80.2	72.2	66.7	79.6
	Miami	75.8	77.0	79.8	82.6	85.4	88.0	88.8	89.7	88.0	84.7	80.2	77.1	83.1
Ga.	Atlanta	52.0	53.7	60.3	70.1	78.9	85.7	87.0	86.6	81.8	72.4	60.9	52.4	70.2
Hawaii	Honolulu	79.1	78.8	79.2	80.2	81.8	83.8	84.6	84.9	85.2	84.2	82.0	79.2	81.9
Idaho	Boise	36.1	42.4	51.5	62.3	71.9	80.5	91.4	88.7	78.8	65.3	48.4	39.4	63.1
Ill.	Chicago	33.0	34.7	43.5	57.4	69.1	79.5	84.1	82.4	74.8	63.4	47.1	35.7	58.7
	Peoria	33.7	36.6	46.7	61.2	72.3	82.3	87.0	85.1	77.8	66.5	48.6	36.8	61.2
Ind.	Indianapolis	37.1	39.4	48.1	61.2	72.0	81.8	86.0	84.7	78.0	66.8	50.0	39.0	62.0
Iowa	Des Moines	28.5	32.2	42.9	59.4	71.4	81.3	87.3	84.7	76.9	65.7	46.5	33.5	59.2
Kans.	Wichita	41.6	47.0	55.9	68.2	77.1	87.7	92.4	92.8	83.7	71.7	55.1	44.9	68.2
Ky.	Louisville	43.5	45.6	53.8	66.4	76.2	85.0	88.5	87.3	81.3	69.6	54.4	44.7	66.4
La.	New Orleans [1]	64.8	67.3	71.7	78.4	85.3	90.3	91.4	91.6	88.1	81.4	71.3	65.9	79.0
Maine	Portland	31.8	33.5	40.7	52.5	64.2	73.1	79.5	78.4	70.2	59.8	47.6	35.3	55.6
Md.	Baltimore [1]	44.1	45.3	52.9	64.7	75.1	83.4	87.4	85.3	78.8	68.4	56.4	45.7	65.6
Mass.	Boston	36.8	37.4	44.6	55.7	67.5	76.3	81.9	80.0	73.4	62.7	51.9	40.1	59.0
Mich.	Detroit	33.0	33.9	42.3	56.4	68.6	79.1	83.9	81.9	74.2	62.8	47.1	35.7	58.2
	Sault Ste. Marie	23.1	24.0	31.7	46.4	59.9	69.9	75.6	74.0	64.4	54.5	39.6	27.3	49.2
Minn.	Duluth	17.9	21.4	31.1	47.1	60.6	70.3	77.1	74.6	64.7	54.5	35.1	22.3	48.1
	Minneapolis-St. Paul	22.4	26.3	37.2	55.7	69.1	78.1	83.9	81.3	72.2	60.6	40.5	27.4	54.6
Miss.	Jackson	58.3	61.6	68.6	77.2	85.2	91.2	92.9	93.1	88.3	79.6	67.5	59.9	77.0
Mo.	Kansas City	39.9	44.8	52.6	65.6	75.1	85.2	91.9	90.3	82.7	71.6	54.5	43.7	66.5
	St. Louis	40.2	44.0	52.8	65.9	75.1	85.1	89.2	87.3	81.3	70.1	53.7	43.0	65.6
Mont.	Great Falls	31.6	34.0	41.1	55.2	65.7	72.9	84.7	81.8	71.2	59.3	44.2	35.8	56.5
Nebr.	Omaha	31.7	36.0	46.4	62.4	73.9	83.8	89.7	86.9	78.5	67.5	48.9	37.2	61.9
Nev.	Reno	44.6	49.8	57.3	65.4	71.5	80.3	89.4	88.3	81.2	69.0	55.7	47.3	66.7
N.H.	Concord	31.7	33.5	41.7	55.9	69.3	77.7	82.8	80.6	72.4	61.7	47.9	35.1	57.5
N.J.	Atlantic City	42.9	43.3	49.7	60.3	71.0	79.2	83.8	82.2	76.0	66.5	55.5	45.1	63.0
N.Mex.	Albuquerque	46.4	52.2	58.8	69.1	78.3	88.6	91.2	88.0	82.3	70.7	56.1	48.3	69.2
N.Y.	Albany	31.0	32.5	41.9	56.7	69.5	78.7	83.7	81.4	72.9	51.8	47.5	34.5	57.7
	Buffalo	30.8	31.0	38.6	52.9	65.5	75.1	80.1	78.6	71.5	60.1	46.5	34.3	55.4
	New York [1]	39.5	40.3	47.8	59.6	71.4	80.2	85.3	83.3	76.8	66.3	53.7	42.1	62.2
N.C.	Charlotte	51.4	53.7	60.0	71.0	79.4	87.6	88.8	87.8	81.9	72.8	60.7	51.3	70.5
	Raleigh	51.9	54.0	61.1	71.8	79.4	86.3	88.1	87.1	82.0	72.8	62.2	52.3	70.8
N.Dak.	Bismarck	19.6	23.3	35.1	54.9	68.2	76.5	85.7	83.7	72.6	59.4	38.6	26.9	53.7
Ohio	Cincinnati [1]	42.9	44.8	53.3	65.6	76.0	85.2	88.8	87.8	80.8	69.6	54.5	44.3	66.1
	Cleveland	34.8	35.6	44.1	57.5	68.7	78.1	82.8	81.2	74.5	63.6	49.0	36.9	58.9
	Columbus	37.8	39.5	48.4	62.2	73.5	82.9	86.6	85.0	77.6	65.8	50.6	39.6	62.5
Okla.	Oklahoma City	45.9	51.3	59.5	70.6	78.1	87.4	92.8	93.5	84.7	73.9	58.8	49.2	70.5
Oreg.	Portland	43.7	48.8	54.2	61.7	67.5	71.8	78.6	77.9	73.7	63.2	51.7	46.5	61.6
Pa.	Philadelphia	40.3	41.8	50.3	62.6	73.4	81.6	85.9	83.7	77.2	66.5	54.0	42.3	63.3
	Pittsburgh	36.5	37.6	46.1	60.0	71.4	79.9	83.3	81.9	75.5	63.7	49.5	38.1	60.3
R.I.	Providence	37.3	38.3	45.3	56.6	67.7	76.1	81.4	80.0	73.1	63.4	52.2	40.4	59.3
S.C.	Columbia	58.2	60.5	66.5	76.3	84.7	91.5	92.5	91.2	86.1	77.4	66.7	58.2	75.8
S.Dak.	Sioux Falls	25.1	29.1	39.4	57.0	70.1	79.4	86.0	83.3	73.5	61.9	42.5	30.3	56.5
Tenn.	Memphis	50.6	53.9	61.4	72.1	80.1	88.3	91.1	90.7	85.6	75.7	61.5	52.5	72.0
	Nashville	48.8	51.4	59.4	70.8	79.8	88.4	90.7	89.9	84.5	73.7	59.1	50.3	70.6
Tex.	Dallas	55.8	59.5	67.0	75.4	82.7	90.9	94.5	95.0	88.3	78.8	65.7	58.0	76.0
	El Paso	56.3	62.4	69.4	78.2	86.9	95.4	94.9	93.0	87.5	78.8	66.3	57.5	77.2
	Houston	63.6	65.5	71.7	78.0	85.7	91.1	92.1	92.8	89.1	82.3	71.1	65.4	79.0
Utah	Salt Lake City	36.8	42.0	52.0	63.4	74.0	83.7	94.1	90.8	80.3	65.2	47.5	39.0	64.1
Vt.	Burlington	25.4	27.1	36.3	52.4	66.4	77.1	81.9	79.6	70.6	58.6	43.4	30.2	54.1
Va.	Norfolk	50.2	51.0	57.2	68.0	77.3	84.9	87.9	86.2	80.9	70.9	61.0	51.8	68.9
	Richmond	48.3	50.6	59.1	70.4	79.3	86.8	89.4	86.5	81.8	70.6	59.9	49.8	69.4
Wash.	Seattle-Tacoma	43.6	47.0	51.3	58.2	65.6	69.9	75.6	74.6	69.3	60.3	49.6	45.9	59.2
	Spokane	31.4	37.4	47.0	58.6	69.3	74.5	85.6	83.0	74.7	60.1	42.9	35.9	58.4
W.Va.	Charleston	45.2	46.9	54.5	66.3	76.7	83.2	85.6	84.3	79.5	69.3	55.3	45.6	66.0
Wis.	Milwaukee	28.3	30.2	38.8	53.1	63.9	73.9	78.9	77.7	70.7	60.1	44.1	32.0	54.3
Wyo.	Cheyenne	37.2	39.4	44.1	55.5	65.1	76.5	85.2	82.8	74.2	62.7	47.2	41.6	59.3
P.R.	San Juan	81.3	81.8	83.1	84.0	85.8	87.1	87.1	87.8	87.8	87.1	85.0	82.7	85.1

[1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data.* Monthly with annual summary.

No. 272. Normal Monthly Minimum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960]

	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	43.7	45.7	50.3	57.6	65.3	71.5	73.1	73.0	68.3	59.5	48.2	44.3	58.4
Alaska	Juneau	20.0	21.4	24.3	30.5	37.6	43.7	47.8	46.6	42.5	36.7	29.4	24.0	33.7
Ariz.	Phoenix	35.3	38.9	42.9	50.4	57.1	65.5	75.0	73.4	67.3	54.6	42.4	37.0	53.3
Ark.	Little Rock	30.5	34.1	40.9	51.2	59.5	68.0	71.1	70.1	62.2	50.2	37.6	31.7	50.6
Calif.	Los Angeles [1]	46.6	48.2	50.2	53.0	56.0	58.9	62.6	62.9	61.4	57.4	52.1	48.8	54.8
	Sacramento	37.2	39.8	42.0	45.3	49.7	54.4	57.4	56.3	55.0	49.4	41.6	38.1	47.2
	San Francisco [1]	45.5	47.3	48.6	49.5	51.3	53.1	53.3	53.9	55.1	54.4	51.0	47.4	50.9
Colo.	Denver	14.8	18.3	22.8	32.3	41.8	51.0	57.4	56.2	47.0	36.2	23.6	18.0	35.0
Conn.	Hartford	17.3	18.2	26.7	37.3	47.7	56.9	61.8	59.7	51.8	41.2	31.6	20.2	39.2
Del.	Wilmington	25.5	25.2	32.0	41.6	52.0	61.0	65.8	64.3	57.3	45.9	35.7	26.7	44.4
D.C.	Washington	29.5	29.4	35.8	45.6	56.0	64.9	69.3	67.9	60.7	49.6	38.9	30.5	48.2
Fla.	Jacksonville	45.0	46.5	51.1	57.8	65.1	71.1	73.2	73.2	71.1	61.8	51.2	45.5	59.4
	Miami	57.9	58.8	61.1	65.8	69.7	73.5	74.7	74.9	74.6	70.9	64.6	59.1	67.1
Ga.	Atlanta	37.3	38.4	42.5	50.2	59.2	67.5	70.7	69.8	64.3	52.4	41.5	37.1	52.6
Hawaii	Honolulu	65.8	66.0	66.4	68.1	70.0	72.0	73.0	73.8	73.2	72.1	69.7	67.9	69.8
Idaho	Boise	22.1	26.5	31.9	37.4	44.5	51.1	59.0	55.5	46.6	37.9	28.7	25.0	38.9
Ill.	Chicago	19.0	20.6	29.0	40.5	50.9	61.5	67.1	65.9	57.4	46.7	32.6	22.5	42.8
	Peoria	17.6	20.1	28.4	40.3	50.7	61.1	65.0	63.5	55.0	44.1	30.7	21.3	41.5
Ind.	Indianapolis	21.0	22.8	29.7	40.3	50.7	60.4	64.3	62.7	54.9	44.0	31.8	23.2	42.2
Iowa	Des Moines	11.3	14.6	24.6	38.0	49.8	60.7	65.2	63.4	53.8	42.6	27.6	17.0	39.1
Kans.	Wichita	22.3	25.6	33.0	45.2	54.9	65.2	69.4	68.8	58.9	48.0	33.7	26.6	46.0
Ky.	Louisville	26.5	26.0	32.8	43.1	52.6	61.8	66.6	65.1	57.7	46.2	34.9	27.8	45.1
La.	New Orleans [1]	46.2	48.0	52.4	59.4	66.0	71.9	73.7	73.4	69.7	60.7	50.6	47.2	59.9
Maine	Portland	11.7	12.1	22.0	32.4	41.7	51.1	56.7	55.2	47.2	37.4	28.6	16.3	34.4
Md.	Baltimore [1]	30.4	30.3	36.5	46.6	57.1	66.0	70.7	69.2	62.4	51.6	41.2	32.2	49.5
Mass.	Boston	23.0	23.1	30.7	40.0	50.1	59.2	65.4	63.3	57.1	47.2	37.8	26.5	43.6
Mich.	Detroit	20.7	20.4	27.3	38.8	49.4	60.3	64.8	63.6	56.0	44.7	33.7	24.1	42.0
	Sault Ste. Marie	8.4	7.4	15.8	29.6	39.3	48.0	53.5	54.0	47.1	38.1	26.9	14.4	31.9
Minn.	Duluth	−0.6	0.1	11.4	26.9	37.7	47.3	53.9	52.9	43.7	34.6	19.5	5.7	27.8
	Minneapolis-St. Paul	2.3	5.0	17.6	32.8	45.4	55.5	60.7	58.6	48.5	37.2	21.8	8.7	32.8
Miss.	Jackson	37.4	39.4	44.4	52.5	60.9	68.4	71.7	70.9	64.7	54.4	43.4	38.9	53.9
Mo.	Kansas City	23.4	26.7	34.0	45.8	56.0	66.5	71.0	69.2	59.9	48.7	34.6	27.9	47.0
	St. Louis	23.5	25.3	32.4	43.8	53.3	63.1	66.9	66.3	57.6	46.6	34.5	26.5	45.0
Mont.	Great Falls	12.5	13.6	20.2	31.9	40.2	46.9	54.1	51.8	43.5	35.6	24.4	18.8	32.8
Nebr.	Omaha	12.9	17.0	27.3	40.9	52.1	62.4	67.3	65.5	55.3	43.8	28.8	19.1	41.0
Nev.	Reno	16.2	21.4	25.6	30.5	36.3	39.8	45.9	42.7	36.4	29.4	20.8	16.4	30.1
N.H.	Concord	10.6	11.8	21.7	21.7	41.6	51.3	56.4	54.1	46.2	35.6	27.2	14.8	33.6
N.J.	Atlantic City	26.6	26.1	32.4	41.7	51.5	60.7	66.3	65.1	58.4	47.8	37.9	28.1	45.2
N. Mex.	Albuquerque	23.5	27.5	32.7	42.2	51.9	61.1	65.8	64.3	57.6	45.3	31.1	25.6	44.1
N.Y.	Albany	14.4	14.8	24.0	35.7	46.3	55.8	60.5	58.5	50.3	39.8	30.6	18.5	37.4
	Buffalo	18.2	17.2	24.4	34.0	44.1	54.5	59.4	58.1	51.2	41.4	31.7	21.1	37.9
	New York [1]	26.9	26.4	33.2	43.1	53.4	62.5	68.2	66.8	60.1	50.3	40.3	29.7	46.7
N.C.	Charlotte	34.0	34.7	40.0	49.6	58.6	66.6	69.5	69.5	63.8	52.2	40.1	34.1	51.1
	Raleigh	31.3	31.9	37.8	46.8	55.7	63.9	67.6	66.7	60.4	48.2	37.7	31.4	48.3
N. Dak.	Bismarck	0.1	3.7	17.3	32.1	43.6	52.4	57.7	54.8	44.7	34.0	19.1	8.6	30.7
Ohio	Cincinnati [1]	28.0	28.7	35.2	45.7	55.5	65.3	68.8	67.5	60.3	49.3	38.2	30.0	47.7
	Cleveland	20.3	19.6	26.7	35.7	46.3	56.2	60.2	58.5	52.3	42.0	31.8	22.9	39.4
	Columbus	22.0	22.7	29.3	39.4	49.4	58.6	62.9	61.4	54.2	42.5	31.8	23.4	41.5
Okla.	Oklahoma City	28.1	31.2	37.5	49.1	58.6	68.5	72.2	72.0	62.9	51.8	38.0	31.4	50.1
Oreg.	Portland	33.0	35.1	37.9	41.8	47.2	52.2	55.7	55.2	50.7	45.1	38.4	36.1	44.0
Pa.	Philadelphia	24.3	24.6	31.6	41.4	51.8	60.4	65.2	63.5	56.2	44.9	34.5	25.5	43.7
	Pittsburgh	21.2	20.7	27.4	37.9	48.1	56.9	60.9	59.6	52.8	42.4	32.0	23.2	40.3
R.I.	Providence	21.0	21.1	28.6	37.7	47.2	56.3	62.7	60.9	53.3	42.9	33.8	23.5	40.8
S.C.	Columbia	35.6	36.3	42.3	50.8	59.6	67.9	70.7	69.7	64.5	52.0	40.7	34.5	52.1
S. Dak.	Sioux Falls	5.2	9.0	20.8	34.7	46.5	56.8	62.5	60.3	50.0	38.6	22.7	11.9	34.9
Tenn.	Memphis	32.4	34.3	40.7	50.7	60.4	68.6	71.5	70.3	62.1	50.5	38.7	32.5	51.1
	Nashville	30.9	32.5	38.7	48.4	57.4	66.3	69.6	68.4	61.1	49.3	37.9	32.4	49.4
Tex.	Dallas	36.0	39.4	45.2	54.6	63.1	71.7	75.3	75.0	67.4	56.8	44.1	38.1	55.6
	El Paso	29.5	35.7	40.3	48.5	56.9	66.5	68.9	67.7	61.4	50.0	36.1	30.7	49.4
	Houston	43.6	46.0	50.8	59.0	66.2	72.0	73.8	73.6	69.3	60.4	50.5	45.9	59.3
Utah	Salt Lake City	17.5	22.9	28.8	36.4	43.8	51.0	59.6	58.2	48.5	38.2	25.9	21.2	37.7
Vt.	Burlington	6.9	7.6	17.0	30.0	41.2	51.2	56.0	53.8	46.1	36.6	27.1	12.8	32.2
Va.	Norfolk	32.2	32.2	38.7	47.9	57.7	66.3	69.6	68.8	64.3	53.1	41.8	33.1	50.5
	Richmond	29.0	29.2	36.3	45.8	54.6	63.4	66.7	65.4	58.6	46.7	37.1	29.5	46.9
Wash.	Seattle-Tacoma	33.0	34.5	36.2	40.1	45.3	49.7	54.1	53.6	50.5	44.4	38.1	35.7	42.9
	Spokane	19.2	22.5	29.1	35.9	43.1	49.3	55.4	52.9	47.0	38.0	28.5	24.2	37.1
W. Va.	Charleston	27.9	28.0	34.3	44.3	52.8	60.8	64.2	63.3	56.8	45.3	35.2	28.6	45.1
Wis.	Milwaukee	12.8	14.6	23.2	34.1	42.9	52.6	58.4	57.8	49.9	39.9	27.5	17.1	35.9
Wyo.	Cheyenne	13.6	15.2	20.7	29.6	40.6	49.5	54.8	52.6	43.0	32.2	21.2	17.4	32.5
P.R.	San Juan	67.4	67.0	67.5	69.2	71.5	72.9	73.7	74.0	73.2	72.8	71.4	69.6	70.9

[1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 273. Highest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1965]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile [1]	93	84	82	91	92	100	102	104	102	103	95	86	83	104
Alaska	Juneau	22	57	49	52	71	82	84	84	83	72	61	56	54	84
Ariz.	Phoenix [1]	70	85	92	97	104	114	118	118	117	118	105	96	88	118
Ark.	Little Rock	28	83	83	88	93	98	104	107	108	106	97	86	80	108
Calif.	Los Angeles [2]	25	86	90	89	96	99	104	103	101	110	104	95	89	110
	Sacramento [1]	88	72	80	85	96	103	115	114	111	109	102	87	72	115
	San Francisco [2]	29	79	75	83	86	91	101	92	87	97	94	84	76	101
Colo.	Denver [1]	94	76	77	83	86	96	104	104	105	97	90	79	79	105
Conn.	Hartford	20	66	68	87	94	96	101	101	101	101	91	83	67	101
Del.	Wilmington	18	75	74	86	89	95	99	102	101	100	91	85	71	102
D.C.	Washington [1]	95	80	84	93	96	97	102	106	106	104	96	87	75	106
Fla.	Jacksonville	24	85	88	90	93	99	103	105	102	100	96	88	84	105
	Miami	23	87	89	90	93	94	98	96	98	95	92	89	86	98
Ga.	Atlanta	31	79	79	86	89	97	102	103	102	99	95	84	74	103
Hawaii	Honolulu [2]	43	83	82	83	83	84	86	87	88	88	87	86	85	88
Idaho	Boise	26	63	67	76	92	96	109	111	110	102	91	73	62	111
Ill.	Chicago	21	67	69	82	88	94	104	103	101	101	91	81	65	104
	Peoria	26	68	70	81	89	92	100	103	101	100	90	81	66	103
Ind.	Indianapolis	35	71	72	81	88	94	102	107	100	100	90	81	69	107
Iowa	Des Moines [1]	87	65	78	88	92	105	103	110	110	102	95	82	69	110
Kans.	Wichita	13	73	81	89	94	100	106	113	110	103	95	80	83	113
Ky.	Louisville	18	77	77	85	91	95	102	105	101	104	92	84	72	105
La.	New Orleans [1]	95	84	85	90	92	98	102	102	102	101	96	92	85	102
Maine	Portland	25	64	64	86	85	92	97	98	100	95	88	73	62	100
Md.	Baltimore [2]	95	79	83	90	95	98	105	107	105	101	97	87	75	107
Mass.	Boston	12	62	68	78	91	93	100	100	100	100	90	76	64	100
Mich.	Detroit	32	67	68	82	87	93	104	105	101	100	92	81	64	105
	Sault Ste. Marie	25	43	45	75	82	88	92	93	98	93	80	66	59	98
Minn.	Duluth [1]	89	55	58	78	88	95	97	106	97	94	86	73	56	106
	Minneapolis-St. Paul	27	58	59	78	92	95	100	104	102	98	89	75	63	104
Miss.	Jackson	34	85	83	88	93	99	105	104	106	103	96	86	84	106
Mo.	Kansas City	30	75	76	89	91	97	107	112	113	109	98	83	74	113
	St. Louis [1]	95	77	84	92	93	98	105	115	108	104	94	86	76	115
Mont.	Great Falls	28	62	67	72	87	90	99	102	106	94	91	72	69	106
Nebr.	Omaha [1]	93	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.	Reno	23	68	73	78	87	94	101	104	102	101	90	77	69	104
N.H.	Concord	23	68	66	85	91	97	98	99	100	98	90	80	63	100
N.J.	Atlantic City	20	73	73	87	89	96	100	98	102	97	90	84	72	102
N. Mex.	Albuquerque	26	68	72	81	89	98	101	104	100	98	87	74	72	104
N.Y.	Albany	18	64	62	79	91	94	99	100	99	100	89	82	62	100
	Buffalo	22	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York [2]	97	72	75	86	92	99	101	106	104	102	94	84	70	106
N.C.	Charlotte	26	78	80	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	19	79	80	92	93	97	104	105	101	104	98	88	78	105
N. Dak.	Bismarck	26	54	68	81	92	98	100	108	109	105	95	74	62	109
Ohio	Cincinnati [2]	50	77	76	88	90	95	102	109	103	101	92	83	71	109
	Cleveland	36	73	72	83	88	95	102	107	102	101	90	82	63	107
	Columbus [1]	87	74	73	85	90	96	102	106	103	101	90	80	70	106
Okla.	Oklahoma City	12	74	84	89	95	96	100	107	107	102	95	81	86	107
Oreg.	Portland	25	62	66	80	87	92	100	105	100	101	89	69	64	105
Pa.	Philadelphia	24	74	74	87	92	96	100	102	101	100	96	80	72	102
	Pittsburgh [1]	91	75	77	84	90	95	99	103	103	102	91	82	73	103
R.I.	Providence	26	63	65	86	87	94	97	99	100	99	88	81	69	100
S.C.	Columbia	18	82	84	89	93	101	107	107	106	101	101	90	80	107
S. Dak.	Sioux Falls	18	59	70	80	94	94	101	108	105	99	92	75	61	108
Tenn.	Memphis	24	78	81	85	91	97	104	106	105	103	95	85	79	106
	Nashville	25	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.	Dallas	25	88	88	96	99	99	105	111	109	105	99	89	89	111
	El Paso	23	75	81	88	98	104	109	109	103	103	93	83	76	109
	Houston [1]	76	84	90	96	94	98	103	105	108	101	99	90	85	108
Utah	Salt Lake City	37	60	68	78	85	93	104	107	103	98	89	74	66	107
Vt.	Burlington	20	63	60	84	87	91	96	99	101	94	85	75	62	101
Va.	Norfolk	17	77	78	85	97	97	101	103	97	98	95	85	77	103
	Richmond	36	80	83	93	96	100	104	104	102	103	99	86	78	104
Wash.	Seattle-Tacoma	21	61	68	72	82	93	96	97	99	89	80	74	61	99
	Spokane	18	52	61	71	84	92	97	102	108	96	85	65	54	108
W. Va.	Charleston	18	79	77	87	90	93	98	102	100	102	92	85	79	102
Wis.	Milwaukee	24	62	60	81	85	90	99	101	100	98	89	77	63	101
Wyo.	Cheyenne	30	63	71	73	82	89	100	100	96	93	82	73	69	100
P.R.	San Juan	11	90	91	93	93	93	94	92	92	93	93	92	90	94

[1] Represents combination of several locations within the city. [2] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 274. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1965]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile [1]	94	8	−1	11	32	43	50	60	57	47	32	22	10	−1
Alaska	Juneau	22	−19	−12	−11	6	25	31	36	27	26	16	−3	−21	−21
Ariz.	Phoenix [1]	69	16	22	29	32	39	49	61	58	47	36	25	22	16
Ark.	Little Rock	28	−4	−5	11	20	40	52	56	55	37	30	17	−1	−5
Calif.	Los Angeles [2]	25	28	34	38	42	46	50	54	53	51	46	39	32	28
	Sacramento [1]	88	19	21	29	32	34	41	47	46	43	31	26	17	17
	San Francisco [2]	29	30	36	38	42	44	47	47	48	48	45	41	37	30
Colo.	Denver	94	−29	−30	−11	4	19	30	42	40	21	−2	−18	−25	−30
Conn.	Hartford	20	−26	−21	−8	19	27	37	44	36	27	22	10	−11	−26
Del.	Wilmington	18	−4	−4	9	23	34	44	50	48	37	26	14	3	−4
D.C.	Washington [1]	95	−14	−15	4	15	33	43	52	49	36	26	11	−13	−15
Fla.	Jacksonville	24	20	19	25	35	49	57	65	64	55	38	23	12	12
	Miami	23	34	32	40	41	53	65	69	68	69	51	39	35	32
Ga.	Atlanta	31	−3	5	10	28	38	46	58	56	41	29	3	1	−3
Hawaii	Honolulu [2]	43	57	58	58	59	64	64	68	68	69	66	62	59	57
Idaho	Boise	26	−17	−10	10	20	27	38	41	38	27	20	−3	−1	−17
Ill.	Chicago	21	−15	−15	−7	19	30	35	49	46	36	20	−2	−14	−15
	Peoria	26	−20	−16	−10	20	31	39	47	43	26	19	−1	−18	−20
Ind.	Indianapolis	35	−18	−19	−6	16	29	39	44	42	28	17	−2	−15	−19
Iowa	Des Moines [1]	87	−30	−26	−22	11	26	37	48	40	26	7	−10	−21	−30
Kans.	Wichita	13	−12	−3	−2	17	33	44	54	48	40	23	8	−5	−12
Ky.	Louisville	18	−20	−19	−1	25	31	45	50	49	33	23	−1	−9	−20
La.	New Orleans [1]	95	15	7	26	35	37	58	61	61	53	36	26	18	7
Maine	Portland	25	−21	−39	−21	8	23	33	40	38	23	18	6	−21	−39
Md.	Baltimore [2]	95	−6	−7	5	15	34	46	54	51	39	30	12	−3	−7
Mass.	Boston	12	−12	−4	7	17	34	47	55	52	39	31	17	−4	−12
Mich.	Detroit	32	−13	−16	−1	14	30	38	48	43	32	25	5	−5	−16
	Sault Ste. Marie	25	−24	−25	−24	1	21	28	36	32	25	20	−5	−20	−25
Minn.	Duluth [1]	89	−41	−36	−28	−5	16	30	37	36	22	8	−29	−35	−41
	Minneapolis-St. Paul	27	−32	−28	−32	2	24	34	45	40	26	16	−17	−22	−32
Miss.	Jackson	34	−5	1	17	30	42	48	57	54	41	28	16	14	−5
Mo.	Kansas City	30	−13	−7	−3	16	32	44	54	49	34	24	5	−4	−13
	St. Louis [1]	95	−22	−18	−5	20	32	44	51	47	32	21	1	−15	−22
Mont.	Great Falls	28	−33	−35	−29	−6	15	31	42	35	23	7	−23	−36	−36
Nebr.	Omaha [1]	93	−32	−26	−16	6	25	39	50	44	30	8	−14	−20	−32
Nev.	Reno	23	−16	−12	−2	13	19	25	33	24	21	13	1	−9	−16
N.H.	Concord	23	−30	−37	−16	9	21	32	38	33	21	16	5	−22	−37
N.J.	Atlantic City	20	−8	−4	9	24	32	42	52	49	35	26	16	−7	−8
N. Mex.	Albuquerque	26	−7	−5	8	19	33	44	54	53	37	26	10	3	−7
N.Y.	Albany	18	−26	−21	−21	14	27	36	41	42	24	20	6	−19	−26
	Buffalo	22	−12	−20	−2	12	26	35	43	38	32	20	7	−8	−20
	New York [2]	97	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
N.C.	Charlotte	26	−3	5	10	26	32	50	53	53	38	24	11	2	−3
	Raleigh	19	5	7	11	27	29	44	49	49	37	19	14	4	4
N. Dak.	Bismarck	26	−44	−34	−31	−2	19	33	39	33	16	5	−29	−36	−44
Ohio	Cincinnati [2]	50	−17	−9	3	18	29	40	50	43	32	20	1	−13	−17
	Cleveland	36	−19	−15	−5	10	26	38	43	41	32	23	4	−9	−19
	Columbus	87	−20	−20	−2	15	28	39	44	39	31	20	−5	−12	−20
Okla.	Oklahoma City	12	−4	7	3	20	39	47	57	51	45	22	11	5	−4
Oreg.	Portland	25	−2	−3	19	29	29	41	43	44	34	26	13	6	−3
Pa.	Philadelphia	24	−5	−4	7	24	33	44	52	45	35	25	15	1	−5
	Pittsburgh [1]	91	−18	−20	−1	11	26	38	42	40	31	16	−1	−9	−20
R.I.	Providence	26	−9	−15	1	14	29	39	46	40	32	26	12	−11	−15
S.C.	Columbia	18	12	11	18	29	34	51	54	54	44	28	16	4	4
S. Dak.	Sioux Falls	18	−26	−31	−23	11	20	33	44	34	24	13	−17	−25	−31
Tenn.	Memphis	24	−4	−11	12	29	38	50	52	48	36	25	9	−13	−13
	Nashville	25	−15	−13	5	25	34	44	51	47	36	26	−1	−7	−15
Tex.	Dallas	25	2	7	11	31	39	53	61	61	36	30	17	10	2
	El Paso	23	−8	8	15	28	38	50	60	59	41	32	16	5	−8
	Houston [1]	76	5	6	21	32	45	55	55	54	45	33	23	15	5
Utah	Salt Lake City	37	−22	−30	5	14	25	35	41	37	27	18	−14	−21	−30
Vt.	Burlington	20	−30	−26	−20	9	25	35	39	39	25	20	−2	−22	−30
Va.	Norfolk	17	12	11	20	28	36	48	57	55	46	30	20	14	11
	Richmond	36	−12	−10	11	26	31	41	51	46	37	21	10	−1	−12
Wash.	Seattle-Tacoma	21	–	1	11	29	28	38	43	44	36	28	6	10	–
	Spokane	18	−24	−22	−3	21	24	34	39	35	25	20	−11	−20	−24
W. Va.	Charleston	18	−12	−4	10	20	28	41	46	46	34	17	6	−2	−12
Wis.	Milwaukee	24	−24	−19	−10	13	24	33	40	44	28	21	−5	−15	−24
Wyo.	Cheyenne	30	−27	−34	−21	−6	16	25	38	37	18	2	−12	−24	−34
P.R.	San Juan	11	61	62	60	65	66	69	69	70	69	67	66	63	60

– Represents zero. [1] Represents combination of several locations within the city. [2] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 275. Normal Monthly and Annual Precipitation—Selected Cities

[In inches. Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960. T denotes trace. See *Historical Statistics, Colonial Times to 1957*, series J 136–265, for related data]

STATION		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	4.64	4.59	7.23	6.36	4.88	6.23	9.67	6.44	6.25	3.03	3.35	5.46	68.13
Alaska	Juneau	4.00	3.06	3.27	2.87	3.24	3.39	4.49	5.02	6.67	8.33	6.06	4.22	54.62
Ariz.	Phoenix	0.73	0.85	0.66	0.32	0.13	0.09	0.77	1.12	0.73	0.46	0.49	0.85	7.20
Ark.	Little Rock	5.22	4.33	4.81	4.93	5.28	3.61	3.34	2.82	3.23	2.88	4.12	4.09	48.66
Calif.	Los Angeles [1]	3.07	3.33	2.26	1.17	0.16	0.06	T	0.04	0.23	0.41	1.08	2.87	14.68
	Sacramento	3.18	2.99	2.36	1.40	0.59	0.10	T	0.02	0.19	0.77	1.45	3.24	16.29
	San Francisco [1]	4.55	3.66	2.93	1.44	0.63	0.14	0.01	0.04	0.22	0.89	2.00	4.27	20.78
Colo.	Denver	0.55	0.69	1.21	2.11	2.70	1.44	1.53	1.28	1.13	1.01	0.69	0.47	14.81
Conn.	Hartford	3.58	2.94	3.80	3.73	3.41	3.70	3.61	4.01	3.65	3.18	3.84	3.47	42.92
Del.	Wilmington	3.40	2.95	4.02	3.33	3.53	4.07	4.25	5.59	3.95	2.91	3.53	3.03	44.56
D.C.	Washington	3.03	2.47	3.21	3.15	4.14	3.21	4.15	4.90	3.83	3.07	2.84	2.78	40.78
Fla.	Jacksonville	2.45	2.91	3.49	3.55	3.47	6.33	7.68	6.85	7.56	5.16	1.69	2.22	53.36
	Miami	2.03	1.87	2.27	3.88	6.44	7.37	6.75	6.97	9.47	8.21	2.83	1.67	59.76
Ga.	Atlanta	4.44	4.51	5.37	4.47	3.16	3.83	4.72	3.60	3.26	2.44	2.96	4.38	47.14
Hawaii	Honolulu	3.76	3.30	2.89	1.31	0.99	0.33	0.44	0.89	0.99	1.84	2.16	2.99	21.89
Idaho	Boise	1.32	1.33	1.32	1.16	1.29	0.89	0.21	0.16	0.39	0.84	1.20	1.32	11.43
Ill.	Chicago	1.86	1.60	2.74	3.04	3.73	4.07	3.37	3.16	2.73	2.78	2.20	1.90	33.18
	Peoria	1.88	1.71	2.85	3.97	4.27	4.08	3.54	2.88	3.05	2.53	2.14	1.94	34.84
Ind.	Indianapolis	3.05	2.28	3.41	3.74	3.99	4.62	3.50	3.03	3.24	2.62	3.09	2.68	39.25
Iowa	Des Moines	1.30	1.10	2.09	2.53	4.07	4.71	3.06	3.67	2.88	2.06	1.76	1.14	30.37
Kans.	Wichita	0.81	0.92	1.64	2.30	3.97	4.21	3.64	2.87	3.22	2.40	1.49	0.94	28.41
Ky.	Louisville	4.10	3.29	4.59	3.82	3.90	3.99	3.36	2.97	2.63	2.25	3.20	3.22	41.32
La.	New Orleans [1]	4.29	4.35	5.91	5.54	4.86	5.59	8.12	6.64	6.41	3.15	3.51	4.59	62.96
Maine	Portland	4.37	3.80	4.34	3.73	3.41	3.18	2.86	2.42	3.52	3.20	4.17	3.85	42.85
Md.	Baltimore [1]	3.43	2.98	3.94	3.71	4.15	3.87	4.39	4.60	3.63	3.25	3.10	3.16	44.21
Mass.	Boston	3.94	3.32	4.22	3.77	3.34	3.48	2.88	3.66	3.46	3.14	3.93	3.63	42.77
Mich.	Detroit	2.05	2.08	2.42	3.00	3.53	2.83	2.82	2.86	2.44	2.63	2.21	2.08	30.95
	Sault Ste. Marie	2.07	1.50	1.81	2.16	2.77	3.30	2.48	2.89	3.81	2.82	3.33	2.28	31.22
Minn.	Duluth	1.15	0.96	1.62	2.36	3.29	4.27	3.54	3.81	2.86	2.17	1.78	1.16	28.97
	Minneapolis-St. Paul	0.70	0.78	1.53	1.85	3.19	4.00	3.27	3.18	2.43	1.59	1.40	0.86	24.78
Miss.	Jackson	5.18	4.96	5.74	4.91	4.38	3.79	4.76	3.33	2.53	2.04	3.90	5.30	50.82
Mo.	Kansas City	1.41	1.24	2.49	3.56	4.40	4.57	3.19	3.77	3.25	2.86	1.80	1.53	34.07
	St. Louis	1.98	2.04	3.08	3.71	3.73	4.29	3.30	3.02	2.76	2.86	2.57	1.97	35.31
Mont.	Great Falls	0.61	0.74	0.92	0.98	2.10	2.90	1.28	1.26	1.20	0.73	0.75	0.60	14.07
Nebr.	Omaha	0.82	0.95	1.45	2.56	3.48	4.53	3.37	3.98	2.63	1.73	1.26	0.80	27.56
Nev.	Reno	1.19	1.02	0.68	0.54	0.52	0.37	0.27	0.17	0.23	0.51	0.57	1.08	7.15
N.H.	Concord	3.23	2.48	3.26	3.31	3.17	3.60	3.41	2.96	3.75	2.66	3.72	3 25	38.80
N.J.	Atlantic City	3.56	3.13	3.91	3.41	3.51	2.83	3.72	4.90	3.31	3.20	3.66	3 22	42.36
N. Mex.	Albuquerque	0.41	0.38	0.48	0.47	0.75	0.57	1.20	1.33	0.95	0.75	0.38	0.46	8.13
N.Y.	Albany	2.47	2.20	2.72	2.77	3.47	3.25	3.49	3.07	3.58	2.77	2.70	2.59	35.08
	Buffalo	2.84	2.72	3.24	3.01	2.95	2.54	2.57	3.05	3.13	3.00	3.60	3.00	35.65
	New York [1]	3.31	2.84	4.01	3.43	3.67	3.31	3.70	4.44	3.87	3.14	3.39	3.26	42.37
N.C.	Charlotte	3.53	3.55	4.39	3.49	3.11	3.61	4.88	4 22	3.49	2.96	2.53	3.62	43.38
	Raleigh	3.22	3.23	3.35	3.52	3.52	3.70	5.49	5.20	3.85	2.71	2.77	3.02	43.58
N. Dak	Bismarck	0.44	0.43	0.78	1.22	1.97	3.40	2.19	1.73	1.19	0.85	0.59	0.36	15.15
Ohio	Cincinnati [1]	3.67	2.80	3.89	3.63	3.80	4.18	3.59	3.28	2.71	2.24	2.95	2.77	39.51
	Cleveland	2.67	2.33	3.13	3.41	3.52	3.43	3.31	3.28	2.90	2.42	2.61	2.34	35.35
	Columbus	3.16	2.31	3.16	3.49	4.00	4.16	3.93	2.86	2.65	2.11	2.50	2.34	36.67
Okla.	Oklahoma City	1.31	1.37	1.97	3.12	5.19	4.47	2.37	2.52	3.02	2.51	1.56	1.41	30.82
Oreg.	Portland	5.37	4.22	3.83	2.09	1.99	1.67	0.41	0.65	1.63	3.61	5.33	6.38	37.18
Pa.	Philadelphia	3.32	2.80	3.80	3.40	3.74	4.05	4.16	4.63	3.46	2.78	3.40	2.94	42.48
	Pittsburgh	2.97	2.19	3.32	3.08	3.91	3.78	3.88	3.31	2.54	2.52	2.24	2.40	36.14
R.I.	Providence	3.81	3.10	4.14	3.75	3.35	2.76	2.91	3.96	3.52	3.10	4.11	3.62	42.13
S.C.	Columbia	3.02	3.74	4.26	4.01	3.54	3.85	6.09	5.74	4.31	2.38	2.36	3.52	46.82
S. Dak.	Sioux Falls	0.62	0.93	1.54	2.31	3.38	4.35	2.84	3.59	2.61	1.25	1.00	0.74	25.16
Tenn.	Memphis	6.07	4.69	5.07	4.63	4.23	3.68	3.54	2.97	2.82	2.72	4.38	4.93	49.73
	Nashville	5.49	4.51	5.19	3.74	3.72	3.25	3.72	2.86	2.87	2.32	3.28	4.19	45.15
Tex.	Dallas	2.32	2.55	2.85	4.00	4.83	3.24	1.94	1.93	2.82	2.70	2.70	2.67	34.55
	El Paso	0.46	0.41	0.35	0.29	0.40	0.69	1.29	1.19	1.14	0.85	0.33	0.49	7.89
	Houston	3.78	3.44	2.67	3.24	4.32	3.69	4.29	4.27	4.26	3.77	3.86	4.36	45.95
Utah	Salt Lake City	1.35	1.18	1.56	1.76	1.40	0.98	0.58	0.87	0.53	1.15	1.30	1.24	13.90
Vt.	Burlington	1.95	1.79	2.11	2.63	2.99	3.49	3.85	3.37	3.31	2.97	2.62	2.13	33.21
Va.	Norfolk	3.33	3.21	3.45	3.16	3.36	3.61	5.92	5.97	4.22	2.92	3.05	2.74	44.94
	Richmond	3.46	2.90	3.42	3.15	3.72	3.75	5.61	5.54	3.65	3.00	3.04	2.97	44.21
Wash.	Seattle-Tacoma	5.73	4.24	3.79	2.40	1.73	1.58	0.81	0.95	2.05	4.02	5.35	6.29	38.94
	Spokane	2.44	1.86	1.50	0.91	1.21	1.49	0.38	0.41	0.75	1.57	2.24	2.43	17.19
W.Va.	Charleston	4.32	3.53	4.34	3.68	3.71	3.69	5.67	3.95	2.92	2.58	2.79	3.25	44.43
Wis.	Milwaukee	1.83	1.40	2.31	2.53	3.16	3.64	2.95	3.06	2.72	2.10	2.18	1.63	29.51
Wyo.	Cheyenne	0.52	0.56	1.21	1.88	2.52	2.11	1.82	1.44	1.10	0.83	0.62	0.45	15.06
P.R.	San Juan	4.70	2.90	2.20	3.72	7.12	5.66	6.25	7.13	6.76	5.83	6.49	5.45	64.21

[1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 276. Average Number of Days With Precipitation of 0.01 Inch or More—Selected Cities

[Airport data for period of record through 1965, except as noted]

STATE	STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	24	11	10	11	8	8	12	17	13	10	6	7	11	123
Alaska	Juneau	22	18	18	17	17	17	16	17	17	20	24	20	22	222
Ariz.	Phoenix	26	4	4	3	2	1	1	4	5	3	3	2	4	34
Ark.	Little Rock	23	9	9	11	11	10	8	8	7	7	6	8	9	101
Calif.	Los Angeles [1]	25	6	5	6	4	1	1	(Z)	1	1	2	4	5	36
	Sacramento	26	10	9	8	6	3	1	(Z)	(Z)	1	3	6	9	57
	San Francisco [1]	29	11	10	10	6	4	2	1	1	1	4	7	10	67
Colo.	Denver	31	6	6	9	9	10	9	9	8	6	5	5	5	87
Conn.	Hartford	11	10	11	11	12	11	11	10	10	10	8	11	11	125
Del.	Wilmington	18	11	10	12	12	11	9	9	10	8	8	9	9	118
D.C.	Washington	24	11	9	12	10	11	9	10	9	8	7	8	9	112
Fla.	Jacksonville	24	8	8	8	7	7	12	15	14	14	8	6	8	116
	Miami	23	6	6	5	6	10	14	16	16	18	15	7	7	125
Ga.	Atlanta	31	11	11	12	9	8	10	12	9	7	6	8	10	115
Hawaii	Honolulu	16	10	10	8	9	6	6	7	7	6	9	9	10	99
Idaho	Boise	26	12	11	10	8	9	7	2	2	4	6	10	11	91
Ill.	Chicago	23	10	10	12	13	12	10	9	8	8	7	10	10	119
	Peoria	26	9	8	11	12	12	10	8	8	8	7	8	9	108
Ind.	Indianapolis	26	12	10	13	12	13	10	9	8	7	7	10	11	121
Iowa	Des Moines	26	7	8	10	11	11	11	9	9	9	7	6	7	104
Kans.	Wichita	12	6	5	7	7	10	9	9	7	9	5	4	5	83
Ky.	Louisville	18	12	11	13	12	11	10	11	8	7	7	10	11	121
La.	New Orleans	17	10	10	9	7	7	10	15	13	9	5	6	10	112
Maine	Portland	25	11	11	11	12	13	11	9	9	8	9	11	11	126
Md.	Baltimore	15	10	9	12	12	10	10	8	10	8	6	9	8	112
Mass.	Boston	14	12	12	12	12	12	10	10	10	9	10	11	10	129
Mich.	Detroit	32	13	12	13	12	12	11	9	9	9	9	11	13	132
	Sault Ste. Marie	24	19	15	13	11	11	11	10	10	14	12	17	19	162
Minn.	Duluth	24	11	10	11	11	13	12	11	11	12	8	11	12	133
	Minneapolis-St. Paul	27	8	7	11	9	12	12	10	10	9	7	8	9	112
Miss.	Jackson [2]	7	11	11	11	9	9	11	10	10	9	7	9	10	116
Mo.	Kansas City	32	7	7	9	11	11	11	8	8	8	7	6	6	99
	St. Louis	8	8	8	12	11	10	9	9	8	7	7	7	8	103
Mont.	Great Falls	28	8	8	9	9	11	13	8	7	7	5	7	6	98
Nebr.	Omaha	30	7	8	9	9	11	11	9	10	8	6	5	6	98
Nev.	Reno	23	6	5	6	4	5	3	2	2	2	3	5	6	48
N.H.	Concord	24	11	10	11	12	12	10	10	9	9	9	11	10	124
N.J.	Atlantic City	22	11	10	11	12	10	9	9	9	7	7	9	9	112
N. Mex.	Albuquerque	26	4	4	4	4	4	3	9	9	5	5	3	4	58
N.Y.	Albany	19	13	11	12	13	13	10	11	10	9	8	11	11	131
	Buffalo	12	20	17	16	15	12	9	10	12	10	11	15	20	166
	New York [1]	97	11	10	12	11	11	10	11	10	8	8	9	10	121
N.C.	Charlotte	26	10	10	12	9	8	9	12	10	7	6	7	10	110
	Raleigh	21	10	11	11	9	10	10	12	11	8	7	9	8	115
N. Dak.	Bismarck	26	8	7	8	8	10	12	9	9	7	5	6	7	96
Ohio	Cincinnati [1]	50	13	11	13	12	12	13	10	9	8	9	10	11	132
	Cleveland	24	16	14	16	15	13	11	10	9	9	10	14	16	153
	Columbus	26	14	12	14	13	13	11	11	9	8	8	11	12	135
Okla.	Oklahoma City	26	5	7	7	8	10	9	7	7	7	6	5	5	82
Oreg.	Portland	25	19	17	17	14	12	10	4	5	7	13	18	19	154
Pa.	Philadelphia	25	11	9	12	11	11	10	9	10	8	8	9	9	117
	Pittsburgh	13	16	14	16	14	11	11	11	10	8	10	12	16	148
R.I.	Providence	12	11	11	11	12	11	11	10	10	9	8	11	11	124
S.C.	Columbia	18	9	11	11	9	8	10	12	11	8	6	7	9	111
S. Dak.	Sioux Falls	20	5	6	9	9	10	12	9	9	8	5	5	6	93
Tenn.	Memphis	15	10	10	12	10	8	8	9	8	6	5	8	9	103
	Nashville	24	12	11	13	11	10	10	10	9	7	6	9	11	118
Tex.	Dallas	25	7	8	7	8	8	6	5	5	5	5	6	6	79
	El Paso	26	3	2	2	2	2	4	8	7	4	3	2	4	44
	Houston	33	11	10	8	8	7	8	9	9	9	6	8	10	102
Utah	Salt Lake City	37	10	9	10	9	8	5	4	6	5	6	7	9	86
Vt.	Burlington	22	13	12	13	13	13	11	12	12	11	11	14	14	148
Va.	Norfolk	17	10	10	12	11	10	9	11	11	8	8	8	8	116
	Richmond	28	10	9	11	10	10	10	11	10	8	7	9	8	115
Wash.	Seattle-Tacoma	21	19	17	18	14	10	10	5	7	9	15	19	20	163
	Spokane	18	15	13	12	8	10	8	4	5	6	8	13	16	117
W.Va.	Charleston	18	16	14	15	14	13	11	13	10	8	9	11	13	148
Wis.	Milwaukee	25	10	9	11	12	12	10	9	9	9	8	9	10	119
Wyo.	Cheyenne	30	6	7	10	10	12	12	11	10	7	5	6	5	101
P.R.	San Juan	10	17	13	12	16	20	19	21	20	18	17	18	19	209

Z Less than ½ day. [1] City office data. [2] Record through 1964.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data.* Monthly with annual summary.

No. 277. Average Total Snow and Sleet—Selected Cities

[In inches. Airport data, for period of record through 1965, except as noted. T denotes trace]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	24	0.1	0.1	0.1	-	-	-	-	-	-	-	-	0.1	0.4
Alaska	Juneau	22	19.4	21.7	17.9	5.9	0.1	-	-	-	T	1.0	10.2	23.7	99.9
Ariz.	Phoenix	28	T	T	-	T	-	-	-	-	-	-	-	-	T
Ark.	Little Rock	23	2.2	1.0	0.5	T	-	-	-	-	-	-	0.1	1.3	5.2
Calif.	Los Angeles [1]	25	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	17	T	T	-	-	-	-	-	-	-	-	-	-	T
	San Francisco [1]	29	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo.	Denver	31	8.8	8.2	13.2	9.6	1.6	T	-	-	1.7	2.8	7.5	5.7	59.1
Conn.	Hartford	11	12.9	12.0	13.9	2.1	-	-	-	-	-	T	1.2	10.2	52.3
Del.	Wilmington	18	5.8	5.6	4.8	0.1	T	-	-	-	-	T	1.2	3.9	21.4
D.C.	Washington	22	4.7	4.8	3.0	T	T	-	-	-	-	T	0.6	3.6	16.9
Fla.	Jacksonville	24	T	0.1	T	-	-	-	-	-	-	-	-	T	0.1
	Miami	23	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	31	0.8	0.3	0.3	-	-	-	-	-	-	-	T	0.2	1.6
Hawaii	Honolulu	19	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	26	8.4	4.1	2.1	0.3	0.2	T	-	-	-	T	1.7	4.8	21.6
Ill.	Chicago	23	8.5	7.7	7.5	0.7	T	-	-	-	-	0.2	2.8	10.2	37.6
	Peoria	22	5.3	5.1	5.2	0.4	T	-	-	-	-	T	1.8	5.4	23.2
Ind.	Indianapolis	34	4.6	5.0	3.7	0.5	T	-	-	-	-	T	1.9	4.3	20.3
Iowa	Des Moines	26	8.7	7.0	8.6	1.2	T	-	-	-	T	0.1	1.8	6.2	33.6
Kans.	Wichita	12	4.7	3.6	3.3	0.2	-	-	-	-	-	T	0.5	2.8	15.1
Ky.	Louisville	18	5.4	3.9	3.2	0.1	-	-	-	-	-	T	1.0	2.7	16.3
La.	New Orleans	19	T	0.1	T	-	-	-	-	-	-	-	T	0.1	0.2
Maine	Portland	25	18.9	19.0	14.0	2.6	0.3	-	-	-	T	0.2	2.9	13.1	71.0
Md.	Baltimore	15	5.6	5.8	6.4	0.1	T	-	-	-	-	T	1.0	4.4	23.3
Mass.	Boston	30	12.7	11.2	7.9	0.7	T	-	-	-	-	T	1.3	7.1	41.1
Mich.	Detroit	32	7.9	8.0	5.5	1.2	T	-	-	-	-	T	2.6	6.6	31.8
	Sault Ste. Marie	24	22.6	16.9	15.8	4.5	0.5	T	-	-	0.2	2.0	14.1	26.4	103.1
Minn.	Duluth	22	14.6	13.1	14.5	6.8	0.9	T	-	-	T	1.0	9.8	14.4	75.1
	Minneapolis-St. Paul	27	6.3	8.0	11.5	2.7	0.2	-	-	-	0.1	0.3	6.1	7.0	42.2
Miss.	Jackson [2]	7	0.6	1.7	T	-	-	-	-	-	-	-	T	T	2.3
Mo.	Kansas City	32	6.0	4.2	4.3	0.7	T	-	-	-	-	T	1.1	4.7	21.0
	St. Louis	29	4.5	4.0	4.9	0.1	T	-	-	-	-	T	1.3	3.0	17.8
Mont.	Great Falls	28	8.6	9.6	9.4	5.2	1.4	0.4	T	-	1.4	2.4	8.0	7.6	53.9
Nebr.	Omaha	30	8.3	7.9	7.9	0.9	0.1	-	-	-	T	0.2	2.1	5.5	32.9
Nev.	Reno	23	6.3	4.8	5.3	1.4	1.1	T	-	-	T	0.2	2.1	3.7	24.9
N.H.	Concord	24	17.8	13.9	11.3	1.7	0.2	-	-	-	-	T	3.1	12.5	60.5
N.J.	Atlantic City	21	5.1	3.7	3.5	0.4	-	-	-	-	-	T	0.2	2.6	15.5
N. Mex.	Albuquerque	26	2.0	1.8	1.7	0.4	T	-	-	-	T	T	1.5	2.7	10.1
N.Y.	Albany	19	16.4	15.4	12.1	2.6	T	-	-	-	-	0.1	2.4	12.0	61.0
	Buffalo	12	25.1	19.9	15.0	4.1	T	-	-	-	T	0.4	11.0	22.0	97.5
	New York [1]	97	7.8	8.5	5.3	1.0	T	-	-	-	-	T	1.0	6.1	29.7
N.C.	Charlotte	26	2.1	0.9	1.1	T	-	-	-	-	-	-	T	0.4	4.5
	Raleigh	21	2.9	2.0	1.1	T	-	-	-	-	-	-	0.1	0.9	6.7
N. Dak.	Bismarck	26	6.7	5.7	7.7	3.3	1.1	T	-	-	0.3	1.2	4.9	5.3	36.2
Ohio	Cincinnati [1]	50	5.4	4.1	3.1	0.5	T	-	-	-	-	0.1	1.5	4.3	19.0
	Cleveland	24	10.2	10.6	10.7	2.4	T	-	-	-	T	0.7	5.3	11.0	50.9
	Columbus	18	6.9	5.9	4.9	0.7	T	-	-	-	-	0.1	2.6	6.4	27.5
Okla.	Oklahoma City	26	3.3	2.3	1.5	T	-	-	-	-	-	T	0.2	1.5	8.8
Oreg.	Portland	25	4.9	1.0	0.8	T	T	-	-	-	T	T	0.3	0.8	7.8
Pa.	Philadelphia	19	5.6	5.7	4.1	0.1	T	-	-	-	-	T	0.8	4.2	20.4
	Pittsburgh	13	10.3	9.9	9.3	2.0	-	-	-	-	-	0.3	3.3	8.5	43.7
R.I.	Providence	12	10.9	9.0	10.4	0.7	-	-	-	-	-	0.1	0.6	7.4	39.1
S.C.	Columbia	18	0.2	0.1	0.2	-	-	-	-	-	-	-	T	0.5	1.0
S. Dak.	Sioux Falls	20	5.7	10.8	12.2	2.2	T	-	-	-	T	0.2	4.4	5.9	41.4
Tenn.	Memphis	15	1.8	1.3	0.8	-	-	-	-	-	-	-	T	1.5	5.4
	Nashville	24	3.5	2.8	1.8	T	-	-	-	-	-	-	0.6	2.0	10.7
Tex.	Dallas	25	1.4	0.4	0.2	-	-	-	-	-	-	-	T	0.2	2.2
	El Paso	26	1.4	0.8	0.5	T	-	-	-	-	-	-	0.7	0.9	4.3
	Houston	33	0.2	0.2	-	-	-	-	-	-	-	-	-	T	0.4
Utah	Salt Lake City	37	13.3	9.3	9.2	3.3	0.5	T	-	-	0.1	0.6	6.2	10.2	52.7
Vt.	Burlington	22	16.8	17.2	11.4	2.0	T	-	-	-	T	0.1	5.7	14.9	68.1
Va.	Norfolk	17	3.1	1.7	0.7	0.1	-	-	-	-	-	-	T	1.5	7.1
	Richmond	28	5.2	3.1	3.1	0.2	-	-	-	-	-	T	0.5	1.8	13.9
Wash.	Seattle-Tacoma	21	6.2	2.4	2.2	T	-	-	-	-	-	T	1.4	2.2	14.4
	Spokane	18	19.5	8.7	5.5	0.6	T	T	-	-	-	0.5	6.1	16.5	57.4
W. Va.	Charleston	18	7.9	6.9	4.5	0.5	T	-	-	-	-	0.2	2.9	4.1	27.0
Wis.	Milwaukee	25	12.8	8.0	10.0	1.1	T	-	-	-	T	T	2.8	9.4	44.1
Wyo.	Cheyenne	30	6.4	6.2	12.2	9.5	3.9	0.5	-	-	0.7	2.7	6.4	5.3	53.8
P.R.	San Juan	10	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data. [2] Record through 1964.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 278. Average Percentage of Possible Sunshine—Selected Cities

[Airport data, for period of record through 1965, except as noted]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile [1]	46	49	51	57	65	69	67	61	63	64	72	62	48	61
Alaska	Juneau	20	29	31	38	39	37	33	30	31	26	17	22	18	31
Ariz.	Phoenix	70	77	79	83	88	93	94	84	85	89	88	84	77	86
Ark.	Little Rock	23	45	52	55	60	65	70	68	72	67	69	55	47	62
Calif.	Los Angeles [2]	25	72	73	74	68	67	67	82	82	80	74	77	71	74
	Sacramento	17	43	61	68	78	84	91	97	95	93	86	64	43	78
	San Francisco [2]	29	55	61	68	71	71	73	65	65	71	70	64	53	66
Colo.	Denver	16	72	70	69	64	64	71	72	73	76	76	67	70	70
Conn.	Hartford	11	55	53	56	53	60	60	60	61	59	59	48	49	57
Del.	Wilmington [1]	23	50	54	57	57	59	64	63	61	60	60	54	51	58
D.C.	Washington	17	49	51	56	55	58	65	64	62	63	62	53	49	58
Fla.	Jacksonville	15	59	62	63	70	71	59	59	58	48	56	59	55	60
	Miami [2 3]	22	68	74	74	72	68	62	62	63	58	59	66	65	66
Ga.	Atlanta	31	48	52	56	65	70	66	62	66	64	68	58	49	61
Hawaii	Honolulu	13	65	66	71	70	71	74	77	78	76	69	62	60	70
Idaho	Boise	26	42	50	60	67	69	75	89	86	81	67	47	40	67
Ill.	Chicago	23	43	47	51	54	61	68	69	68	64	63	44	42	58
	Peoria	22	45	48	51	55	60	66	69	69	68	65	48	43	58
Ind.	Indianapolis	23	41	52	52	56	63	69	72	73	70	68	47	44	60
Iowa	Des Moines	15	50	53	53	55	61	66	70	69	65	66	54	47	60
Kans.	Wichita	12	61	58	60	61	62	70	75	75	70	69	63	59	66
Ky.	Louisville	18	39	45	48	54	64	67	67	69	68	64	49	41	58
La.	New Orleans [2 4]	46	49	51	57	65	69	67	61	63	64	72	62	48	61
Maine	Portland	25	55	60	58	56	57	62	67	64	63	59	47	55	59
Md.	Baltimore	15	52	54	55	55	58	64	67	62	63	62	53	50	59
Mass.	Boston	30	52	57	58	55	58	64	65	66	64	61	52	54	60
Mich.	Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	24	33	44	52	53	54	57	63	57	43	44	24	26	46
Minn.	Duluth	15	51	55	58	54	56	62	67	61	51	53	37	43	55
	Minneapolis-St. Paul	27	51	57	53	55	57	62	69	66	59	59	41	42	58
Miss.	Jackson [3]	7	44	43	54	61	67	62	67	67	60	59	51	47	56
Mo.	Kansas City	32	52	55	57	59	63	69	76	73	69	68	59	51	64
	St. Louis	7	51	47	51	53	62	68	70	70	64	64	53	46	58
Mont.	Great Falls	24	52	59	67	63	63	64	80	77	66	62	47	49	64
Nebr.	Omaha	30	55	54	53	58	61	66	76	71	67	69	54	49	62
Nev.	Reno	23	66	70	73	78	77	83	92	93	91	81	72	63	79
N.H.	Concord	24	49	53	51	50	53	58	61	58	54	54	42	48	53
N.J.	Atlantic City	5	57	52	56	55	60	63	63	62	62	66	59	49	59
N. Mex.	Albuquerque	26	71	73	73	76	80	84	76	76	81	80	78	71	77
N.Y.	Albany	27	45	51	53	52	56	61	64	61	58	55	39	39	54
	Buffalo	22	34	40	47	51	60	67	70	66	62	55	31	30	53
	New York [2]	89	50	55	57	59	62	65	66	64	63	61	53	50	60
N.C.	Charlotte	15	55	57	59	68	69	69	68	71	68	72	63	60	65
	Raleigh	11	58	57	61	62	61	59	63	62	60	64	62	58	60
N. Dak.	Bismarck	26	55	56	58	58	61	63	76	73	64	62	46	48	61
Ohio	Cincinnati [2]	50	42	45	50	56	62	68	71	68	68	60	47	40	58
	Cleveland	24	30	35	45	52	60	66	68	65	60	55	33	29	52
	Columbus	14	39	42	45	53	62	67	69	69	69	62	45	34	57
Okla.	Oklahoma City	13	59	60	63	62	64	74	77	81	74	69	62	59	68
Oreg.	Portland	16	24	32	36	46	50	47	68	60	58	38	30	22	45
Pa.	Philadelphia	23	50	54	57	57	59	64	63	61	60	60	54	51	58
	Pittsburgh	13	41	40	48	50	58	64	67	64	67	61	49	38	55
R.I.	Providence	12	56	56	58	55	61	61	61	58	58	59	53	54	58
S.C.	Columbia	12	61	60	61	69	69	65	65	70	64	68	64	64	65
S. Dak.	Sioux Falls [1]	25	54	59	55	60	63	67	77	74	67	65	52	48	63
Tenn.	Memphis	15	48	53	54	63	70	73	74	77	73	73	59	50	65
	Nashville	24	40	47	50	59	62	68	64	66	65	65	52	41	58
Tex.	Dallas	25	50	52	57	57	61	73	78	77	72	67	62	55	66
	El Paso	23	77	81	83	86	89	89	78	81	82	84	83	77	83
	Houston	4	53	57	59	60	67	75	80	78	68	77	63	54	66
Utah	Salt Lake City	28	47	53	62	66	72	78	83	82	83	74	55	45	69
Vt.	Burlington	22	39	46	51	47	55	60	62	60	55	49	30	32	51
Va.	Norfolk	12	58	56	60	64	66	65	63	62	63	61	62	58	61
	Richmond	15	51	53	57	61	64	66	67	64	64	62	55	52	60
Wash.	Seattle [2 3]	31	28	34	42	47	52	49	63	56	53	37	28	23	45
	Spokane	18	27	39	54	62	62	67	81	76	71	52	29	20	57
W.Va.	Charleston [1]	68	31	36	42	49	56	60	62	60	60	54	37	29	48
Wis.	Milwaukee	25	43	44	49	54	59	64	71	67	61	58	43	40	56
Wyo.	Cheyenne	30	62	64	64	59	57	65	69	67	69	70	62	59	64
P.R.	San Juan	10	66	69	72	65	60	55	63	64	53	63	61	59	62

[1] Data not available; figures are for a nearby station. [2] City office data.
[3] Record through 1964. [4] Record through 1963.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 279. Average Relative Humidity,

[Airport data except as noted. Eastern standard time. For period of record through 1965, except as noted. Relative humidity observations were

STATION		Length of record (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m	1:00 p.m.
Ala.	Mobile	3	81	62	78	55	82	57	89	55	90	51	90	57
Alaska	Juneau	22	80	80	82	81	83	77	86	73	88	72	88	74
Ariz.	Phoenix	5	62	44	58	38	56	34	45	25	36	18	36	18
Ark.	Little Rock	5	81	57	80	56	79	56	82	54	87	56	87	55
Calif.	Los Angeles [1]	[2] 17/23	63	45	71	47	74	47	78	50	81	52	85	54
	Sacramento	5	92	90	86	79	84	70	85	63	84	55	79	49
	San Francisco [3]	23	87	78	86	75	84	69	86	69	87	67	88	66
Colo.	Denver	5	60	44	67	47	69	45	62	34	67	37	72	40
Conn.	Hartford	6	75	59	75	57	74	54	71	45	74	45	78	50
Del.	Wilmington	18	76	62	76	60	75	54	74	51	77	53	78	53
D.C.	Washington	5	69	54	69	56	69	48	69	48	71	48	76	52
Fla.	Jacksonville	29	88	56	86	52	85	49	84	47	82	48	85	55
	Miami	22	86	56	86	57	83	56	80	56	81	59	84	64
Ga.	Atlanta	5	77	58	77	58	79	55	81	55	83	54	88	62
Hawaii	Honolulu [3]	16	80	80	78	78	77	75	75	71	75	69	74	68
Idaho	Boise	26	82	75	82	70	75	56	72	48	72	48	70	44
Ill.	Chicago [3]	20	80	70	80	68	78	61	75	53	74	53	76	53
	Peoria	6	78	69	81	68	85	69	80	59	82	59	82	56
Ind.	Indianapolis	6	80	68	80	67	81	68	78	57	84	59	84	56
Iowa	Des Moines	4	81	72	86	75	86	71	83	61	83	61	85	60
Kans.	Wichita	12	80	63	81	61	77	53	78	51	83	55	85	55
Ky.	Louisville	5	79	65	79	63	78	64	75	52	86	56	87	60
La.	New Orleans	17	87	66	86	64	85	60	88	60	89	59	90	63
Maine	Portland	25	79	64	79	61	76	59	75	56	75	57	77	59
Md.	Baltimore	12	74	58	75	58	73	51	73	50	76	51	78	53
Mass.	Boston	12	69	58	71	59	69	56	69	54	68	54	70	55
Mich.	Detroit	[2] 32/28	80	70	80	67	79	61	75	53	72	52	74	53
	Sault Ste. Marie	24	84	77	84	74	85	68	81	61	80	57	85	62
Minn.	Duluth	4	74	64	74	62	77	60	77	57	77	56	81	59
	Minneapolis-St. Paul	6	76	68	78	67	80	67	80	58	79	57	82	55
Miss.	Jackson [3]	7	83	61	84	61	82	55	86	54	88	55	90	58
Mo.	Kansas City	5	71	58	72	58	74	56	71	50	76	53	81	60
	St. Louis	5	77	60	74	56	76	57	71	50	77	54	81	56
Mont.	Great Falls	4	67	62	67	60	68	57	71	51	72	49	74	47
Nebr.	Omaha [3]	8	78	66	81	66	79	60	75	47	78	52	82	55
Nev.	Reno [3]	24	81	67	80	61	76	46	73	37	75	35	75	31
N.H.	Concord	23	78	59	77	56	76	53	74	48	74	47	77	50
N.J.	Atlantic City	5	77	58	77	58	77	52	73	46	77	49	81	53
N. Mex.	Albuquerque	5	66	49	67	47	54	33	47	26	43	23	43	23
N.Y.	Albany	18	78	65	78	62	77	57	73	50	73	50	76	51
	Buffalo	5	74	71	76	69	79	69	77	62	76	55	77	58
	New York [1]	46	68	60	68	59	67	55	68	53	71	53	74	55
N.C.	Charlotte	5	78	53	79	55	82	53	81	49	84	50	89	59
	Raleigh	19	81	56	81	54	79	49	79	46	82	51	84	53
N. Dak.	Bismarck	6	70	64	76	69	78	64	78	51	78	50	82	53
Ohio	Cincinnati [1] [4]	14	81	69	80	64	77	57	75	53	78	52	81	54
	Cleveland	5	77	70	80	71	81	69	77	60	77	55	80	58
	Columbus	6	76	66	79	67	76	62	77	54	80	55	81	53
Okla.	Oklahoma City	11	81	63	81	61	77	54	78	52	85	59	87	59
Oreg.	Portland	25	86	81	87	80	87	71	87	68	86	67	85	66
Pa.	Philadelphia	6	75	60	73	59	73	55	77	50	77	52	75	53
	Pittsburgh	6	77	66	77	66	78	62	75	54	77	51	82	54
R.I.	Providence [3]	9	70	57	73	57	71	52	72	52	71	53	77	56
S.C.	Columbia	18	85	54	85	52	83	49	81	45	82	46	83	49
S. Dak.	Sioux Falls [3]	15	71	63	75	64	78	65	77	48	78	50	83	54
Tenn.	Memphis	26	81	65	81	62	79	57	80	54	82	55	84	56
	Nashville	25	83	67	83	62	81	57	81	50	84	53	84	53
Tex.	Dallas	6	76	58	76	56	75	54	79	54	84	59	83	57
	El Paso	5	60	42	51	35	46	31	31	20	34	20	39	23
	Houston	5	84	65	86	62	86	60	89	62	92	60	92	61
Utah	Salt Lake City	6	80	72	80	67	73	52	68	45	65	37	62	32
Vt.	Burlington	22	79	67	77	65	76	60	74	54	72	53	76	55
Va.	Norfolk	17	77	60	77	58	74	54	74	51	78	56	79	57
	Richmond	31	81	57	80	53	78	48	75	46	78	49	81	53
Wash.	Seattle-Tacoma	6	81	81	81	78	82	75	86	74	85	71	83	67
	Spokane	6	83	82	82	78	77	66	77	58	78	53	72	46
W. Va.	Charleston	18	77	62	77	59	74	54	75	48	82	50	86	55
Wis.	Milwaukee	5	76	68	77	68	84	71	78	60	78	60	81	59
Wyo.	Cheyenne	6	55	46	63	49	67	50	66	41	70	40	73	43
P.R.	San Juan	10	86	66	84	63	82	60	80	65	82	67	82	68

[1] City office data. [2] Slash numbers represent AM/PM.
[3] Record through 1964. [4] Record through 1961.

Percent—Selected Cities

Hours selected to give, for most of country, approximation of average highest and average lowest humidity values. made on the half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		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.	
91	64	93	61	87	59	82	48	84	57	82	61	86	57	Ala.... Mobile.
89	79	90	82	91	86	88	86	85	84	82	82	86	80	Alaska. Juneau.
48	28	58	36	58	35	50	27	60	39	68	49	53	32	Ariz... Phoenix.
88	58	89	55	91	59	85	47	85	58	81	61	84	56	Ark.... Little Rock.
84	49	84	49	78	47	76	47	61	40	62	42	75	53	Calif... Los Angeles.[1]
77	47	78	52	78	52	80	60	87	79	92	90	84	65	Sacramento.
90	69	90	70	87	68	86	69	86	72	87	77	87	71	San Francisco.[3]
69	32	68	36	71	39	58	29	66	42	64	44	66	39	Colo... Denver.
81	51	86	55	87	54	86	50	80	56	80	63	79	53	Conn.. Hartford.
80	53	84	56	86	55	85	53	82	56	78	60	79	56	Del.... Wilmington.
76	51	78	53	81	55	78	48	73	51	71	57	73	52	D.C... Washington.
86	57	90	59	91	62	90	57	89	55	88	58	87	55	Fla.... Jacksonville.
84	64	86	63	88	66	88	63	87	61	86	59	85	60	Miami.
91	66	91	61	89	59	82	47	84	54	80	59	83	57	Ga..... Atlanta.
74	69	75	70	74	70	76	72	77	73	77	76	76	73	Hawaii Honolulu.[3]
53	34	52	34	59	39	68	49	80	67	84	76	71	53	Idaho.. Boise.
78	52	82	53	81	50	80	52	79	62	80	68	79	58	Ill..... Chicago.[3]
88	60	87	59	89	61	86	57	85	66	82	71	84	63	Peoria.
90	62	90	61	89	57	85	55	85	65	82	73	84	62	Ind.... Indianapolis.
86	61	87	59	89	68	81	55	81	64	81	70	84	65	Iowa... Des Moines.
80	50	79	50	81	55	81	53	79	55	80	61	80	55	Kans.. Wichita.
90	60	88	55	90	59	86	52	82	62	77	64	83	59	Ky.... Louisville.
91	66	92	66	90	65	87	58	84	59	86	66	88	63	La..... New Orleans.
80	59	84	59	86	60	86	60	85	64	81	62	80	60	Maine. Portland.
81	53	84	56	86	56	83	52	78	53	76	58	78	54	Md.... Baltimore.
72	54	76	57	78	57	77	55	75	58	69	57	72	56	Mass.. Boston.
75	51	81	53	83	54	82	54	80	64	80	70	78	58	Mich.. Detroit.
88	61	91	62	92	67	89	66	87	76	86	79	86	67	Sault Ste. Marie.
85	59	88	64	87	66	80	57	80	69	77	71	80	62	Minn.. Duluth.
86	57	87	58	89	66	83	56	82	66	78	70	82	62	Minneapolis-St. Paul.
90	57	92	56	91	58	90	54	85	55	85	61	87	57	Miss... Jackson.[3]
79	59	79	57	81	59	70	47	73	56	73	60	75	56	Mo.... Kansas City.
85	60	85	54	87	55	78	48	81	57	78	63	79	56	St. Louis.
68	38	63	38	71	51	57	41	60	51	66	60	67	50	Mont.. Great Falls.
85	54	85	56	83	55	81	52	78	59	78	64	80	57	Nebr.. Omaha.[3]
72	26	73	27	75	32	77	42	80	55	82	68	77	44	Nev... Reno.[3]
80	50	86	52	88	53	86	51	83	59	78	59	80	53	N.H... Concord.
83	55	87	58	87	57	85	52	83	55	78	59	80	54	N.J... Atlantic City.
61	35	61	39	51	44	57	37	67	47	71	54	57	38	N.Mex. Albuquerque.
77	50	84	53	87	54	86	54	81	62	80	66	79	56	N.Y... Albany.
79	55	85	62	80	59	80	59	82	67	80	72	79	63	Buffalo.
76	56	79	58	80	58	76	55	73	59	69	60	72	57	New York.[1]
91	59	91	58	90	56	86	46	82	51	79	55	84	54	N.C ... Charlotte.
87	56	91	57	90	58	90	53	80	51	76	54	83	53	Raleigh.
81	49	77	42	82	50	74	44	74	56	72	63	77	54	N. Dak. Bismarck.
84	54	87	52	85	50	83	52	78	58	80	66	81	57	Ohio .. Cincinnati.[1 4]
83	56	86	61	84	59	78	56	78	64	78	71	80	62	Cleveland.
85	55	88	56	89	56	83	52	82	62	79	69	81	59	Columbus.
83	53	83	51	85	56	81	52	79	54	79	61	82	56	Okla... Oklahoma City.
84	62	85	66	88	67	91	79	89	82	88	84	87	73	Oreg... Portland.
79	54	80	56	83	57	81	50	77	55	74	59	76	55	Pa..... Philadelphia.
84	51	87	54	87	56	81	49	80	59	80	69	80	57	Pittsburgh.
80	57	82	59	84	58	83	56	78	56	73	58	76	56	R.I.... Providence.[3]
86	53	89	53	90	55	90	49	88	48	84	52	86	50	S.C.... Columbia.
84	52	86	53	80	50	76	50	75	56	75	64	78	56	S. Dak. Sioux Falls.[3]
85	57	87	55	86	53	84	50	81	55	80	62	83	57	Tenn.. Memphis.
86	55	89	55	89	52	88	52	84	58	84	65	85	57	Nashville.
78	50	78	50	82	55	82	53	82	59	79	61	79	55	Tex.... Dallas
54	40	55	39	65	50	56	33	59	40	67	49	51	35	El Paso.
91	58	92	57	90	62	88	53	86	62	86	65	89	61	Houston.
49	24	57	30	63	36	66	39	75	60	81	74	68	47	Utah.. Salt Lake City.
77	54	81	56	83	59	83	59	81	68	79	68	78	60	Vt..... Burlington.
82	59	85	62	84	62	84	61	81	56	77	58	79	58	Va..... Norfolk.
85	56	88	57	89	56	89	52	84	50	81	54	82	53	Richmond.
86	66	86	72	88	76	89	81	85	82	84	84	85	76	Wash.. Seattle-Tacoma.
60	38	64	46	69	48	81	68	88	83	88	86	77	63	Spokane.
89	61	92	55	90	52	88	52	79	55	78	61	82	55	W. Va. Charleston.
83	61	87	62	87	64	81	65	81	67	80	73	81	65	Wis.... Milwaukee.
70	33	66	34	69	38	57	34	57	40	58	45	64	41	Wyo... Cheyenne.
82	67	83	67	84	68	85	67	85	66	86	67	83	66	P.R.... San Juan.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data.* Monthly with annual summary.

No. 280. Average Wind Speed—Selected Cities

[In miles per hour. Airport data unless otherwise noted. For period of record through 1964]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	16	11.4	11.7	11.8	11.0	9.3	8.1	7.4	7.3	8.8	9.0	10.4	10.9	9.7
Alaska	Juneau	21	8.4	8.5	8.9	8.8	8.1	7.8	7.7	7.5	8.0	9.5	9.1	9.4	8.5
Ariz.	Phoenix	19	4.6	5.2	6.0	6.1	6.2	6.1	6.4	5.8	5.5	5.0	4.7	4.4	5.5
Ark.	Little Rock	22	8.9	9.4	10.2	9.8	8.3	7.8	7.1	6.8	7.1	6.9	8.2	8.5	8.3
Calif.	Los Angeles [1]	24	6.8	6.9	7.0	6.6	6.3	5.7	5.4	5.3	5.3	5.7	6.4	6.6	6.2
	Sacramento	16	8.7	8.7	9.7	9.3	9.8	10.5	9.7	9.2	8.3	7.4	6.8	7.4	8.8
	San Francisco [1]	28	6.7	7.5	8.5	9.5	10.4	10.9	11.2	10.5	9.1	7.6	6.3	6.5	8.7
Colo.	Denver	16	9.8	10.0	10.5	10.8	10.0	9.6	8.9	8.6	8.5	8.5	9.4	9.7	9.5
Conn.	Hartford	10	10.2	10.2	10.8	11.0	9.9	8.7	7.8	7.8	8.0	8.5	9.2	9.1	9.3
Del.	Wilmington	16	9.6	10.2	11.2	10.4	8.7	8.2	7.5	7.2	7.8	7.9	8.9	9.0	8.9
D.C.	Washington	16	10.3	10.7	11.5	10.9	9.5	9.0	8.4	8.3	8.6	8.8	9.3	9.4	9.5
Fla.	Jacksonville	15	8.5	9.9	9.7	9.5	9.0	8.7	8.0	7.6	9.1	9.1	8.6	8.4	8.8
	Miami	15	9.2	9.8	10.1	10.5	9.1	8.0	7.9	7.3	8.1	9.0	9.0	8.4	8.9
Ga.	Atlanta	26	11.1	11.5	11.5	10.6	8.9	8.2	7.6	7.3	8.3	8.5	9.4	10.1	9.4
Hawaii	Honolulu	15	10.3	10.7	11.4	11.9	12.7	12.9	13.5	13.6	11.7	10.8	11.2	10.8	11.8
Idaho	Boise	25	8.6	9.6	10.6	10.3	9.6	9.2	8.6	8.3	8.4	8.8	8.7	8.4	9.1
Ill.	Chicago	22	11.3	11.4	11.7	11.6	10.2	9.0	7.9	7.7	8.7	9.5	11.4	11.1	10.1
	Peoria	21	11.2	11.7	12.5	12.5	10.7	9.2	8.2	8.1	9.0	9.6	11.6	11.0	10.4
Ind.	Indianapolis	16	11.7	11.6	12.6	12.2	10.3	8.6	7.7	7.4	8.4	9.4	11.4	11.0	10.2
Iowa	Des Moines	15	11.9	12.0	13.7	14.0	12.1	10.8	9.2	9.0	10.1	10.9	12.7	12.2	11.5
Kans.	Wichita	11	12.9	13.4	14.7	14.8	13.8	12.7	11.4	11.8	12.2	12.4	13.0	12.4	13.0
Ky.	Louisville	17	9.7	9.7	10.5	10.2	8.0	7.1	6.5	6.0	6.8	6.9	9.0	9.1	8.3
La.	New Orleans	16	9.8	10.3	10.4	9.8	8.3	7.1	6.5	6.3	7.8	7.9	9.3	9.5	8.6
Maine	Portland	24	9.5	9.7	10.3	10.2	9.3	8.3	7.7	7.6	8.0	8.8	9.1	9.2	9.0
Md.	Baltimore	14	10.5	11.1	12.0	11.8	10.2	9.5	8.9	9.0	9.1	9.7	9.9	9.8	10.1
Mass.	Boston	7	14.7	14.7	14.7	13.6	12.5	11.9	11.0	11.1	11.7	12.7	13.5	14.2	13.0
Mich.	Detroit	31	11.5	11.4	11.5	11.1	9.8	9.0	8.2	8.0	8.9	9.4	11.4	11.3	10.1
	Sault Ste. Marie	23	10.2	10.2	10.7	11.2	10.5	9.1	8.4	8.3	9.3	9.7	10.5	10.4	9.9
Minn.	Duluth	15	12.5	12.7	13.0	14.4	13.1	11.2	10.3	10.3	11.5	12.0	13.2	12.1	12.2
	Minneapolis-St. Paul	26	10.5	10.8	11.4	12.7	11.8	11.0	9.3	9.2	10.2	10.5	11.4	10.6	10.8
Miss.	Jackson	7	7.7	8.0	8.2	7.7	6.2	5.4	4.9	4.6	5.6	5.3	6.8	7.1	6.5
Mo.	Kansas City	25	9.9	10.3	11.7	11.6	10.5	10.1	8.9	8.9	9.2	9.0	10.5	10.0	10.0
	St. Louis	15	10.2	10.7	11.9	11.6	9.7	8.3	7.5	7.1	7.8	8.1	9.9	10.2	9.4
Mont.	Great Falls	23	16.8	15.7	14.0	13.8	11.9	11.9	10.7	10.9	12.1	14.2	16.0	16.8	13.7
Nebr.	Omaha	29	11.4	11.7	13.1	13.6	11.8	10.9	9.4	9.5	10.1	10.3	11.6	11.2	11.2
Nev.	Reno	22	6.0	6.3	7.7	7.9	7.7	7.3	6.5	6.2	5.5	5.4	5.2	5.0	6.4
N.H.	Concord	23	7.3	7.9	8.2	7.8	7.0	6.4	5.5	5.2	5.4	5.9	6.6	6.9	6.7
N.J.	Atlantic City	6	12.8	12.3	12.9	12.6	10.9	9.8	9.5	8.7	10.1	10.6	11.8	11.7	11.1
N. Mex.	Albuquerque	25	7.9	8.7	10.0	10.9	10.3	9.7	9.0	7.9	8.3	8.0	7.7	7.3	8.8
N.Y.	Albany	26	9.7	10.4	10.5	10.5	9.0	8.1	7.3	6.9	7.3	7.9	8.8	8.9	8.8
	Buffalo	25	14.8	14.5	14.4	13.5	12.3	11.6	10.9	10.5	11.1	11.7	13.5	14.0	12.7
	New York [1]	45	11.0	11.1	11.3	10.7	9.0	8.3	7.8	7.8	8.3	9.2	10.2	10.5	9.6
N.C.	Charlotte	15	8.2	8.5	9.1	9.3	7.6	7.5	6.7	6.7	7.2	7.3	7.5	7.4	7.7
	Raleigh	15	8.3	8.8	9.4	9.3	7.5	6.8	6.6	6.5	6.9	7.1	7.6	7.7	7.7
N. Dak.	Bismarck	25	10.2	10.2	11.5	12.9	12.6	11.5	9.8	10.1	10.7	10.3	10.9	9.8	10.9
Ohio	Cincinnati [1]	43	8.3	8.4	9.0	8.4	6.7	6.4	5.2	5.1	5.4	6.1	7.7	7.9	7.1
	Cleveland	23	12.5	12.6	13.0	12.3	10.8	9.6	8.9	8.6	9.4	10.2	12.5	12.5	11.1
	Columbus	15	9.8	9.9	10.6	10.0	8.2	6.9	6.1	5.8	6.4	7.1	9.2	9.2	8.3
Okla.	Oklahoma City	16	14.6	14.7	16.1	16.0	14.4	13.7	12.1	11.6	12.3	12.9	13.5	13.7	13.8
Oreg.	Portland	16	10.1	8.8	8.5	7.3	6.7	6.7	7.4	6.8	6.0	6.4	8.3	9.5	7.7
Pa.	Philadelphia	24	10.2	11.0	11.5	11.1	9.6	8.8	8.1	7.7	8.2	8.8	9.5	9.9	9.5
	Pittsburgh	12	10.7	10.8	11.4	10.9	9.4	8.2	7.6	7.4	7.9	8.4	10.1	10.6	9.5
R.I.	Providence	11	11.9	11.9	12.7	13.1	11.6	10.6	10.0	9.9	10.2	10.3	11.0	11.1	11.2
S.C.	Columbia	16	7.1	7.6	8.5	8.7	6.9	6.8	6.7	6.0	6.3	6.0	6.4	6.5	7.0
S. Dak.	Sioux Falls	16	10.9	11.0	12.4	13.3	12.0	10.6	9.5	9.3	10.2	10.5	11.8	10.7	11.0
Tenn.	Memphis	16	10.9	10.8	11.5	11.0	9.1	8.1	7.6	7.0	7.7	7.9	9.5	10.1	9.3
	Nashville	23	8.9	9.1	9.8	9.2	7.3	6.7	6.1	5.8	6.1	6.1	8.1	8.4	7.6
Tex.	Dallas	24	10.4	11.2	12.8	13.3	12.4	12.2	10.2	9.8	9.4	9.3	10.2	10.3	10.9
	El Paso	22	10.0	11.0	12.9	12.8	11.8	10.8	10.9	9.1	8.9	8.7	9.4	9.3	10.4
	Houston	16	12.2	12.2	12.9	13.4	11.8	10.4	9.0	8.6	9.3	10.0	11.6	11.4	11.1
Utah	Salt Lake City	35	7.5	8.2	9.3	9.5	9.5	9.4	9.5	9.7	9.1	8.6	7.7	7.4	8.8
Vt.	Burlington	21	9.9	9.6	9.4	9.6	9.1	8.4	7.8	7.5	8.3	8.6	9.7	10.0	9.0
Va.	Norfolk	16	11.6	12.0	12.5	11.9	9.8	9.1	8.5	8.7	9.7	10.5	10.8	10.9	10.5
	Richmond	16	8.1	8.5	9.1	9.1	7.8	7.3	7.0	6.7	7.0	7.1	7.6	7.5	7.7
Wash.	Seattle	16	10.8	10.9	11.4	11.0	10.2	9.9	9.3	8.9	9.1	9.8	10.2	10.8	10.2
	Spokane	17	8.0	8.8	9.5	9.5	8.4	8.5	7.9	7.8	7.7	7.7	7.9	8.3	8.3
W. Va.	Charleston	17	7.7	7.9	8.8	8.1	6.4	5.6	5.2	4.5	4.9	5.2	7.0	7.2	6.5
Wis.	Milwaukee	24	13.0	13.0	13.7	13.6	12.5	10.6	9.7	9.7	11.0	11.6	13.3	12.9	12.1
Wyo.	Cheyenne	29	14.7	14.9	14.7	14.0	12.2	11.3	9.9	10.0	10.7	11.5	13.9	14.7	12.7
P.R.	San Juan	9	8.4	8.7	9.1	8.7	8.1	8.5	9.5	8.7	7.3	6.4	7.2	8.1	8.2

[1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data*. Monthly with annual summary.

No. 281. Normal Monthly and Annual Degree Days, 65° Base—Selected Cities

[Airport data unless otherwise noted. Based on standard 30-year period, 1931 to 1960. For definition of "degree day," see text, p. 172]

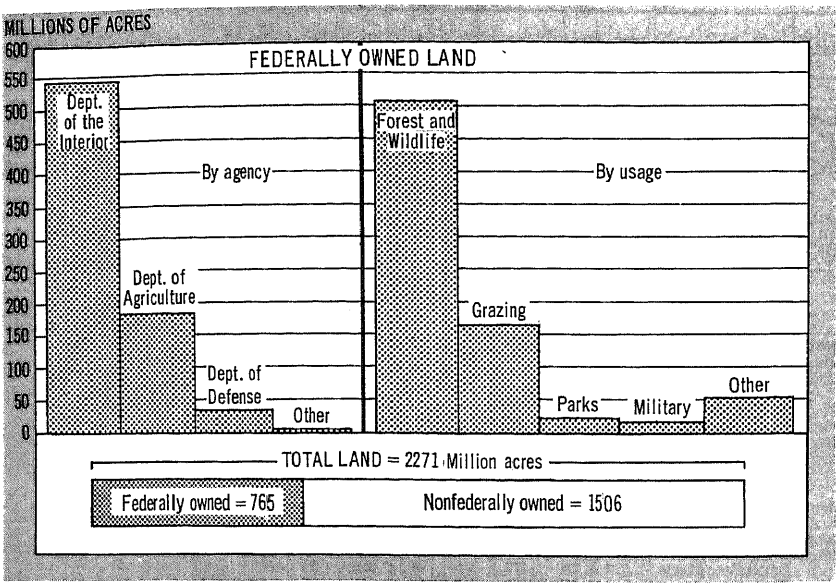
	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	415	300	211	42	-	-	-	-	-	22	213	357	1,560
Alaska	Juneau	1,237	1,070	1,073	810	601	381	301	338	483	725	921	1,135	9,075
Ariz.	Phoenix	474	328	217	75	-	-	-	-	-	22	234	415	1,765
Ark.	Little Rock	756	577	434	126	9	-	-	-	9	127	465	716	3,219
Calif.	Los Angeles [1]	310	230	202	123	68	18	-	-	6	31	132	229	1,349
	Sacramento	614	442	360	216	102	6	-	-	12	81	363	577	2,773
	San Francisco [1]	443	336	319	279	239	180	192	174	102	118	231	388	3,001
Colo.	Denver	1,132	938	887	558	288	66	6	9	117	428	819	1,035	6,283
Conn.	Hartford	1,209	1,061	899	495	177	24	-	6	99	372	711	1,119	6,172
Del.	Wilmington	980	874	735	387	112	6	-	-	51	270	588	927	4,930
D.C.	Washington	871	762	626	288	74	-	-	-	33	217	519	834	4,224
Fla.	Jacksonville	332	246	174	21	-	-	-	-	-	12	144	310	1,239
	Miami	74	56	19	-	-	-	-	-	-	-	-	65	214
Ga.	Atlanta	639	529	437	168	-	-	-	-	25	127	414	626	2,983
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,113	854	722	438	245	81	-	-	132	415	792	1,017	5,809
Ill.	Chicago	1,209	1,044	890	480	211	48	-	-	81	326	753	1,113	6,155
	Peoria	1,218	1,025	849	426	183	33	-	6	87	326	759	1,113	6,025
Ind.	Indianapolis	1,113	949	809	432	177	39	-	-	90	316	723	1,051	5,699
Iowa	Des Moines	1,398	1,137	967	489	211	39	-	9	99	363	837	1,231	6,808
Kans.	Wichita	1,023	804	645	270	87	6	-	-	33	229	618	905	4,620
Ky.	Louisville	930	818	682	315	105	9	-	-	54	248	609	890	4,660
La.	New Orleans [1]	344	241	177	24	-	-	-	-	-	12	165	291	1,254
Maine	Portland	1,339	1,182	1,042	675	372	111	12	53	195	508	807	1,215	7,511
Md.	Baltimore [1]	859	762	629	288	65	-	-	-	27	189	486	806	4,111
Mass.	Boston	1,088	972	846	513	208	36	-	9	60	316	603	983	5,634
Mich.	Detroit	1,181	1,058	936	522	220	42	-	-	87	360	738	1,088	6,232
	Sault Ste. Marie	1,525	1,380	1,277	810	477	201	96	105	279	580	951	1,367	9,048
Minn.	Duluth	1,745	1,518	1,355	840	490	198	71	109	330	632	1,131	1,581	10,000
	Minneapolis-St. Paul	1,631	1,380	1,166	621	288	81	22	31	189	505	1,014	1,454	8,382
Miss.	Jackson	547	419	308	78	-	-	-	-	-	59	302	490	2,203
Mo.	Kansas City	1,032	818	682	294	109	-	-	-	39	220	612	905	4,711
	St. Louis	1,026	848	704	312	121	15	-	-	60	251	627	936	4,900
Mont.	Great Falls	1,349	1,154	1,063	642	384	186	28	53	258	543	921	1,169	7,750
Nebr.	Omaha	1,324	1,078	871	405	164	30	-	6	90	326	783	1,141	6,218
Nev.	Reno	1,073	823	729	510	357	189	43	87	204	490	801	1,026	6,332
N.H.	Concord	1,358	1,184	1,032	636	298	75	6	50	177	505	822	1,240	7,383
N.J.	Atlantic City	936	848	741	420	133	15	-	-	39	251	549	880	4,812
N. Mex.	Albuquerque	930	703	595	288	81	-	-	-	12	229	642	868	4,348
N.Y.	Albany	1,311	1,156	992	564	239	45	-	19	138	440	777	1,194	6,875
	Buffalo	1,256	1,145	1,039	645	329	78	19	37	141	440	777	1,156	7,062
	New York [1]	986	885	760	408	118	9	-	-	30	233	540	902	4,871
N.C.	Charlotte	691	582	481	156	22	-	-	-	6	124	438	691	3,191
	Raleigh	725	616	487	180	34	-	-	-	21	164	450	716	3,393
N. Dak.	Bismarck	1,708	1,442	1,203	645	329	117	34	28	222	577	1,083	1,463	8,851
Ohio	Cincinnati [1]	970	837	701	336	118	9	-	-	54	248	612	921	4,806
	Cleveland	1,159	1,047	918	552	260	66	9	25	105	384	738	1,088	6,351
	Columbus	1,088	949	809	426	171	27	-	6	84	347	714	1,039	5,660
Okla.	Oklahoma City	868	664	527	189	34	-	-	-	15	164	498	766	3,725
Oreg.	Portland	825	644	586	396	245	105	25	28	114	335	597	735	4,635
Pa.	Philadelphia	1,014	890	744	390	115	12	-	-	60	291	621	964	5,101
	Pittsburgh	1,119	1,002	874	480	195	39	-	9	105	375	726	1,063	5,987
R.I.	Providence	1,110	988	868	534	236	51	-	16	96	372	660	1,023	5,954
S. C.	Columbia	570	470	357	81	-	-	-	-	-	84	345	577	2,484
S. Dak.	Sioux Falls	1,544	1,285	1,082	573	270	78	19	25	168	462	972	1,361	7,839
Tenn.	Memphis	729	585	456	147	22	-	-	-	18	130	447	698	3,232
	Nashville	778	644	512	189	40	-	-	-	30	158	495	732	3,578
Tex.	Dallas	601	440	319	90	6	-	-	-	-	62	321	524	2,363
	El Paso	685	445	319	105	-	-	-	-	-	84	414	648	2,700
	Houston	384	288	192	36	-	-	-	-	-	6	183	307	1,396
Utah	Salt Lake City	1,172	910	763	459	233	84	-	-	81	419	849	1,082	6,052
Vt.	Burlington	1,513	1,333	1,187	714	353	90	28	65	207	539	891	1,349	8,269
Va.	Norfolk	738	655	533	216	37	-	-	-	-	136	408	698	3,421
	Richmond	815	703	546	219	53	-	-	-	36	214	495	784	3,865
Wash.	Seattle-Takoma	828	678	657	474	295	159	56	62	162	391	633	750	5,145
	Spokane	1,231	980	834	531	288	135	9	25	168	493	879	1,082	6,655
W.Va.	Charleston	880	770	648	300	96	9	-	-	63	254	591	865	4,476
Wis.	Milwaukee	1,376	1,193	1,054	642	372	135	43	47	174	471	876	1,252	7,635
Wyo.	Cheyenne	1,228	1,056	1,011	672	381	102	19	31	210	543	924	1,101	7,278
P.R.	San Juan [1]	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data.

Source: Dept. of Commerce, Environmental Science Services Administration; *Local Climatological Data.* Monthly with annual summary.

FIG. XII. LAND OWNED BY THE FEDERAL GOVERNMENT: 1966

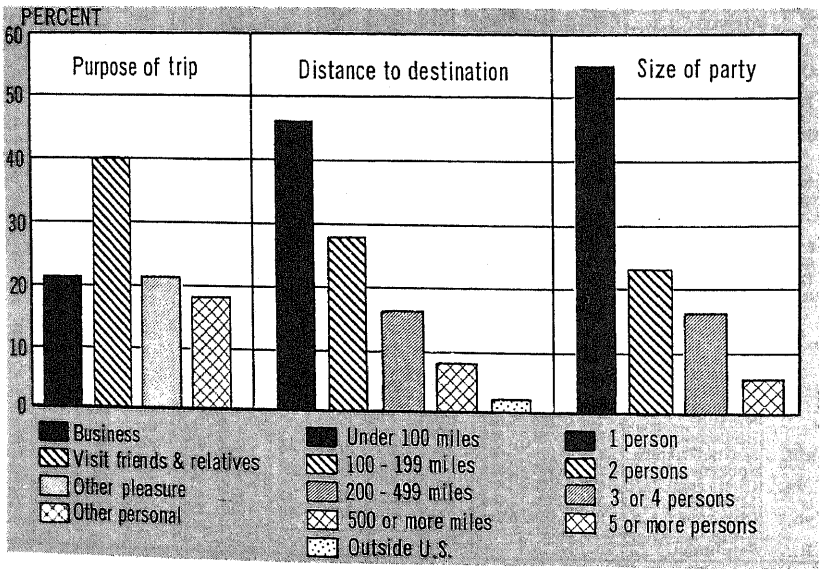
[See tables 283, 285, and 286]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from General Services Administration.

FIG. XIII. NATIONAL TRAVEL—CHARACTERISTICS OF TRIPS: 1963

[See table 310]



Source: Dept. of Commerce, Bureau of the Census.

Section 7

Public Lands, Parks, Recreation, and Travel

Statistics in this section relate to the Federal public domain and other Federally owned and leased real property, Indian lands, national parks and forests, State and municipal parks, domestic and foreign travel, and other forms of recreation.

Data on public lands are published primarily by the Department of the Interior, Bureau of Land Management, in *Public Land Statistics*. 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.

The Department of the Interior issues various reports relating to recreation, as follows: The National Park Service publishes information on national parks in its monthly report, *Public Use of National Parks*, and its annual report, *National Parks and Landmarks* (successor to *Areas Administered by the National Park Service*) which also covers sites eligible for registry as natural or national historic landmarks and non-Federally owned national historic sites. The Bureau of Outdoor Recreation, established in 1962, has issued one statistical report thus far—*State Outdoor Recreation Statistics—1962;* and the Fish and Wildlife Service compiles and releases data on sport fishing and hunting. Data for municipal parks and playgrounds, as well as for other outdoor recreational activities, are compiled by the National Recreation and Park Association, New York, which issues its *Recreation and Park Yearbook* at 5-year intervals. The Department of Agriculture's Forest Service, in its *Annual Report of the Chief*, issues data on recreational uses of the national forests. Figures on expenditures for recreation and on domestic and foreign travel, compiled by the Department of Commerce's Office of Business Economics, appear periodically in the monthly *Survey of Current Business*. Domestic travel data by volume and type were collected by the Bureau of the Census in its 1963 Census of Transportation and published in the *Passenger Transportation Survey*, Vol. I, *National Travel* and *Home-to-Work Travel*.

Public-domain and acquired lands.—The U.S. Government acquired sovereignty over its present land area through a series of international agreements and treaties. At the time of acquisition of sovereignty over the areas involved (now 2,271 million acres) title to about 463 million acres rested in individual States and their political subdivisions or in private owners, and was not relinquished to the U.S. Government. Title to the remaining land area passed to the U.S. Government. This area, except for lands in the District of Columbia, is known as the original public domain.

Public-domain lands or public lands are those Federally owned lands to which the public land laws apply. In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands. In addition to the original public domain, the U.S. Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for public purposes. Such lands are referred to as acquired lands.

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

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 the final certificate is issued. 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. A final certificate passes equitable title to the land to the applicant. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957.* See preface.

No. 282. Area and Acquisition of the Public Domain: 1781 to 1965

[**In thousands of acres.** Areas of acquisitions are as computed in 1912; hence do not agree with figures in square miles shown in table 250, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics, Colonial Times to 1957*, series J 3-9]

YEAR	Estimated area [1]	YEAR	Estimated area [1]
1802	200,000	1959	771,000
1850	1,200,000	1960	772,000
1880	900,000	1961	768,000
1912	600,000	1962	771,000
1946	413,000	1963	770,000
1950	412,000	1964	771,000
1955	411,000	1965	766,000
1958	410,000		

YEAR AND ACQUISITION	Total	Land	Inland water
Aggregate	1,837,763	1,807,682	30,081
1781–1802 (State Cessions)	236,826	233,416	3,410
1803, Louisiana Purchase [2]	529,912	523,446	6,465
1819, Cession from Spain	46,145	43,343	[3] 2,802
Red River Basin [4]	29,602	29,067	535
1846, Oregon Compromise	183,386	180,644	2,742
1848, Mexican Cession [3]	338,681	334,479	4,202
1850, Purchase from Texas	78,927	78,843	84
1853, Gadsden Purchase	18,989	18,962	27
1867, Alaska Purchase	375,296	365,482	9,814

[1] Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska.

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

[3] Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public-domain State.

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

Source: 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. 283. Total Land and Federally Owned Land and Buildings, 1955 to 1966, and by States, 1966

[Land in thousands of acres; cost in millions of dollars. As of June 30]

State	Land: Total	Land: Not owned by Federal Government	Land: Owned by Federal Government: Total [1]: Acres	Land: Owned by Federal Government: Total [1]: Percent	Land: Owned by Federal Government: Public domain	Land: Owned by Federal Government: Acquired by other methods	Land: Owned by Federal Government: Cost [2]	Federally owned buildings: Number	Federally owned buildings: Cost
1955 [3]	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,369	384,916	14,475
1960	2,273,407	1,501,894	771,512	33.9	720,004	51,508	2,956	405,443	19,916
1962	2,271,343	1,500,547	770,797	33.9	719,373	51,424	3,462	421,727	21,870
1963	2,271,343	1,501,440	769,903	33.9	718,115	51,788	3,765	429,103	22,488
1964	2,271,343	1,500,829	770,514	33.9	717,944	52,570	3,980	425,790	23,244
1965	2,271,343	1,505,546	765,797	33.7	712,525	53,272	4,128	426,863	24,368
1966									
Total	**2,271,343**	**1,506,581**	**764,762**	**33.7**	**710,821**	**53,941**	**4,393**	**423,634**	**25,529**
Ala	32,678	31,590	1,088	3.3	28	1,060	57	8,492	501
Alaska	365,482	7,432	358,049	98.0	358,032	17	3	8,662	1,003
Ariz	72,688	40,237	32,451	44.6	32,149	302	14	10,634	337
Ark	33,599	30,473	3,127	9.3	1,074	2,053	107	4,692	217
Calif	100,207	55,840	44,367	44.3	42,120	2,247	363	59,753	2,916
Colo	66,486	42,447	24,038	36.2	23,054	985	41	7,253	502
Conn	3,135	3,126	10	0.3	-	10	31	2,056	175
Del	1,266	1,230	36	2.9	-	36	6	895	74
D.C	39	28	11	28.3	-	11	125	1,952	731
Fla	34,721	31,352	3,370	9.7	323	3,047	112	13,479	745
Ga	37,295	35,248	2,048	5.5	-	2,048	111	13,969	557
Hawaii	4,106	3,708	398	9.7	-	398	26	11,993	493
Idaho	52,933	18,917	34,016	64.3	33,246	770	35	4,699	199
Ill	35,795	35,311	484	1.4	(Z)	483	82	7,393	742
Ind	23,158	22,762	396	1.7	(Z)	396	60	6,126	314
Iowa	35,860	35,669	192	0.5	(Z)	191	34	2,260	150
Kans	52,511	51,868	643	1.2	27	616	170	8,353	448
Ky	25,512	24,379	1,133	4.4	-	1,133	213	8,012	477
La	28,868	27,827	1,040	3.6	21	1,020	55	5,297	308
Maine	19,848	19,719	128	0.6	-	128	8	3,647	252
Md	6,319	6,132	187	3.0	-	187	50	12,034	1,073
Mass	5,035	4,964	71	1.4	-	71	75	6,688	551
Mich	36,492	33,215	3,277	9.0	299	2,978	25	6,878	387
Minn	51,206	47,834	3,372	6.6	1,395	1,977	24	2,520	144
Miss	30,223	28,668	1,555	5.1	6	1,549	59	4,938	212
Mo	44,248	42,487	1,761	4.0	3	1,758	82	7,449	516
Mont	93,271	65,632	27,639	29.6	25,193	2,446	34	6,305	175
Nebr	49,032	48,307	724	1.5	252	472	44	3,946	270
Nev	70,264	9,293	60,971	86.8	60,812	159	6	5,584	172
N.H	5,769	5,064	705	12.2	-	705	25	1,039	65
N.J	4,813	4,709	105	2.2	-	105	42	8,889	567
N. Mex	77,766	51,040	26,727	34.4	25,026	1,700	27	12,021	588
N.Y	30,681	30,449	232	0.8	-	232	127	11,016	1,146
N.C	31,403	29,476	1,927	6.1	-	1,927	70	16,222	495
N. Dak	44,452	42,369	2,084	4.7	209	1,875	98	3,424	190
Ohio	26,222	25,991	231	0.9	(Z)	231	108	5,311	941
Okla	44,088	42,703	1,385	3.1	160	1,225	264	7,069	323
Oreg	61,599	29,414	32,185	52.2	30,733	1,451	237	5,534	129
Pa	28,804	28,224	581	2.0	-	581	181	6,525	640
R.I	677	670	8	1.1	-	8	8	2,691	156
S.C	19,374	18,245	1,129	5.8	-	1,129	74	9,027	599
S. Dak	48,882	45,481	3,401	7.0	1,610	1,792	132	3,620	171
Tenn	26,728	25,101	1,626	6.1	-	1,626	249	6,149	775
Tex	168,218	165,260	2,957	1.8	-	2,957	232	28,294	1,360
Utah	52,697	17,516	35,181	66.8	34,686	495	21	4,703	262
Vt	5,937	5,680	256	4.3	-	256	11	336	19
Va	25,496	23,335	2,161	8.5	-	2,161	128	19,335	1,281
Wash	42,694	30,140	12,554	29.4	11,089	1,465	168	17,941	855
W. Va	15,411	14,448	963	6.2	-	963	55	1,217	73
Wis	35,011	33,229	1,782	5.1	10	1,772	18	4,091	158
Wyo	62,343	32,339	30,004	48.1	29,266	739	65	3,221	95

- Represents zero. Z Less than 500. [1] Excludes trust properties.
[2] Excludes valuation for public-domain lands for which there are no costs.
[3] Excludes Alaska and Hawaii.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the Un States Throughout the World.*

No. 284. Ownership of Land, by Class: 1954, 1959, and 1964

[**Land in millions of acres.** See also *Historical Statistics, Colonial Times to 1957*, series J 65 and J 75]

CLASSES	1954		1959		1964	
	Land	Percent	Land	Percent	Land	Percent
Total	**2,273**	**100.0**	**2,271**	**100.0**	**2,271**	**100.0**
Private land [1]	1,335	58.7	1,332	58.7	1,335	58.8
Indian land [2]	53	2.3	53	2.3	50	2.2
Public land	885	39.0	886	39.0	886	39.0
Federal land [3]	766	33.7	765	33.7	765	33.7
State land [4]	101	4.5	103	4.5	102	4.5
County and municipal land	18	0.8	18	0.8	19	0.8

[1] Land owned by individuals, partnerships, and corporations.
[2] Trust land held by tribes and individual owners exclusive of Federally owned land used by Indians.
[3] Gross acreage of Federal holdings including highway and road rights-of-way in Federal areas.
[4] Includes the major part of highway and road rights-of-way through predominantly private land areas.

Source: Dept. of Agriculture, Economic Research Service; *Major Uses of Land and Water in the United States*, July 1962, and unpublished data.

No. 285. Federal Land, Buildings, and Cost, by Agency: 1960 and 1966

[As of June 30]

AGENCY	LAND (1,000 acres)		NUMBER OF BUILDINGS		FLOOR AREA OF BUILDINGS (1,000 sq. ft.)		TOTAL COST—LAND, BUILDINGS, STRUCTURES, AND FACILITIES (mil. dol.)	
	1960	1966	1960	1966	1960	1966	1960	1966
Total	**772,048**	**765,291**	**(NA)**	**(NA)**	**[1] 2,445,162**	**(NA)**	**52,618**	**69,357**
Outside U.S.	536	529	(NA)	(NA)	[1] 30,240	(NA)	6,363	6,976
Inside U.S.	771,512	764,762	405,443	423,634	2,414,922	2,496,057	46,255	62,381
Agriculture	186,020	186,886	23,147	21,708	20,207	24,864	1,059	1,892
Atomic Energy Commission	2,088	2,152	7,026	6,996	73,115	81,035	3,141	3,890
Commerce	8	9	902	828	10,149	8,512	175	180
Defense	29,714	30,473	320,097	330,013	1,928,832	1,891,531	31,298	40,282
Army	8,529	11,452	141,639	135,568	790,054	748,816	8,861	9,718
Air Force	12,464	8,628	93,353	107,579	564,351	584,664	9,562	14,034
Navy	3,548	3,657	79,909	80,833	563,129	547,454	8,073	8,814
Corps of Engineers, civil functions	5,173	6,735	5,196	6,033	11,298	10,598	4,802	7,717
Federal Aviation Agency	113	62	1,742	6,196	4,244	8,088	187	464
General Services Administration	18	16	2,175	2,971	120,571	185,681	1,295	2,353
Housing and Urban Development [2]	1	(Z)	297	10	1,105	60	17	3
Interior	552,613	544,084	30,407	35,256	40,903	51,087	4,557	6,407
National Aeronautics and Space Administration	5	135	309	1,415	5,502	25,134	323	1,496
Post Office	2	1	3,063	2,734	46,663	49,464	489	537
State Dept	76	68	108	101	162	166	62	70
Tenn. Valley Authority	696	725	717	765	2,794	3,235	1,753	2,292
Treasury	85	62	3,960	3,782	13,751	14,457	209	288
Veterans Administration	29	25	7,565	6,453	114,719	112,780	1,195	1,477
Other	45	64	3,928	4,406	32,204	39,962	494	750

NA Not available. Z Less than 500 acres.
[1] Excludes floor area pertaining to Dept. of Defense military functions outside United States.
[2] 1960 data are for Housing and Home Finance Agency.

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

No. 286. Federal Land, by Predominant Usage, by Agency: 1966

[In thousands of acres. As of June 30. Covers land in U.S. only]

AGENCY	Forest and wildlife	Grazing	Military, except airfields	Parks and historic sites	Reclamation and irrigation	Flood control and navigation	Power development and distribution	Airfields	Other
Total	**507,456**	**164,389**	**15,891**	**22,983**	**7,852**	**6,914**	**1,996**	**2,031**	**35,250**
Agriculture	167,111	19,047	-	(Z)	-	-	-	-	727
Atomic Energy Commission	-	-	-	-	-	-	-	-	2,152
Defense	-	-	15,891	-	-	6,090	636	2,009	5,847
Army	-	-	7,540	-	-	-	-	4	3,909
Air Force	-	-	7,111	-	-	-	-	1,335	182
Navy	-	-	1,240	-	-	-	-	669	1,748
Corps of Engineers, civil functions	-	-	-	-	-	6,090	636	-	9
Interior	340,345	145,336	-	22,965	7,852	26	1,329	-	26,230
Tennessee Valley Authority	-	-	-	17	-	668	30	-	10
Other	-	6	1	-	(Z)	130	-	22	284

- Represents zero.
Z Less than 500 acres.

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

No. 287. Federal Land and Buildings Owned and Leased, by Location and Function: 1966

[As of June 30]

LOCATION AND FUNCTION	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			LEASED PROPERTY	
	Total	Federally owned	Leased	Total	Federally owned	Leased	Number of leases	Annual rental ($1,000)
Total, worldwide	**767,210**	**765,291**	**1,919**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**332,126**
Civil agencies	734,872	734,722	150	779,378	638,081	141,297	54,431	273,885
Defense:								
Military functions	25,596	23,834	1,762	(NA)	(NA)	(NA)	(NA)	57,636
Civil functions	6,742	6,735	7	10,879	10,598	281	408	605
In United States	**766,560**	**764,762**	**1,798**	**2,628,852**	**2,496,057**	**132,795**	**58,660**	**262,273**
Civil agencies	734,432	734,289	143	729,937	604,526	125,411	48,011	244,765
Defense:								
Military functions	25,386	23,738	1,648	1,888,037	1,880,934	7,103	10,241	16,903
Civil functions	6,742	6,735	7	10,879	10,598	281	408	605
In outlying areas of United States	**526**	**524**	**2**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**920**
Civil agencies	429	428	1	16,083	15,612	471	282	905
Defense: Military functions	97	96	1	(NA)	(NA)	(NA)	(NA)	15
In foreign countries	**124**	**5**	**119**	**(NA)**	**(NA)**	**(NA)**	**(NA)**	**68,933**
Civil agencies	11	5	6	33,358	17,943	15,415	6,138	28,215
Defense: Military functions	113	-	113	(NA)	(NA)	(NA)	(NA)	40,718

- Represents zero. NA Not available.

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

No. 288. Public Lands—Disposal Transactions and Cash Receipts: 1901 to 1966

[For years ending June 30. Period figures are totals, not averages. See also *Historical Statistics, Colonial Times to 1957*, series J 11–18]

Period or year	All entries, selections, patents, etc.[1]			Homestead entries, except on ceded Indian lands			Cash receipts		
	All original entries and selections[2]	All final entries	Patents and certifications	Original entries		Final entries[3]	Total[4]	Mineral leases[5]	Sales of timber
				Number	Acreage				
	1,000 acres	*1,000 acres*	*1,000 acres*		*1,000 acres*	*1,000 acres*	*$1,000*	*$1,000*	*$1,000*
1901–1910	196,841	(NA)	(NA)	831,841	130,737	38,819	94,095	(X)	(NA)
1911–1920	156,402	[6] 9,778	[6] 13,327	554,026	123,826	74,316	67,023	(X)	768
1921–1930	61,231	45,513	66,358	172,503	53,460	40,391	104,454	76,372	7,537
1931–1940	19,269	14,243	18,350	44,554	15,925	13,017	57,984	44,603	4,289
1941–1945	404	1,057	3,350	1,233	159	764	58,428	40,761	7,439
1946–1950	496	436	1,726	2,456	306	157	141,464	105,446	17,498
1951–1955	1,101	1,029	2,081	2,259	289	220	497,482	375,223	69,511
1956–1960	2,075	1,353	3,547	3,899	501	222	902,014	675,178	139,121
1961–1965	13,643	2,054	4,186	2,145	259	118	1,296,869	967,070	192,519
1962	2,453	622	839	674	83	23	173,517	116,770	34,735
1963	880	254	754	383	46	25	530,693	469,422	33,629
1964	5,696	507	1,224	291	31	19	199,052	123,619	47,155
1965	2,403	220	769	182	22	12	234,361	160,751	44,874
1966	1,787	214	3,407	115	16	11	433,749	356,273	47,650

NA Not available. X Not applicable.
[1] Includes homesteads. [2] Includes some classes of final entries and patents prior to 1911.
[3] Excludes commuted homesteads.
[4] Comprises Bureau of Land Management receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For periods prior to 1901, receipts were $340,821,000.
[5] Act of Feb. 25, 1920. Includes Outer Continental Shelf leases beginning 1955.
[6] 1920 only.

Source: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.

No. 289. Public Lands—Leases, Permits, and Licenses, by Class: 1950 to 1966

[**Acres in thousands.** As of June 30, except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1957*, series J 32–33, for oil and gas leases]

Class	1950		1955		1960		1966	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Mineral class	**28,208**	**24,006**	**96,898**	**72,902**	**142,114**	**118,157**	**99,931**	**63,612**
Leases	27,747	23,076	96,337	71,983	140,057	114,136	98,966	62,184
Oil and gas	27,300	22,872	[1] 95,907	[1] 71,696	[1] 139,534	[1] 113,667	98,168	61,270
Coal	383	121	307	136	294	199	417	464
Other	64	83	123	152	229	270	381	450
Permits	418	929	525	918	2,035	4,020	956	1,427
Sodium	72	131	119	223	986	1,999	47	88
Potash	270	515	283	530	825	1,649	346	724
Other	76	283	123	164	224	373	563	615
Licenses	43	2	36	2	22	1	9	1
Other classes[2]	**27,477**	**15,301**	**53,438**	**20,920**	**(NA)**	**19,529**	**10,535**	**19,875**
Leases	27,166	14,897	52,364	19,772	19,010	18,615	9,502	18,588
Grazing[3]	11,283	14,715	11,199	19,404	9,911	18,532	8,367	18,437
Recreation	18	20	12	2	61	7	323	118
Small tract	15,802	73	41,092	187	8,982	33	677	2
Other	63	89	61	179	56	43	135	31
Permits[2]	311	404	1,074	1,147	(NA)	914	1,033	1,287

NA Not available.
[1] Includes naval petroleum reserve: 17 leases, 9,226 acres.
[2] Excludes grazing licenses and permits within grazing districts.
[3] Beginning 1960, as of Dec. 31.

Source: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.

No. 290. Public Lands—Homestead Entries, 1941 to 1966, and Vacant Lands, 1940 to 1966, by States

[Homestead entries for years ending June 30; vacant lands as of June 30. Excludes States with less than 500 acres in years specified. See text, p. 200. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See *Historical Statistics, Colonial Times to 1957*, series J 10, for vacant lands excluding Alaska and J 17–18 for homestead entries]

Item and State	Homestead entries (acres)				Vacant lands [1] (1,000 acres)			
	1941–1950, total	1951–1960, total	1961–1965, total	1966	1940	1950	1960	1966
Total	[2] 464,406	[2] 789,998	[2] 259,610	[2] 15,514	502,826	[3] 440,408	437,879	427,279
Alaska	231,318	571,963	249,227	15,333	323,000	270,000	270,200	263,250
Arizona	16,333	9,408	478	–	13,869	12,545	12,442	12,412
Arkansas	–	160	40	–	130	134	3	2
California	27,455	3,892	–	–	16,969	16,306	15,673	14,195
Colorado	18,036	14,452	160	–	7,937	8,070	8,090	8,048
Florida	–	360	40	–	14	23	1	2
Idaho	31,646	96,014	2,834	21	11,879	10,858	11,652	11,729
Minnesota	–	–	–	–	238	93	58	21
Montana	18,515	1,623	–	–	6,460	6,773	6,385	6,171
Nevada	4,126	25,798	4,704	160	51,144	47,158	46,027	46,395
New Mexico	15,195	3,854	1,547	–	15,695	14,503	13,129	12,948
North Dakota	(4)	–	–	–	108	96	79	76
Oregon	5,271	1,298	–	–	12,774	13,298	13,153	13,310
South Dakota	(4)	–	–	–	279	290	272	278
Utah	45,631	53,599	280	–	25,734	23,033	24,097	21,665
Washington	2,755	832	160	–	577	487	365	274
Wyoming	32,771	2,533	103	–	15,907	16,615	16,198	16,466
Other States	–	–	37	–	112	126	55	37
Bureau of Land Management	[4] 15,354	4,212	–	–	(X)	(X)	(X)	(X)
Final entries	[5] 921,108	[5] 442,138	[5] 117,821	[5] 10,741	(X)	(X)	(X)	(X)

– Represents zero. X Not applicable.
[1] Includes acreage of public lands within grazing districts, as follows (in thousands): 1940, 131,926; 1950, 134,875; 1960, 141,645; 1966, 138,614. [2] Original entries. [3] Includes 1,000 acres for Missouri.
[4] For States no longer having local offices, entries, if any, included with Bureau of Land Management.
[5] Excludes commuted homesteads and ceded Indian lands.

No. 291. Public and Indian Land—Entries Under All Acts, by States: 1936 to 1966

[**In acres.** For years ending June 30. See text, pp. 199 and 200. See also *Historical Statistics, Colonial Times to 1957*, series J 13–15]

Class and State	Original entries							Final entries, 1966	Patented, 1966
	1936–1945, total	1946–1955, total	1956–1965, total	1963	1964	1965	1966		
Total	1,441,258	1,596,952	15,718,794	880,145	5,695,900	2,402,916	1,786,932	214,302	3,331,639
Public land	1,387,923	1,572,967	15,718,794	880,145	5,695,900	2,402,916	1,780,272	212,255	3,331,639
Indian land	53,334	23,984	–	–	–	–	6,660	2,047	–
All homesteads	871,146	618,728	760,702	46,139	31,441	22,173	15,514	33,526	29,837
Stock-raising	498,408	5,707	–	–	–	–	–	–	–
Other entries	570,112	978,223	14,958,092	834,006	5,664,459	2,380,743	1,771,418	180,776	3,301,802
Alaska	125,729	350,095	13,924,737	688,863	5,490,054	2,177,017	1,711,243	32,748	2,760,496
Arizona	106,031	95,646	312,160	23,267	14,139	16,927	27,355	5,416	6,797
California	299,057	171,669	69,790	5,477	4,065	2,867	714	7,473	33,462
Colorado	117,787	138,919	35,268	114	547	30	–	6,480	8,861
Idaho	79,061	252,110	323,653	15,522	40,271	24,733	17,352	34,756	36,632
Montana	105,548	3,326	5,140	96	66	340	–	8,704	19,758
Nevada	10,682	314,822	531,716	63,532	9,775	168,423	19,633	36,714	79,309
New Mexico	210,377	17,083	34,148	6,162	2,841	3,107	1,856	46,054	276,902
Oregon	59,014	24,421	22,444	163	1,234	180	1,095	4,026	29,967
Utah	126,780	148,369	236,912	55,427	120,763	490	793	8,531	42,609
Washington	4,093	5,854	141,276	13,690	5,650	430	525	124	6,404
Wyoming	147,904	65,928	65,110	6,900	5,051	8,372	6,366	10,856	12,002
Other States	49,195	8,710	16,440	992	1,444	–	–	12,420	18,440

– Represents zero.
Source of tables 290 and 291: Dept. of the Interior, Bureau of Land Management; *Public Land Statistics*.

No. 292. Lands Under Jurisdiction of Bureau of Indian Affairs—Acreage, by States: 1900 to 1966

[In thousands. Excludes States with less than 500 acres in years specified]

STATE	1900	1920	1940	1960 [1]	1966 [1] Total	1966 [1] Indian: Trust allotted	1966 [1] Indian: Tribal	1966 [1] Government owned
Total	**78,372**	**71,399**	**55,406**	[2] 58,076	[3] 55,300	[3] 11,121	39,250	4,922
Alaska	(NA)	(NA)	(NA)	4,168	4,165	13	88	4,065
Arizona	15,151	18,653	19,225	21,515	19,741	260	19,391	90
California	406	517	667	558	544	79	464	(Z)
Colorado	484	469	667	752	753	5	747	1
Florida	23	24	61	79	79	–	79	(Z)
Idaho	1,365	683	818	835	830	385	404	41
Iowa	3	3	3	4	4	–	4	–
Kansas	28	273	36	29	28	26	2	(Z)
Michigan	8	153	27	22	21	9	8	4
Minnesota	1,567	1,509	653	756	764	54	681	29
Mississippi [4]	(X)	(X)	9	16	17	(Z)	16	(Z)
Montana	9,501	6,054	6,455	5,457	5,357	3,479	1,753	125
Nebraska	75	360	76	68	[3] 63	[3] 49	14	(Z)
Nevada	954	741	1,127	1,152	1,152	79	1,065	8
New Mexico	1,667	4,697	7,153	6,542	7,051	676	6,019	356
New York	88	88	(5)	(5)	(5)	(5)	(5)	(5)
North Carolina	98	63	57	56	57	–	56	(Z)
North Dakota	3,702	2,105	1,036	879	862	711	145	6
Oklahoma	26,397	19,552	2,844	1,855	[3] 1,551	[3] 1,461	56	33
Oregon	1,300	1,718	1,737	1,238	689	184	505	1
South Dakota	8,992	6,686	5,865	5,064	4,882	2,741	2,020	121
Utah	2,039	1,641	1,693	2,125	2,117	63	2,053	(Z)
Washington	2,334	2,719	2,740	2,591	2,493	643	1,849	(Z)
Wisconsin	381	590	445	422	187	84	64	39
Wyoming	1,810	2,102	2,013	1,890	1,888	119	1,767	1

– Represents zero. NA Not available. X Not applicable.
Z Less than 500 acres. [1] Taxable lands generally excluded.
[2] Includes 3,000 acres in South Carolina, not shown separately.
[3] Includes taxable land as follows: 34,326 acres for Nebraska and 282,743 acres for Oklahoma.
[4] Land purchased in 1939.
[5] Partial jurisdiction over Indian lands transferred to State of New York.

Source: Dept. of the Interior, Bureau of Indian Affairs; *Annual Report*, and unpublished data.

No. 293. National Parks, Monuments, and Allied Areas: 1967

[As of January 1. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series H 455–470]

TYPE OF AREA	Number	Total acreage	TYPE OF AREA	Number	Total acreage
National Park System	**258**	**27,510,216**	Historic sites	42	8,502
			Memorials	20	5,642
Historical parks	13	44,418	Cemeteries	10	220
Military parks	11	31,938	Seashores	7	345,557
Memorial park	1	70,436	Parkways	5	125,231
			Recreation areas	12	3,666,376
National Capital Parks [1]	1	7,973			
Battlefield parks	4	9,268	White House	1	18
Other National parks	33	13,903,786	Lakeshores	2	75,721
			Scenic Riverways	1	85,000
Monuments	81	9,066,914	Parks, other	4	25,691
Battlefields	5	4,229	International park	1	10
Battlefield sites	3	786	Scientific Reserve	1	32,500

[1] Includes portion of Chesapeake and Ohio Canal among the 763 units administered.
Source: Dept. of the Interior, National Park Service; *Areas Administered by the National Park Service*, 1967.

No. 294. National Park System—Summary: 1950 to 1966

[For years ending June 30, except visits are for calendar year]

ITEM	1950	1955	1960	1963	1964	1965	1966
FINANCES ($1,000)							
Expenditures reported [1]	**24,051**	**35,433**	**74,216**	**112,528**	**129,536**	**131,610**	**136,443**
Salaries and wages	11,829	16,921	29,854	41,530	45,994	48,566	53,926
Improvements and maintenance [2]	2,918	3,200	4,662	7,254	8,396	8,301	9,477
Lands	327	1,665	1,612	5,364	14,752	10,578	8,852
Construction [2]	7,307	11,726	33,222	50,641	51,707	55,264	55,514
Other [2]	1,670	1,921	4,866	7,739	8,687	8,901	8,674
Funds available for expenditures	**37,447**	**53,750**	**115,711**	**180,300**	**182,563**	**183,064**	**179,799**
Appropriations	30,117	33,077	79,551	121,060	113,227	128,366	127,794
Other	7,330	20,673	36,160	59,240	69,336	54,698	52,005
Revenue from operations [3]	**3,528**	**4,914**	**5,685**	**6,451**	**7,086**	**7,350**	**8,079**
VISITS (1,000)							
All areas	**37,210**	**56,573**	**79,229**	**102,711**	**[4]111,386**	**[4]121,312**	**[4]133,081**
Camp-use days	[5]2,231	[5]3,275	5,069	6,756	7,458	8,085	8,989
Overnight stays, commercial lodgings	2,270	2,165	2,637	2,994	3,179	3,314	3,580
National parks	16,035	25,836	34,483	42,055	42,957	36,566	38,556
National monuments	5,283	7,428	9,041	10,967	11,410	12,286	13,144
National historical and military areas	11,973	12,688	22,606	31,496	35,662	(NA)	(NA)
National parkways	1,996	6,700	8,983	12,523	11,478	12,977	15,925
National recreation areas	1,923	3,920	4,118	5,670	8,039	5,918	7,666
LAND (acres)							
Acquisition, gross	**860,418**	**12,603**	**21,422**	**53,919**	**62,575**	**318,653**	**35,016**
By purchase	1,907	3,192	5,710	4,534	13,024	41,793	16,909
By gift	785,178	3,295	10,300	24,815	38,817	12,716	15,216
By transfer	45,080	–	320	19,710	1,425	236,833	1,469
By exchange	28,253	6,116	5,092	4,860	9,309	27,311	1,422
Exclusion	**1**	**–**	**204**	**4,197**	**[2]9,538**	**[6]329**	**1,099**
Acquisition, net	**860,417**	**12,603**	**21,218**	**49,722**	**[7]156,963**	**318,324**	**33,917**

– Represents zero. NA Not available.

[1] Excludes transfers from appropriations to other agencies. [2] Excludes salaries and wages.

[3] Represents receipts deposited in treasury; not available for expenditure by National Park Service.

[4] Includes visits to White House. [5] Excludes National Capital Parks.

[6] Represents U.S. lands alienated by exchange of U.S. and private lands. [7] Net reductions.

Source: Dept. of the Interior, National Park Service; *Campground Use in the National Park Service* and *Public Use of the National Parks: A Statistical Report*, and unpublished data.

No. 295. National Forest Recreation Use—Summary: 1965

[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]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas, total	**160,336**	**100.0**	**Total**	**160,336**	**100.0**
Developed sites, total	**68,879**	**43.7**	**All types**	**157,752**	**100.0**
Observation sites	1,468	0.9	Camping	40,065	25.4
Playgrounds, parks, sports sites	32	(Z)	Picnicking	9,445	6.0
Boating sites	1,014	0.6	Recreation travel (mechanized)	29,325	18.6
Swimming sites	1,159	0.7	Automobile	26,878	17.0
			Scooter and motorcycle	1,479	0.9
Campgrounds	34,040	21.6	Ice and other	969	0.6
Picnic grounds	5,687	3.6	Boating	4,504	2.9
Hotels, lodges, resorts	3,792	2.4	Games and team sports	17	(Z)
Organization sites	5,723	3.7	Waterskiing and other water sports	705	0.4
Commercial public service sites	579	0.4	Swimming and scuba diving	3,273	2.1
			Winter sports	5,836	3.7
Recreation residence sites	9,821	6.2	Fishing	16,197	10.3
Winter sports sites	5,482	3.5	Hunting	14,100	8.9
Visitor centers	83	0.1	Hiking and mountain climbing	4,086	2.6
			Horseback riding	2,242	1.4
Dispersed areas, total	**88,873**	**56.3**	Resort use	3,897	2.5
National recreation areas	369	0.2	Organization camp use	4,821	3.1
Wildernesses and primitive areas	2,432	1.5			
Special interest areas [1]	1,132	0.7	Recreation residence use	9,812	6.2
			Gathering forest products	1,599	1.0
Roads (recreation)	30,104	19.1	Nature study	1,001	0.6
Trails (recreation)	4,024	2.6	Viewing scenery, sports, environment	4,847	3.1
Waters [2]	22,199	14.1			
General undeveloped country	28,615	18.1	Visitor information (exhibits, talks, etc.)	1,979	1.2
Undistributed [3]	**2,584**	**(X)**	**Undistributed** [3]	**2,584**	**(X)**

X Not applicable. Z Less than 0.05 percent.

[1] Includes archeological, botanical, geological, historical, virgin, scenic, and memorial areas.

[2] Includes all recreation streams, rivers, lakes, reservoirs, etc.

[3] Represents reports received too late for compilation.

Source: Dept. of Agriculture, Forest Service; unpublished data.

No. 296. State Park Systems—Summary: 1950 to 1962

[For years ending June 30, in most cases. Prior to 1959, excludes Alaska and Hawaii. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State park and State historical agencies. See also *Historical Statistics, Colonial Times to 1957*, series H 475-487]

ITEM	1950	1955	1958	1959	1960	1961	1962
Areas [1] ..... number	1,725	2,034	2,335	2,433	2,664	2,792	2,544
Acreage [1] 1,000	4,657	5,086	5,406	5,681	5,602	5,799	5,766
Expenditures $1,000	[2] 36,399	55,093	[2] 73,222	[2] 88,268	87,373	110,101	[3] 106,151
Salaries and wages $1,000	13,622	22,673	31,730	33,548	37,137	41,076	42,694
Supplies and equipment $1,000	7,738	11,351	15,260	17,383	19,132	19,905	18,420
Lands $1,000	2,651	5,523	7,555	14,834	12,077	13,035	12,296
Improvements $1,000	12,364	15,293	18,632	22,432	19,026	36,085	34,004
Funds available for expenditures $1,000	52,283	69,075	135,060	[2] 139,341	[2] 131,419	133,673	144,611
Appropriations $1,000	28,421	43,382	73,626	65,283	69,294	89,852	98,734
Other $1,000	23,862	25,693	61,433	73,767	61,794	43,821	45,877
Revenue from operations $1,000	6,646	13,817	18,235	20,773	22,641	23,364	26,466
Attendance 1,000	114,291	[2] 183,188	237,329	255,310	259,001	[2] 273,484	284,795
Day visits 1,000	108,212	169,123	220,206	237,316	238,432	249,186	260,745
Overnight visits 1,000	6,079	[2] 11,057	[2] 17,123	[2] 17,994	[2] 20,569	22,999	[4] 24,050
Cabins and hotels 1,000	1,223	1,576	1,753	1,944	1,697	2,230	2,212
Organized camps 1,000	1,480	1,697	2,075	2,096	2,235	2,206	2,249
Tent and trailer camps 1,000	3,377	7,650	13,074	13,734	16,217	18,563	18,753
Personnel ..... number	10,626	13,637	16,673	16,690	17,537	18,126	17,621
Professional ..... number	401	373	536	607	731	1,386	(NA)
Year-round ..... number	4,191	5,657	6,691	6,966	7,412	7,984	7,075
Seasonal ..... number	6,435	7,980	9,982	9,724	10,125	10,142	10,546
Land acquisition ..... acres	62,042	70,148	[2] 158,780	[2] 251,689	68,326	156,485	(NA)
By purchase ..... acres	18,236	13,750	17,573	52,801	38,915	64,566	(NA)
By gift ..... acres	4,586	35,724	10,300	17,740	7,585	11,648	(NA)
By other means ..... acres	39,220	20,674	122,841	175,321	21,826	80,271	(NA)

NA Not available.
[1] Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.
[2] Includes data for which the detailed breakdown is not available. [3] See footnote 2, table 297.
[4] Includes 836,086 primitive (few if any facilities) campers.
Source: Dept. of the Interior, Bureau of Outdoor Recreation; *State Outdoor Recreation Statistics—1962*.

No. 297. State Park Systems— States: 1962

[Areas and acreage as of December 31; visits, calendar year; expenditures, for year ending June 30. See also headnote, table 296]

STATE	Areas	Acreage	Visits (1,000)	Expenditures ($1,000)
U.S.	2,544	5,766,236	[1] 284,795	[1] [2] 106,151
Alabama	26	36,184	3,136	433
Alaska	65	3,094	580	178
Arizona	7	5,801	246	134
Arkansas	16	20,120	4,141	1,030
California	171	707,566	27,810	15,292
Colorado	22	14,535	1,276	(NA)
Connecticut	75	22,222	4,848	2,034
Delaware	16	3,495	24	(NA)
Florida	57	121,776	3,911	1,589
Georgia	62	46,119	3,665	1,396
Hawaii	21	6,420	501	308
Idaho	25	25,561	829	134
Illinois	97	47,936	9,574	(NA)
Indiana	35	54,502	3,082	1,460
Iowa	85	28,710	7,578	2,741
Kansas	10	9,592	1,989	861
Kentucky	35	60,285	8,532	12,199
Louisiana	18	12,240	1,573	624
Maine	35	212,423	788	560
Maryland	21	25,664	6,695	2,914
Massachusetts	47	34,343	1,757	1,793
Michigan	74	188,754	14,125	4,836
Minnesota	74	100,862	3,287	(NA)
Mississippi	16	14,400	2,024	291
Missouri	39	75,381	8,097	936
Montana	25	10,526	441	116
Nebraska	36	10,095	4,166	(NA)
Nevada	10	11,123	272	170
New Hampshire	31	1,336	2,438	1,898
New Jersey	44	23,802	6,534	2,534
New Mexico	18	4,591	1,492	259
New York	141	2,589,122	34,201	25,043
North Carolina	23	38,427	1,829	966
North Dakota	65	4,426	570	157
Ohio	111	94,601	22,789	2,367
Oklahoma	41	66,857	10,250	2,311
Oregon	187	64,689	12,458	2,029
Pennsylvania	160	169,793	23,533	3,920
Rhode Island	75	8,500	3,021	1,003
South Carolina	32	48,663	3,255	466
South Dakota	11	74,884	5,235	483
Tennessee	20	250,000	4,623	1,218
Texas	60	66,616	7,116	538
Utah	11	1,320	949	510
Vermont	29	9,631	865	957
Virginia	22	30,890	1,267	582
Washington	129	79,959	9,135	3,393
West Virginia	26	44,532	1,922	2,194
Wisconsin	45	22,204	5,323	1,229
Wyoming	43	161,664	1,043	65

NA Not available. [1] 89 agencies reporting.
[2] Excludes data for Colorado, Delaware, Illinois, Minnesota, and Nebraska because State park systems expenditures were not shown separately in consolidated reports submitted by States.
Source: Dept. of the Interior, Bureau of Outdoor Recreation; *State Outdoor Recreation Statistics—1962*.

No. 298. Municipal and County Park Summary—States: 1965

[3,142 reporting agencies]

STATE	PARK AND RECREATION AREAS		PAID EMPLOYEES		Playgrounds under leadership	Recreation buildings and indoor centers	EXPENDITURES ($1,000)		
	Number	Acreage	Total	Full-time professionals			Land, buildings, permanent improvements	Current operating expenses	Capital expenditures, 1961-1965
United States	**30,509**	**1,496,378**	**243,170**	**19,208**	**24,298**	**22,527**	**290,221**	**611,158**	**1,049,470**
New England	**1,979**	**58,255**	**15,084**	**942**	**1,742**	**1,145**	**10,567**	**25,788**	**44,873**
Maine	118	1,318	639	99	105	63	241	1,287	530
New Hampshire	144	4,243	764	45	126	102	412	1,170	3,219
Vermont	109	2,199	438	19	50	83	122	501	810
Massachusetts	888	30,384	7,200	268	789	340	3,734	11,554	23,707
Rhode Island	164	2,202	1,187	54	157	104	1,078	1,702	2,715
Connecticut	556	17,909	4,856	457	515	453	4,980	9,574	13,892
Middle Atlantic	**5,333**	**156,966**	**51,593**	**2,428**	**5,235**	**2,824**	**83,767**	**131,836**	**329,367**
New York	2,966	92,794	32,690	1,224	2,387	1,194	63,819	87,770	289,696
New Jersey	1,033	30,853	8,499	575	1,083	727	7,435	17,248	19,185
Pennsylvania	1,334	33,319	10,404	629	1,765	903	12,514	26,818	20,486
East North Central	**6,302**	**413,896**	**60,134**	**3,753**	**4,542**	**4,228**	**52,921**	**146,922**	**183,704**
Ohio	1,331	205,326	11,538	874	1,233	894	13,290	26,785	57,938
Indiana	636	19,551	4,717	345	623	424	6,035	12,208	10,310
Illinois	1,800	98,811	19,628	1,479	1,015	970	19,605	59,079	55,766
Michigan	1,475	48,371	13,283	748	1,093	1,198	7,666	29,119	26,749
Wisconsin	1,060	41,837	10,968	307	578	742	6,325	19,731	32,941
West North Central	**2,886**	**128,022**	**18,079**	**1,592**	**1,701**	**1,482**	**16,088**	**34,493**	**63,972**
Minnesota	936	43,567	6,171	354	625	682	3,355	9,172	17,685
Iowa	728	29,508	3,030	164	296	203	2,286	4,680	7,629
Missouri	452	28,893	3,667	786	334	205	6,719	12,184	27,560
North Dakota	97	3,702	623	32	55	50	719	1,100	1,219
South Dakota	108	2,506	499	32	60	38	255	1,108	1,025
Nebraska	201	6,818	1,304	47	91	83	663	2,684	3,840
Kansas	364	13,028	2,785	177	240	221	2,090	3,565	5,014
South Atlantic	**4,855**	**152,172**	**27,968**	**3,822**	**3,496**	**2,803**	**34,740**	**77,897**	**102,691**
Delaware	174	2,320	580	16	56	35	121	1,347	756
Maryland	532	23,945	6,397	485	648	600	10,535	14,708	22,852
Dist. of Columbia	846	40,772	3,287	494	198	187	5,567	15,109	34,075
Virginia	496	22,450	3,228	642	725	562	3,437	8,291	5,505
West Virginia	139	6,697	1,487	58	323	278	2,146	2,425	2,371
North Carolina	478	14,861	2,942	341	471	297	3,913	6,401	6,158
South Carolina	226	2,106	682	179	186	124	263	1,593	834
Georgia	675	8,658	2,245	448	323	184	2,152	5,514	7,668
Florida	1,289	30,363	7,120	1,159	566	536	6,607	22,510	22,472
East South Central	**1,100**	**37,324**	**8,384**	**955**	**1,100**	**807**	**7,710**	**15,970**	**26,983**
Kentucky	189	10,838	2,250	92	218	262	1,782	2,622	5,357
Tennessee	449	15,997	3,710	470	493	306	2,938	7,499	14,327
Alabama	342	7,842	1,521	262	229	154	2,491	4,281	5,469
Mississippi	120	2,647	903	131	160	85	499	1,568	1,830
West South Central	**2,129**	**94,703**	**11,287**	**1,224**	**1,164**	**878**	**18,596**	**28,768**	**80,993**
Arkansas	43	2,128	240	7	20	21	63	430	320
Louisiana	182	7,668	1,995	314	346	154	3,145	4,164	5,197
Oklahoma	389	21,468	1,567	120	168	107	1,620	3,016	11,316
Texas	1,515	63,439	7,485	783	630	596	13,769	21,158	64,160
Mountain	**1,300**	**219,992**	**9,231**	**484**	**896**	**1,108**	**7,085**	**17,092**	**20,754**
Montana	171	13,302	433	35	50	94	219	854	1,256
Idaho	158	3,076	960	30	80	86	471	1,054	971
Wyoming	65	27,018	279	16	37	27	154	541	271
Colorado	317	19,334	2,877	119	186	280	1,562	3,602	4,335
New Mexico	156	15,313	663	50	90	111	1,540	1,538	2,358
Arizona	249	132,898	2,434	125	281	328	1,067	6,623	7,519
Utah	108	2,015	999	32	131	160	665	1,234	1,071
Nevada	76	7,036	586	77	41	22	1,406	1,646	2,973
Pacific	**4,625**	**235,048**	**41,410**	**4,008**	**4,422**	**7,252**	**58,746**	**132,391**	**196,131**
Washington	742	19,129	2,994	205	354	427	2,959	9,550	16,121
Oregon	709	21,530	2,638	157	266	319	2,483	6,824	6,189
California	2,847	188,797	34,578	3,445	3,616	6,415	49,365	111,077	157,122
Alaska	29	1,360	48	5	11	4	183	196	266
Hawaii	298	4,232	1,152	196	175	87	3,757	4,744	16,432

Source: National Recreation and Park Association, Washington, D.C.; *Recreation and Park Yearbook 1966.*

No. 299. Municipal and County Park and Recreation Areas—Number, Acreage, Professional Personnel, and Selected Facilities: 1940 to 1965

[Represents only park and recreation systems which returned questionnaires or were personally contacted by other means. In 1965, 2,784 municipal and 358 county agencies submitted reports. See *Historical Statistics, Colonial Times to 1957*, series H 488–499, for related data]

ITEM	1940	1946	1950	1955	1960	1965
Park and other recreation areas:						
Number	(NA)	(NA)	17,142	20,417	24,710	30,509
Acreage	(NA)	(NA)	644,067	748,701	1,015,461	1,496,378
Professional personnel, total	24,533	41,159	58,029	76,878	99,696	119,515
Full time, year-round	3,559	5,147	6,784	8,387	9,216	19,208
Playgrounds under leadership	9,921	11,559	14,747	18,224	20,107	24,298
Selected facilities:						
Ball diamonds, 90 foot	3,904	4,323	5,502	5,542	7,044	9,335
Bathing beaches	572	618	780	830	951	1,261
Golf courses, 9 and 18 hole	387	340	454	478	585	1,005
Outdoor swimming pools	898	1,116	1,289	1,813	2,513	4,277
Tennis courts	12,075	11,847	13,085	13,188	15,676	19,926
Recreation buildings	1,750	1,832	2,987	4,097	3,828	6,486
Indoor recreation centers	3,986	4,021	6,630	9,400	13,142	16,041
Softball diamonds	10,042	10,034	12,266	11,834	14,832	17,467

NA Not available.

Source: National Recreation and Park Association, Washington, D.C.; *Recreation and Park Yearbook*.

No. 300. Estimated Public Expenditures for Outdoor Recreation: 1951 to 1960

[**In millions of 1960 dollars.** Includes Puerto Rico and Virgin Islands]

YEAR	Total	Federal [1]	State [1]	Local	YEAR	Total	Federal [1]	State [1]	Local
Total	8,559	1,218	1,507	5,834	1955	847	88	150	608
					1956	854	98	149	607
1951	553	70	117	366	1957	910	130	154	626
1952	618	76	125	417	1958	1,079	195	172	712
1953	682	78	135	468	1959	1,126	206	178	742
1954	740	82	141	518	1960	1,151	194	187	770

[1] Direct outlay.

Source: Outdoor Recreation Resources Review Commission; *Public Expenditures for Outdoor Recreation*, Study Report No. 25. 1962.

No. 301. Number and Cost of Hunting and Fishing Licenses: 1950 to 1965

[For years ending June 30. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 523–524]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965
Hunting licenses:								
Total license sales [1] 1,000	12,638	14,192	18,440	18,202	18,175	18,679	19,059	19,372
Resident 1,000	12,441	13,853	17,808	17,580	17,519	17,900	18,175	18,518
Nonresident 1,000	197	339	632	622	656	779	884	854
Cost to hunters $1,000	37,641	42,791	60,981	64,063	63,984	68,106	72,071	75,173
Fishing licenses:								
Total license sales [1] 1,000	15,338	18,855	23,323	23,136	23,084	23,976	24,472	24,976
Resident 1,000	13,309	16,212	20,190	19,987	20,015	20,761	21,166	21,576
Nonresident 1,000	2,029	2,643	3,133	3,149	3,069	3,215	3,306	3,400
Cost to anglers $1,000	34,018	39,502	52,143	52,851	54,163	57,780	60,213	62,857
Federal duck stamps issued 1,000	1,942	2,182	1,628	1,728	1,346	1,148	1,455	1,556

[1] Prior to 1960, paid license holders; for definition, see footnote 1, table 302.

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Federal Aid in Fish and Wildlife Restoration*.

No. 302. Number and Cost of State Fishing and Hunting Licenses, by States: 1965

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

State	Paid license holders [1] (1,000)		Cost of licenses [2] ($1,000)		State	Paid license holders [1] (1,000)		Cost of licenses [2] ($1,000)	
	Fishing	Hunting	Fishing	Hunting		Fishing	Hunting	Fishing	Hunting
United States	20,496	14,331	62,857	75,173	Missouri	665	390	2,563	2,030
					Montana	280	176	1,273	1,440
Alabama	424	341	904	842	Nebraska	220	198	937	1,698
Alaska	63	44	379	578	Nevada	79	52	327	797
Arizona	248	128	1,011	1,000	New Hampshire	123	85	511	637
Arkansas	446	274	1,205	924	New Jersey	142	167	808	980
California	1,799	685	7,642	3,952	New Mexico	107	82	618	849
Colorado	431	281	1,562	5,038	New York	723	727	2,378	3,734
Connecticut	114	62	545	326	North Carolina	372	413	1,219	1,508
Delaware	10	26	28	90	North Dakota	98	87	163	491
Florida	517	207	1,508	1,038					
					Ohio	828	577	1,904	1,508
Georgia	587	296	793	740	Oklahoma	486	217	1,006	624
Hawaii	4	8	10	39	Oregon	528	333	1,955	2,068
Idaho	265	178	1,296	1,419	Pennsylvania	476	918	2,294	5,994
Illinois	682	482	1,439	1,642	Rhode Island	18	15	60	46
Indiana	727	586	1,026	998	South Carolina	307	192	703	626
Iowa	419	311	1,072	1,071	South Dakota	190	163	370	1,136
Kansas	284	191	873	849	Tennessee	682	442	1,648	1,522
Kentucky	362	237	1,185	783	Texas	927	577	1,855	1,873
Louisiana	217	282	265	754	Utah	236	198	732	1,703
Maine	229	188	830	1,211					
					Vermont	113	124	272	705
Maryland	114	169	367	903	Virginia	342	367	997	1,578
Massachusetts	195	118	713	471	Washington	427	322	1,880	2,421
Michigan	887	894	2,623	5,438	West Virginia	203	218	601	766
Minnesota	1,311	425	3,074	2,474	Wisconsin	1,097	499	4,313	2,995
Mississippi	348	259	547	692	Wyoming	144	120	573	2,172

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

Source: Dept. of the Interior, Fish and Wildlife Service; annual report, *Federal Aid in Fish and Wildlife Restoration.*

No. 303. Number of Sport Fishermen and Hunters: 1960 and 1965

[**In thousands.** For 1960, persons 12 years old and over who fished and hunted; for 1965, persons 12 years old and over who spent $5 or more and reported 3 or more fishing and hunting recreation days during the year. Based on samples of approximately 18,000 households. For composition of divisions, see fig. I, p. xii]

Item	1960		1965						
	Total persons	Total who fished and/or hunted	Total persons	Total who fished and/or hunted	Total who fished and hunted	Total who fished	Total who hunted	On trips lasting more than 1 day: Fishermen	On trips lasting more than 1 day: Hunters
Total	131,226	30,435	141,928	32,881	9,050	28,348	13,583	10,358	3,736
By division:									
New England	8,349	1,368	9,256	1,650	421	1,488	583	375	132
Middle Atlantic	26,493	3,432	27,346	3,602	789	2,760	1,631	847	380
East North Central	26,833	6,316	28,124	6,214	1,685	5,336	2,563	2,332	864
West North Central	10,149	3,383	11,681	3,678	1,168	3,226	1,620	1,346	369
South Atlantic	17,798	4,423	20,593	5,626	1,328	5,054	1,900	1,374	337
East South Central	9,277	2,778	9,652	2,587	908	2,201	1,294	481	136
West South Central	11,837	3,666	12,724	3,713	1,136	3,278	1,571	1,112	413
Mountain	5,222	1,646	5,029	1,565	684	1,261	988	787	557
Pacific	15,268	3,422	17,523	4,246	931	3,744	1,433	1,704	548
By residence:									
Big cities	22,059	2,365	22,539	2,945	553	2,705	793	1,142	399
Small cities and suburbs	35,358	6,376	56,296	11,866	2,692	10,744	3,814	5,170	1,589
Towns and rural areas	73,809	21,693	63,093	18,070	5,805	14,899	8,976	4,048	1,748
By sex:									
Male	62,732	23,171	67,508	25,216	8,582	20,994	12,804	7,803	3,445
Female	68,494	7,264	74,420	7,665	468	7,354	779	2,559	293

Source: Dept. of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1960* and *1965.*

No. 304. Expenditures of Sport Fishermen and Hunters: 1965

[Data refer to persons 12 years old and over who spent $5 or more and reported 3 or more fishing and hunting recreation days during 1965. Based on a sample of approximately 18,000 households]

Item	Total persons		Persons who fished		Persons who hunted	
	Total spent (mil. dol.)	Average per person [1]	Total spent (mil. dol.)	Average per person	Total spent (mil. dol.)	Average per person
Total	**4,046**	**$123.06**	**2,925**	**$103.19**	**1,121**	**$82.54**
Food	456	13.88	340	12.01	116	8.53
Lodging	125	3.81	104	3.67	21	1.58
Transportation:						
Automobile	556	16.92	400	14.10	157	11.53
Bus, rail, air, and water	41	1.25	29	1.03	12	.86
Equipment:						
Boats and motors	655	19.93	626	22.08	29	2.16
General auxiliary equipment [2]	257	7.81	161	5.67	96	7.09
Fishing and/or hunting equipment	721	21.92	324	11.41	397	29.25
Licenses, tags, and permits	136	4.14	68	2.40	68	5.02
Duck stamps	4	.12	(X)	(X)	4	.28
Annual lease and privilege fees	27	.81	11	.40	15	1.12
Daily entrance and privilege fees	71	2.15	52	1.83	19	1.38
Bait, guide fees, and other trip expenses	778	23.65	755	26.92	23	1.71
Other [3]	219	6.67	56	1.97	163	12.04

X Not applicable. [1] Includes expenditures of those who fished or hunted or both.
[2] Includes tents, sleeping gear, cooking and eating utensils, special clothing, lanterns, binoculars, trailers, cabins, and other equipment used primarily for fishing and hunting.
[3] Includes boat launching fees for fishermen, dogs for hunters, costs of fishing and hunting magazines, general club dues, and other miscellaneous expenditures.

Source: Dept. of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1965.*

No. 305. Personal Consumption Expenditures for Recreation: 1940 to 1965

[**In millions of dollars.** Represents market value of purchases of goods and services by individuals and nonprofit institutions. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957,* series H 500-515]

Type of product or service	1940	1945	1950	1955	1960	1962	1963	1964	1965
Total recreation expenditures	**3,761**	**6,139**	**11,147**	**14,078**	**18,295**	**20,474**	**22,213**	**24,573**	**26,304**
Books and maps	234	520	674	867	1,304	1,523	1,620	1,931	2,074
Magazines, newspapers, and sheet music	589	965	1,495	1,869	2,193	2,415	2,521	2,767	2,840
Nondurable toys and sport supplies	306	553	1,394	1,803	2,417	2,792	2,986	3,200	3,413
Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft	254	400	869	1,386	2,106	2,269	2,538	2,810	2,996
Radio and television receivers, records, and musical instruments	494	344	2,421	2,869	3,412	3,935	4,539	5,420	6,023
Radio and television repair	32	88	283	516	801	882	906	954	1,032
Flowers, seeds, and potted plants	201	378	457	546	641	739	842	888	1,010
Admissions to specified spectator amusements	904	1,714	1,781	1,801	1,606	1,646	1,692	1,774	1,848
Motion picture theaters	735	1,450	1,376	1,326	951	903	904	923	949
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics)	71	148	183	245	365	417	446	484	508
Spectator sports	98	116	222	230	290	326	342	367	391
Clubs and fraternal organizations [1]	203	281	462	569	733	773	808	834	858
Commercial participant amusements [2]	197	284	448	584	1,161	1,366	1,443	1,492	1,532
Pari-mutuel net receipts	55	153	239	381	517	564	626	694	734
Other [3]	292	459	624	887	1,404	1,570	1,692	1,809	1,944

[1] Gross receipts less cash benefits of fraternal, patriotic, and women's organizations except insurance; and dues and fees of athletic, social, and luncheon clubs, and school fraternities.
[2] Billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; daily fee golf greens fees; golf instruction, club rental, and caddy fees; sightseeing buses and guides; and private flying operations.
[3] Photo developing and printing, photographic studios, collectors' net acquisitions of stamps and coins, hunting dog purchase and training, sports guide service, veterinary service, purchase of pets, camp fees, nonvending coin machine receipts minus payoff, and other commercial amusements.

Source: Dept. of Commerce, Office of Business Economics; *The National Income and Product Accounts of the United States, 1929-1965: Statistical Tables.*

No. 306. Selected Recreational Activities: 1950 to 1966

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series H 516-522, and H 525]

ACTIVITY	1950	1955	1960	1962	1963	1964	1965	1966
Baseball, major leagues:								
Attendance [1] ... 1,000	17,659	16,980	20,261	21,752	20,724	21,602	22,801	25,424
Regular season ... 1,000	17,463	16,617	19,911	21,375	20,477	21,280	22,437	25,203
National League ... 1,000	8,321	7,674	10,685	11,360	11,382	12,045	13,581	15,036
American League ... 1,000	9,142	8,943	9,227	10,015	9,095	9,235	8,861	10,167
World series ... 1,000	196	362	350	377	247	322	364	221
Softball, amateur: [2]								
Teams ... 1,000	355	367	378	384	451	492	560	693
Leagues ... 1,000	59	61	63	68	76	81	109	227
Participants [3] ... 1,000	(NA)	(NA)	8	9	10	12	13	15
Attendance [4] ... 1,000	(NA)	(NA)	12	13	15	17	20	23
Youth program:								
Teams ... 1,000	(X)	(X)	3.5	5.5	8.2	10.4	11.3	13.6
Leagues ... 1,000	(X)	(X)	0.7	1.0	1.8	2.4	3.7	4.5
Participants ... 1,000	(X)	(X)	48	82	112	201	268	348
Golf: [5]								
Number of golfers [6] ... 1,000	3,215	3,500	4,400	5,500	6,250	7,000	7,750	8,525
Courses ... number	4,931	5,218	6,385	7,070	7,477	7,893	8,323	8,672
By size:								
9-hole ... number	2,972	3,048	3,660	4,031	4,248	4,397	4,554	4,786
18-hole and larger ... number	1,959	2,170	2,725	3,039	3,229	3,496	3,769	3,886
By classification:								
Private ... number	3,049	2,807	3,236	3,503	3,615	3,764	3,887	4,016
Semiprivate ... number	1,141	1,534	2,254	2,636	2,868	3,114	3,368	3,483
Municipal ... number	741	877	895	931	994	1,015	1,068	1,173
Tennis, U.S. Lawn Tennis Association:								
Tournament events ... number	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9,422	(NA)
National championships, attendance ... 1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	94	(NA)
Basketball, professional, National Basketball Association, attendance [7] ... 1,000	(NA)	(NA)	1,986	2,163	2,479	2,500	2,750	3,000
Football, collegiate: [8]								
Teams ... number	674	621	620	610	616	622	616	616
Attendance ... 1,000	18,962	17,267	20,403	21,227	22,237	23,354	24,683	25,276
Football, professional, National Football League, attendance ... 1,000	2,008	2,608	3,195	4,068	4,209	4,642	4,685	5,175
Regular season ... 1,000	1,978	2,522	3,128	4,003	4,163	4,563	4,634	5,100
Championship games ... 1,000	30	86	67	65	45	79	51	75
Boxing, professional matches: [9]								
Boxers ... number	3,940	3,120	2,920	1,960	2,884	2,478	2,202	2,006
Gross receipts ... $1,000	3,800	6,335	5,902	7,225	7,828	7,948	8,264	5,100
Horseracing: [10]								
Number of racing days	4,018	4,899	6,099	6,532	7,136	7,561	8,051	8,427
Total attendance ... 1,000	29,291	38,503	46,879	50,582	55,754	60,595	62,887	63,690
Parimutuel turnover ... mil. dol	1,638	2,592	3,358	3,669	3,975	4,402	4,615	4,685
Revenue to States ... mil. dol	98	187	258	288	316	350	370	388
Total monies distributed [11] ... mil. dol	47	85	111	127	136	154	165	177
Greyhound racing: [10]								
Number of racing days	1,738	2,143	2,478	2,646	2,645	2,747	2,443	2,865
Total attendance ... 1,000	6,083	7,131	7,924	8,983	9,566	10,165	10,865	11,121
Parimutuel turnover ... mil. dol	167	242	322	366	377	421	460	497
Revenue to States ... mil. dol	11	17	22	26	27	29	33	36
Total monies distributed [11] ... mil. dol	(NA)	(NA)	7	9	9	9	10	11
Tenpin bowling: [7 12]								
Establishments ... number	6,325	6,636	8,997	10,610	10,883	10,839	10,752	10,457
Lanes ... number	52,488	58,203	107,908	148,535	157,713	158,996	159,079	156,219
Membership:								
American Bowling Congress ... 1,000	1,417	1,738	3,665	4,622	4,838	4,945	4,944	4,884
Women's International Bowling Congress ... 1,000	496	706	1,543	2,212	2,453	2,607	2,736	2,821
American Jr. Bowling Congress ... 1,000	24	67	330	443	451	315	330	349
Duckpin bowling: [13]								
Establishments ... number	463	556	653	720	705	694	641	(NA)
Lanes ... number	5,550	6,875	8,707	9,199	8,848	9,219	8,714	(NA)
Teams ... number	28,665	46,552	62,067	76,452	78,272	78,944	80,818	(NA)
Motion picture theaters: [14]								
Average weekly attendance ... millions	60	46	40	43	42	44	44	(NA)
Gross receipts ... mil. dol	1,320	1,185	1,483	1,551	1,613	1,726	1,980	(NA)
Average admission price ... cents	44	50	69	70	74	76	85	(NA)

See footnotes at end of table.

No. 306. Selected Recreational Activities: 1950 to 1966—Continued

ACTIVITY	1950	1955	1960	1962	1963	1964	1965	1966
Outboard motors and boats: [15]								
Motors in use ... 1,000	2,811	4,210	5,800	6,250	6,390	6,564	6,645	6,784
Motors sold ... 1,000	367	515	468	360	362	390	393	440
Value (retail) ... mil. dol	63	153	221	170	167	180	183	221
Average horsepower	6.9	12.9	27.4	30.3	30.5	30.3	28.2	29.9
Outboard boats sold ... 1,000	131	258	294	239	245	250	250	266
Value (retail) ... mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	131	133	146
Average length ... feet	(NA)	(NA)	(NA)	(NA)	(NA)	15.4	15.3	15.4
Inboard/outdrive boats sold ... 1,000	(16)	(16)	(16)	(16)	8	12	17	32
Value (retail) ... mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	46	64	121
Boat trailers sold ... 1,000	18	129	206	160	148	130	130	153
Value (retail) ... mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	29	29	34

NA Not available. X Not applicable. [1] Source: *World Almanac* (copyright). [2] Source: Amateur Softball Association of America. Prior to 1962, excludes Alaska and Hawaii. Youth program established 1958. [3] Represents total adult (both men and women) participation. [4] Includes attendance at national championships. [5] Source: National Golf Foundation, Inc. Prior to 1960, excludes Alaska and Hawaii. [6] Golfers playing 15 rounds or more per year, except 1963 and 1964 represent all golfers. [7] Data are for season ending in year shown. [8] Source: National Collegiate Athletic Association. Prior to 1960, excludes Hawaii. [9] Source: *The Ring*. Prior to 1963, excludes Alaska. Beginning 1963, includes Guam. Data for boxers include all boxers listed for one or more bouts. Excludes closed circuit TV attendance and receipts. 1966 data estimated. [10] Source: National Association of State Racing Commissioners. Horseracing includes thoroughbred, harness, quarter horse, and fairs. [11] Distributed in stakes and purses. [12] Source: American Bowling Congress. Prior to 1960, excludes Alaska and Hawaii. [13] Source: National Duckpin Bowling Congress. Data are for season beginning in year shown. [14] Source: *The Film Daily Yearbook of Motion Pictures; 1966* (copyright). 1965 data estimated. [15] Source: Boating Industry Association. Prior to 1960, excludes Alaska and Hawaii. 1966 data preliminary. [16] Included in "Outboard boats sold."

Source: Compiled from sources listed in footnotes.

No. 307. Museums—Summary: 1952 to 1962

[Based on a survey covering 3,433 U.S. museums, including 2 in Puerto Rico and 1 in the Virgin Islands, which responded to a questionnaire mailed to 6,000 museums in the United States and Canada. Museums were classified by their primary collection or interest]

TYPE	MUSEUMS REPORTING, 1962		ATTENDANCE [1] (1,000)			PERCENT [2] OFFERING IN 1962—				
	Number	Percent	1952	1957	1962	Guided tours	Lectures	Films	Gallery talks	Concerts
Total	3,443	100	83,189	121,870	184,767	62	44	23	15	9
Historic buildings [3]	1,019	30	7,064	12,488	20,749	75	28	9	4	3
History [4]	825	24	9,808	16,797	26,720	62	42	20	9	4
Art	364	11	11,071	13,496	22,005	61	70	48	60	40
Science	300	9	15,015	18,342	34,246	63	58	38	11	2
Live [5]	225	6	24,912	32,748	44,664	67	47	17	2	3
Other museums [6]	320	9	14,920	27,243	35,209	54	48	32	15	10
Related organizations [7]	390	11	399	756	1,174	32	46	22	17	8

[1] Based on reports from 1,964 (57 percent) of the 3,443 museums reporting in 1962, covering the 3 years shown. [2] Based on reports from 2,752 museums. [3] Includes restorations. Primary interest is in the buildings. [4] Includes technical museums whose collections are primarily historical. [5] All organizations collecting and exhibiting living animals and plants. [6] Comprises museums of anthropology and archaeology, libraries with special collections, children's museums, and museums in which art, history, and science are almost equally represented. [7] Organizations with no collection.

Source: American Association of Museums, Washington, D.C.; *A Statistical Survey of Museums in the United States and Canada* (copyright).

No. 308. Symphony Orchestras—Summary: 1950 to 1965

[For years ending Aug. 31. Orchestras other than college are principally defined by their annual budgets: Community, under $100,000; metropolitan, $100,000 to $499,999; and major, over $500,000. Based on surveys and other data]

ITEM	1950	1955	1960	1961	1962	1963	1964	1965
Symphony orchestras, total	839	1,029	1,226	1,259	1,301	1,348	1,363	1,385
College	231	240	250	258	265	280	284	290
Community	581	761	933	955	987	1,016	1,025	1,032
Metropolitan [1]	(X)	(X)	18	21	24	27	29	38
Major	27	28	25	25	25	25	25	25
MAJOR ORCHESTRAS								
Musicians	2,319	2,079	(NA)	2,202	2,043	2,188	2,207	2,216
Concerts played	2,016	2,257	(NA)	2,578	2,651	2,782	2,877	2,987
Attendance ... 1,000	5,072	4,900	(NA)	5,502	5,700	6,000	6,400	6,750
Gross expenditures ... $1,000	10,653	13,838	(NA)	22,762	22,600	22,800	24,100	27,700

NA Not available. X Not applicable. [1] Classification effective beginning 1958.

Source: American Symphony Orchestra League, Inc., Vienna, Va.; unpublished data.

No. 309. Performing Arts—Selected Data: 1955 to 1965

[For season ending in year shown, except as indicated]

ITEM	1955	1960	1963	1964	1965
THEATER (legitimate)					
Broadway:					
Shows	72	76	71	82	(NA)
New productions (including revivals)	58	58	54	63	(NA)
Performances	8,917	9,214	8,954	7,975	(NA)
Average weekly attendance, February ... 1,000	182	184	154	(NA)	(NA)
Off Broadway:					
Productions	41	114	105	131	110
New [1]	41	100	90	107	87
Performances	1,883	6,803	8,323	9,296	6,702
DANCE GROUPS [2]					
Professional	(NA)	139	169	196	(NA)
Foreign or ethnic [3]	(NA)	44	70	80	(NA)
American [3]	(NA)	95	99	116	(NA)
Tours, October:					
Towns and cities visited	[4] 106	142	251	117	(NA)
Performances	[4] 115	192	277	191	(NA)
Performances, New York City, Oct.-Feb	197	191	191	222	340
OPERA					
Companies [5]	543	754	795	754	(NA)
Performances	3,217	4,232	4,606	3,877	(NA)
MAJOR ORCHESTRAS (averages per orchestra) [6]					
Length of season ... weeks	26	[7] 28	29	30	(NA)
Paid concerts	94	[7] 120	121	128	(NA)
Home	67	[7] 87	91	96	(NA)
Tour	27	[7] 33	30	32	(NA)
Paid attendance ... 1,000	216	[7] 263	263	278	(NA)

NA Not available. [1] Comprises new musicals and plays, revivals, special productions, and presentations of special companies and visiting foreign troupes.

[2] Comprises groups of more than 2 dancers having an active repertoire of at least 1 full program, a company organization separate from a school group, and at least 2 performances before paying audiences. Based on reports to *Dance Magazine*'s "Annual Directory of Dance Attractions." [3] Classification estimated.

[4] 1956 data. [5] Comprises high school, college, other amateur, and professional companies.

[6] Data are arithmetic means for 11 major orchestras, as follows: Chicago, Cincinnati, Cleveland, Indianapolis, Kansas City, Minneapolis, National, Philadelphia, Pittsburgh, St. Louis, and San Francisco.

[7] For season ending in 1961.

Source: William J. Baumol and William G. Bowen; *Performing Arts—The Economic Dilemma.* Copyright 1966 by the Twentieth Century Fund, Inc.

No. 310. Volume and Characteristics of Travel: 1963

[**Number in millions.** Based on interviews with nationwide probability sample of about 6,000 households concerning trips that ended between January 1 and December 31, 1963. Subject to sampling error]

ITEM	TRIPS [1]		TRAVELERS [2]	
	Number	Percent	Number	Percent
Total	257	100	487	100
Purpose of trip:				
Business	54	21	66	14
Visit friends and relatives	103	40	219	45
Other pleasure trips	55	21	123	25
Personal and family affairs	45	18	79	16
Transportation:				
Automobile	215	84	435	89
Bus	11	4	13	3
Air	14	5	17	4
Rail	8	3	10	2
Other	9	4	12	2
Size of party:				
1 person	141	55	141	29
2 persons	58	23	116	24
3 or 4 persons	42	16	145	30
5 or more	16	6	85	17

ITEM	TRIPS [1]		TRAVELERS [2]	
	Number	Percent	Number	Percent
Distance:				
Under 100 miles	119	46	224	46
100 to 199 miles	73	28	141	29
200 to 499 miles	41	16	78	16
500 or more	19	8	34	7
Outside U.S.	5	2	10	2
Duration of trip:				
1-day trip	17	6	32	7
Overnight trips:				
1 night	78	31	157	32
2 nights	66	26	127	26
3 to 5 nights	49	19	87	18
6 to 9 nights	21	8	39	8
10 or more	26	10	45	9
Accommodations [3]	(X)	(X)	2,022	100
Commercial lodgings	(X)	(X)	487	24
Friends and relatives	(X)	(X)	1,032	51
Own cottage	(X)	(X)	185	9
Other	(X)	(X)	319	16

X Not applicable.

[1] A trip involves 1 or more members of a household going out of town overnight or going to a place 100 miles or more on a 1-day trip. Comprises trips taken for all purposes, including attending school out-of-town.

[2] A traveler is a person on a trip and is counted each time he takes a trip.

[3] Accommodations shown in traveler-night units, defined as the number of nights each person spent on the tri exclusive of accommodations used by students while attending school out-of-town.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. I, *Transporta Survey.*

No. 311. Foreign Travel—Travelers and Expenditures: 1929 to 1966

[Travelers in thousands; expenditures in millions of dollars. Covers residents of U.S. and Puerto Rico]

ITEM AND COUNTRY	1929	1937	1947	1950	1955	1960	1964	1965	1966
Total overseas travelers [1]	517	435	435	676	1,075	1,634	2,220	2,623	2,975
Means of transport from U.S.:									
Sea	(NA)	(NA)	(NA)	298	318	317	277	237	220
Air	(NA)	(NA)	(NA)	378	757	1,317	1,943	2,386	2,755
Region of destination:									
Europe and Mediterranean	350	248	149	302	482	832	1,250	1,405	1,570
West Indies and Central America	136	153	245	323	522	641	701	890	1,050
South America	8	9	27	38	34	71	107	127	130
Other	23	24	14	13	37	90	162	200	225
Total expenditures [2]	688	470	716	1,022	1,612	2,623	3,376	3,768	4,047
Transportation: [3]									
Foreign flag carriers [4]	164	95	55	145	201	513	645	720	755
United States flag carriers [4]	41	27	88	123	258	360	520	610	635
Expenditures abroad:									
Canada	178	156	241	261	306	380	550	600	678
Mexico	36	44	140	172	255	383	490	540	575
Total overseas areas	269	148	192	321	592	987	1,171	1,298	1,404
Europe and Mediterranean	213	97	107	225	430	692	800	864	920
West Indies and Central America	37	35	56	61	107	166	190	220	259
South America	5	4	16	22	22	45	57	68	65
Other	14	12	13	13	33	84	124	146	160

NA Not available.
[1] Excludes the following: Travel to Canada and Mexico; travel between conterminous U.S. and Alaska. Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad; and U.S. citizens residing abroad. [2] Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [3] Excludes passenger fares of emigrant aliens.
[4] Beginning 1960, new series; not comparable with earlier years.

No. 312. Travel to Europe and the Mediterranean Area—Travelers and Average Expenditure: 1950 to 1966

[Travelers in thousands. Covers residents of U.S. and Puerto Rico, except as noted]

ITEM	1950	1955	1960	1963	1964	1965	1966
Total travelers	302	482	832	1,102	1,250	1,405	1,570
U.S. born	(NA)	299	569	838	963	(NA)	(NA)
Foreign born	(NA)	183	263	264	287	(NA)	(NA)
Means of transport from U.S.:							
Sea	(NA)	214	230	254	223	184	175
Air	(NA)	268	602	848	1,027	1,221	1,395
Average expenditure and stay:							
Average per trip [1] ..... dollars	742	889	830	680	637	611	583
Average per day ..... dollars	[2] 12.04	15.88	(NA)	15.11	15.54	15.67	15.75
Average length of stay ..... days	[2] 64	56	(NA)	45	41	39	37

NA Not available. [1] Excludes transatlantic passenger fares. [2] U.S. citizens only.

No. 313. Foreign Travel to the United States—Travelers, 1955 to 1966, and Expenditures, 1947 to 1966

[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]

AREA OF ORIGIN	TRAVELERS (1,000)				EXPENDITURES (mil. dol.)					
	1955	1960	1965	1966	1947	1950	1955	1960	1965	1966
Total	(NA)	(NA)	(NA)	(NA)	364	419	654	1,025	1,545	1,768
Fares to U.S. carriers [1]	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	106	165	195
Canada	(NA)	(NA)	(NA)	(NA)	152	193	364	469	490	586
Mexico	(NA)	(NA)	(NA)	(NA)	64	69	110	226	390	436
Overseas areas	332	602	1,204	1,360	148	157	180	224	500	551
Europe and Mediterranean	131	274	584	658	64	56	61	90	205	215
West Indies, Central America, and South America	169	249	450	517	63	77	93	86	200	226
Other	32	79	170	185	22	24	26	48	95	110

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

Source of tables 311-313: Dept. of Commerce, Office of Business Economics; *Survey of Current Business.*

Section 8
Labor Force, Employment, and Earnings

This section presents statistics dealing with the characteristics of the economically active segment of the population, the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Decennial Census of Population conducted by the Bureau of the Census (see text, p. 1); *Employment and Earnings and Monthly Report on the Labor Force* and *Monthly Labor Review*, issued by the Bureau of Labor Statistics; and *Farm Labor*, issued monthly by the Statistical Reporting Service, Department of Agriculture.

Types of data.—Statistics shown in this section are of two types. One type is obtained by the "population approach" used by the Bureau of the Census in the Census of Population and the Current Population Survey (see below). This approach involves enumeration and interrogation either by interview or by mail to obtain information on employment activity from workers or members of workers' households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period.

The second type of data is obtained by the "establishment approach," represented by the industry surveys of the Bureau of Labor Statistics and the surveys of the Department of Agriculture's Statistical Reporting Service. These data are based on reports from employers, i.e., farms, businesses, or industrial establishments. Such data as wages, hours worked, labor turnover, and industry affiliation of employees can be more accurately obtained from employers' records than from inquiries directed to a worker or a member of his household. Workers appearing on more than one payroll for the same time period are counted more than once in establishment statistics.

The Census of Population provides detailed data for the United States and for each State, city, and other area. It includes personal characteristics (sex, age, race, etc.) of the numbers employed and unemployed, the numbers reported in each occupation and industry, and other items. The labor force survey provides current data published in *Employment and Earnings and Monthly Report on the Labor Force* and in related publications series of the Bureau of Labor Statistics. Data presented include national totals, by sex, color, and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industries and in agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and broad occupation groups of those employed, duration of unemployment of the unemployed, and work experience and job-seeking intentions of those not in the labor force.

In addition, the Bureau of Labor Statistics, in *Employment and Earnings and Monthly Report on the Labor Force* provides detailed monthly data on nonagricultural employment, unemployment, labor turnover, earnings, and hours worked. These data are shown for broad groupings in the *Monthly Labor Review*, which also presents statistics on wage rates, industrial relations, and output per man-hour. Certain of these data are shown for States and large cities. Historical statistics are shown in the Bureau of Labor Statistics Bulletin No. 1312-4, *Employment and Earnings Statistics for the United States, 1909-66*, and in No. 1370-3, *Employment and Earnings Statistics for States and Areas, 1939-65*.

Current Population Survey.—Monthly data on the labor force are collected and compiled for the Bureau of Labor Statistics as a part of the Current Population Survey, a nationwide sample survey conducted by the Bureau of the Census. (See text, p. 1.) According to current computations, the relative sampling error for summary estimates

such as civilian labor force, total employment, and nonagricultural employment is about 0.3 percent; for agricultural employment and for unemployment, it is roughly 2 to 4 percent. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the percentage estimated above for the particular item. The chances are about 19 out of 20 that the difference would be less than twice the specified percentage and about 99 out of 100 that it would be less than 2½ times the percentage. This sampling variability is illustrative of the variability of data based on the Current Population Survey. For further details, see the original releases of the Bureau of the Census and explanatory notes in the Bureau of Labor Statistics *Employment and Earnings and Monthly Report on the Labor Force.*

Statistics obtained from the Current Population Survey may differ from decennial census data because of sampling variability as well as differences in the training and experience of enumerators and in the enumeration procedures. For further information, see *U.S. Census of Population: 1960*, Vol. I.

Labor force.—Effective in January 1967, the lower limit for official statistics on the labor force was raised from 14 to 16 years of age. Data on employment status, collected in the Current Population Survey, relate to activity or status during the calendar week which includes the 12th of the month. Employed persons comprise all persons who, during that week, did any work for pay or profit, worked 15 hours or more as unpaid workers in a family enterprise, or did not work but had jobs or businesses from which they were temporarily absent. Unemployed persons comprise all persons not working during the survey week who had made specific efforts to find a job within the past 4 weeks and who were available for work, and persons who were on layoff from a job or waiting to report to a new job within 30 days. A detailed discussion of the survey and its methodology appears in *Concepts and Methods Used in Manpower Statistics From the Current Population Survey* (Report No. 313), available on request from the Bureau of Labor Statistics.

Labor force data collected in the 1960 Census relate to the first or second week of April for the majority of the population. "Experienced civilian labor force" refers to employed workers and unemployed workers with previous work experience.

Employment and earnings.—The monthly estimates of nonagricultural employment prepared by the Bureau of Labor Statistics are based on voluntary reports from establishments which, in March 1965, employed 11 million manufacturing workers (64 percent of total manufacturing employment at that time), 8 million workers in nonmanufacturing industries except Government (27 percent of the total in nonmanufacturing industries), and 6 million Federal, State, and local Government employees (63 percent of the total in goverment). These reports are supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Government social insurance programs. The monthly estimates exclude persons not normally on establishment payrolls, such as proprietors of unincorporated businesses, self-employed persons, domestic servants, unpaid family workers, agricultural workers, and persons in the Armed Forces. The employment data are for all employees, whether full- or part-time, who received pay for any part of the period reported.

Estimates are available on a continuous basis from 1919 for total nonfarm payroll employment and the 8 major industry divisions. Estimates for other periods are available for several hundred selected industries. Both total employment and production-worker estimates are published for 21 major manufacturing groups, 250 manufacturing subgroups, and 11 mining industries. Also, estimates for nonsupervisory workers are published for individual wholesale trade, retail trade, public utility, and some finance and service industries; estimates for construction workers are published for the contract construction industries; and 363 series are published for the employment of women.

Average weekly hours and average weekly and hourly earnings are available for over 350 series covering production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory workers in other selected nonmanufacturing industries. The earnings data are gross (before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received.

Agricultural employment estimates and wage rates, obtained by means of monthly mail returns, have been issued since 1909 by the Department of Agriculture and appear monthly in *Farm Labor*.

Output per man-hour.—The Bureau of Labor Statistics prepares and publishes annual measures of output per man-hour according to two broad concepts. The first, physical output per man-hour, deals with the relationship between production in physical units and man-hours used in production; the second, net output per man-hour, with the relationship between value added (at fixed prices) and man-hours. Both indexes measure the relationship between production and one factor of input—labor time. They do not measure the specific contribution of labor or capital nor do they measure increased efficiency resulting from technological changes or changes in production procedures.

The indexes of output per man-hour for selected industries are based on the physical output per man-hour concept; measurements relating to the total economy and various sectors are based on the net output per man-hour concept. These indexes are influenced by the divergent movements of various industries which make up the total, as well as by changes in the relative importance of these components.

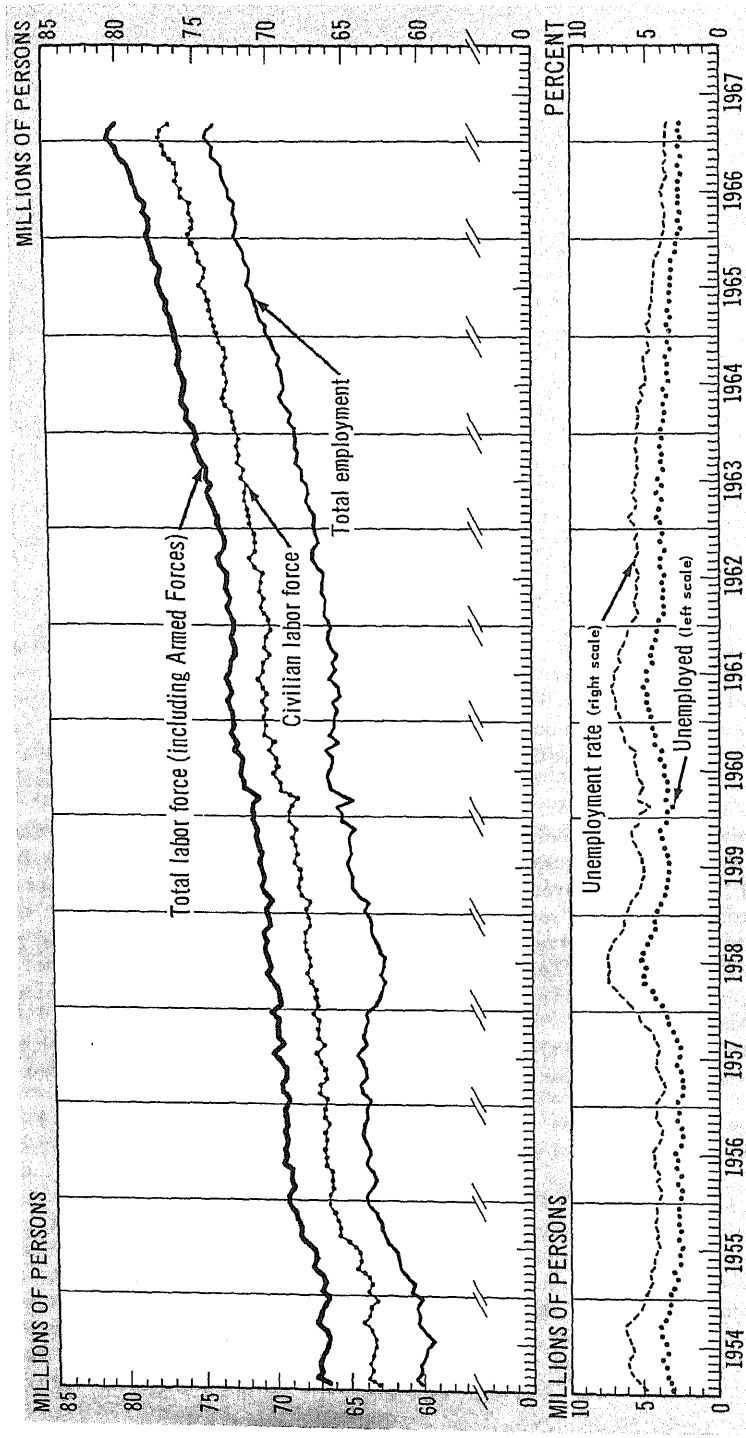
Labor turnover.—Labor turnover rates are published monthly in the *Monthly Labor Review* and in *Employment and Earnings and Monthly Report on the Labor Force* for over 220 industries on the basis of reports from cooperating establishments employing over 10 million workers (about 60 percent of the universe surveyed). Labor turnover data are available on a monthly basis from January 1930 for manufacturing as a whole. Labor turnover rates for individual industries and industry groups are available on a continuous basis only from January 1958.

Work stoppages.—Statistics on strikes are compiled by the Bureau of Labor Statistics and include stoppages, workers involved, and man-days of idleness. Basic data are obtained from the employers and unions involved in strikes. Knowledge of strikes comes from a variety of sources, including newspapers, State employment services, and State and Federal mediation services. The Bureau prepares annual reports published in the *Monthly Labor Review* and, later, in bulletin form, giving total figures for each month of the year and analyses of strikes by industry, State, city, causes, and other classifications.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. XIV. TRENDS IN THE LABOR FORCE: 1954 TO 1967

[See table 314]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data for 1954–June 1959 from Bureau of the Census; thereafter, Dept. of Labor, Bureau of Labor Statistics.

No. 314. Employment Status of the Noninstitutional Population, by Sex and Color: 1947 to 1967

[**In thousands of persons 16 years old and over, except as indicated.** Prior to 1960, excludes Alaska and Hawaii. Annual figures are averages of monthly figures. Data for 1950 and 1955 adjusted to reflect changes in definition of employment and unemployment adopted in January 1957. Beginning 1955, labor force and employment figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 Census data through March 1962 and of 1960 Census data thereafter. See *Historical Statistics, Colonial Times to 1957*, series D 1–14 and D 20, for similar but not exactly comparable data]

Year or month, sex, and color	Total noninstitutional population	Labor force							Not in labor force			
		Total, including Armed Forces	Civilian labor force						Total	Keeping house[1]	In school[1]	Other[1]
			Total	Employed			Unemployed					
				Total	Agricultural	Nonagricultural	Number	Percent				
TOTAL												
1947	103,418	60,941	59,350	57,039	7,891	49,148	2,311	3.9	42,477	32,441	6,446	6,962
1950	106,645	63,858	62,208	58,914	7,160	51,752	3,288	5.3	42,787	33,058	6,197	6,926
1955	112,732	68,072	65,023	62,168	6,449	55,718	2,852	4.4	44,660	33,722	6,569	8,201
1960	119,759	72,142	69,628	65,778	5,458	60,318	3,852	5.5	47,617	34,543	8,162	9,538
1962	122,981	73,442	70,614	66,702	4,944	61,759	3,911	5.5	49,539	35,343	9,572	10,484
1963	125,154	74,571	71,833	67,762	4,687	63,076	4,070	5.7	50,583	35,322	10,099	10,991
1964	127,224	75,830	73,091	69,305	4,523	64,782	3,786	5.2	51,394	35,454	10,510	11,208
1965	129,236	77,178	74,455	71,088	4,361	66,726	3,366	4.5	52,058	35,556	11,094	11,233
1966	131,180	78,893	75,770	72,895	3,979	68,915	2,875	3.8	52,288	35,316	11,148	11,757
Mar.	130,599	77,043	74,069	71,083	3,645	67,439	2,986	4.0	53,556	35,285	14,455	9,967
1967, Mar.	132,627	78,949	75,513	72,560	3,410	69,149	2,954	3.9	53,678	34,882	8,376	10,419
MALE												
1947	50,968	44,258	42,686	40,994	6,643	34,351	1,692	4.0	6,710	(NA)	(NA)	(NA)
1950	52,352	45,446	43,819	41,574	6,001	35,573	2,239	5.1	6,906	81	3,244	5,132
1955	55,122	47,488	44,475	42,619	5,265	37,354	1,854	4.2	7,634	76	3,313	6,042
1960	58,144	48,870	46,388	43,904	4,472	39,431	2,486	5.4	9,274	87	4,097	7,310
1962	59,626	49,395	46,600	44,177	4,069	40,108	2,423	5.2	10,231	111	4,839	8,109
1963	60,627	49,835	47,129	44,657	3,809	40,849	2,472	5.2	10,792	136	5,077	8,377
1964	61,556	50,387	47,679	45,474	3,691	41,782	2,205	4.6	11,169	139	5,219	8,589
1965	62,473	50,946	48,255	46,340	3,547	42,792	1,914	4.0	11,527	143	5,517	8,662
1966	63,351	51,560	48,471	46,919	3,243	43,675	1,551	3.2	11,792	120	5,597	8,939
Mar.	63,095	50,600	47,660	45,847	3,101	42,746	1,813	3.8	12,496	146	7,259	8,134
1967, Mar.	63,995	51,368	47,967	46,333	2,932	43,401	1,634	3.4	12,627	122	4,190	8,314
Nonwhite:[1]												
1955	[2] 5,326	(NA)	4,358	4,001	710	3,290	357	8.2	968	(NA)	(NA)	(NA)
1960	[2] 5,952	(NA)	4,728	4,220	657	3,563	508	10.7	1,223	(NA)	(NA)	(NA)
1962	[2] 6,206	(NA)	4,739	4,220	608	3,611	519	11.0	1,468	(NA)	(NA)	(NA)
1963	[2] 6,335	(NA)	4,802	4,293	527	3,766	509	10.6	1,533	(NA)	(NA)	(NA)
1964	[2] 6,439	(NA)	4,871	4,429	497	3,932	443	9.1	1,568	18	639	910
1965	[2] 6,576	(NA)	4,945	4,568	493	4,075	377	7.6	1,631	23	680	927
1966	[2] 6,686	(NA)	4,983	4,655	392	4,264	328	6.6	1,703	18	719	967
Mar.	[2] 6,664	(NA)	4,842	4,461	330	4,131	380	7.9	1,822	13	918	890
1967, Mar.	[2] 6,249	(NA)	4,803	4,461	363	4,098	342	7.1	1,446	14	549	884
FEMALE												
1947	52,450	16,683	16,664	16,045	1,248	14,797	619	3.7	35,767	(NA)	(NA)	(NA)
1950	54,293	18,412	18,389	17,338	1,159	16,179	1,049	5.7	35,881	32,977	2,954	1,794
1955	57,610	20,584	20,548	19,548	1,184	18,364	998	4.9	37,026	33,646	3,256	2,160
1960	61,615	23,272	23,240	21,874	986	20,887	1,366	5.9	38,343	34,456	4,065	2,228
1962	63,355	24,047	24,014	22,525	875	21,651	1,488	6.2	39,308	35,232	4,733	2,375
1963	64,527	24,736	24,704	23,105	878	22,227	1,598	6.5	39,791	35,185	5,021	2,615
1964	65,668	25,443	25,412	23,831	832	23,000	1,581	6.2	40,225	35,316	5,291	2,618
1965	66,763	26,232	26,200	24,748	814	23,934	1,452	5.5	40,531	35,413	5,577	2,571
1966	67,829	27,333	27,299	25,976	736	25,240	1,324	4.8	40,496	35,195	5,551	2,818
Mar.	67,504	26,444	26,410	25,236	544	24,692	1,173	4.4	41,060	35,139	7,196	1,833
1967, Mar.	68,632	27,581	27,546	26,226	478	25,748	1,319	4.8	41,051	34,760	4,186	2,105
Nonwhite:[1]												
1955	[2] 6,069	(NA)	2,697	2,495	310	2,185	202	7.5	3,372	(NA)	(NA)	(NA)
1960	[2] 6,726	(NA)	3,116	2,821	277	2,544	295	9.5	3,610	(NA)	(NA)	(NA)
1962	[2] 7,094	(NA)	3,237	2,878	221	2,657	360	11.1	3,857	(NA)	(NA)	(NA)
1963	[2] 7,271	(NA)	3,318	2,941	221	2,720	376	11.3	3,954	(NA)	(NA)	(NA)
1964	[2] 7,437	(NA)	3,421	3,052	190	2,861	369	10.8	4,016	2,970	700	346
1965	[2] 7,609	(NA)	3,503	3,179	181	2,998	324	9.3	4,106	3,017	765	324
1966	[2] 7,784	(NA)	3,634	3,313	136	3,177	321	8.8	4,150	3,001	790	360
Mar.	[2] 7,729	(NA)	3,448	3,192	57	3,135	256	7.4	4,282	3,017	1,022	243
1967, Mar.	[2] 7,417	(NA)	3,556	3,248	57	3,191	308	8.7	3,860	2,942	613	305

NA Not available. [1] 1947–1966, persons 14 years old and over. [2] Civilian noninstitutional population.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 315. Labor Force, by Age and Sex: 1945 to 1967

[**In thousands of persons 14 years old and over, except as noted.** Prior to 1960, excludes Alaska and Hawaii. Includes Armed Forces abroad. See headnote, table 314. See also *Historical Statistics, Colonial Times to 1957*, series D 13-25]

Year or month	Male						Female					
	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over	Total	14 to 19 years	20 to 24 years	25 to 44 years	45 to 64 years	65 and over
1945	46,020	4,530	5,760	19,900	13,370	2,460	19,280	2,720	3,300	8,350	4,420	490
1950	46,069	3,444	5,224	20,996	13,952	2,453	18,680	1,982	2,681	8,267	5,167	584
1955	48,054	3,378	4,851	22,297	15,002	2,526	20,842	1,987	2,458	9,069	6,546	780
1960	49,507	3,821	5,089	22,270	16,039	2,287	23,619	2,409	2,590	9,447	8,266	907
1964	51,118	4,307	5,704	22,195	16,788	2,123	25,854	2,732	3,220	9,805	9,129	966
1965	51,705	4,591	5,926	22,157	16,899	2,131	26,653	2,940	3,375	10,060	9,301	976
1966	52,350	4,913	6,139	22,156	17,054	2,089	27,814	3,361	3,601	10,277	9,612	963
March [1]	50,600	3,550	5,939	22,141	16,950	2,020	26,444	2,382	3,460	10,128	9,442	1,030
1967, March [1]	51,368	3,717	6,303	22,230	17,130	1,990	27,581	2,559	3,852	10,573	9,626	973

[1] Persons 16 years old and over.

Source: 1945-June 1959, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50 and P-57. Beginning July 1959, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 316. Labor Force—Total, and Participation Rates, by Color, Sex, and Age: 1960, 1965, and Projections, 1970 to 1980

[**In thousands of persons 14 years old and over, except percent.** Annual averages. Rate is based on total population as of July 1 and represents the proportion of each age group in the labor force (employed, unemployed, or in the Armed Forces). Projections based on trends in labor force participation rates between 1947 and 1964]

Color, sex, and age	Total labor force					Participation rates (percent)				
	1960 [1]	1965	1970	1975	1980	1960 [1]	1965	1970	1975	1980
Total	**73,081**	**78,357**	**85,999**	**93,646**	**101,408**	**57.4**	**56.7**	**57.5**	**57.8**	**58.3**
White	65,057	69,678	76,272	82,714	89,137	57.0	56.4	57.2	57.6	58.2
Nonwhite	8,024	8,680	9,725	10,931	12,273	60.6	58.8	59.2	59.2	59.3
Male	**49,563**	**51,705**	**55,844**	**60,281**	**64,981**	**79.7**	**76.9**	**77.0**	**76.9**	**77.2**
White	44,666	46,531	50,027	53,737	57,596	80.0	77.4	77.3	77.2	77.5
Nonwhite	4,897	5,174	5,815	6,543	7,387	77.0	73.3	74.3	74.5	75.0
14 to 19 years	3,792	4,591	5,164	5,589	5,744	46.3	43.8	44.4	44.4	44.8
14 to 17 years	1,952	2,336	2,574	2,717	2,716	34.4	32.6	32.3	32.1	32.0
18 and 19 years	1,840	2,254	2,590	2,872	3,028	73.1	68.3	70.3	69.8	70.2
20 to 24 years	4,939	5,926	7,466	8,331	9,064	88.9	86.2	86.6	86.7	87.2
25 to 34 years	10,940	10,653	12,063	14,966	17,590	96.4	96.0	96.2	90.2	96.2
35 to 44 years	11,454	11,504	10,930	10,703	12,084	96.4	96.2	96.7	96.7	96.7
45 to 54 years	9,568	10,131	10,725	10,810	10,219	94.3	94.3	95.0	95.0	95.0
55 to 64 years	6,445	6,768	7,388	7,795	8,184	85.2	83.2	84.3	83.9	83.7
65 years and over	2,425	2,131	2,108	2,087	2,096	32.2	26.9	25.1	23.4	21.8
Female	**23,518**	**26,653**	**30,155**	**33,365**	**36,427**	**36.1**	**37.5**	**39.1**	**39.9**	**40.6**
White	20,391	23,147	26,245	28,977	31,541	35.0	36.5	38.3	39.2	40.0
Nonwhite	3,127	3,506	3,910	4,388	4,886	45.5	45.6	45.4	45.3	45.0
14 to 19 years	2,408	2,940	3,406	3,739	3,832	30.1	28.9	30.1	30.6	31.0
14 to 17 years	1,148	1,375	1,594	1,711	1,711	20.8	19.8	20.7	20.8	20.9
18 and 19 years	1,260	1,565	1,812	2,028	2,121	51.0	48.6	50.6	50.6	50.8
20 to 24 years	2,558	3,375	4,267	4,865	5,380	46.1	49.7	50.3	51.5	52.6
25 to 34 years	4,159	4,336	4,894	6,124	7,347	35.8	38.5	38.6	39.3	40.3
35 to 44 years	5,325	5,724	5,555	5,582	6,386	43.1	45.9	47.5	49.0	50.0
45 to 54 years	5,150	5,714	6,675	7,024	6,805	49.3	50.5	55.3	57.6	59.5
55 to 64 years	2,964	3,587	4,267	4,826	5,337	36.7	40.6	43.8	45.7	47.3
65 years and over	954	976	1,091	1,205	1,340	10.5	9.5	9.8	9.8	9.9

[1] Based on revised population estimates; differ from figures in tables 314 and 315.

Source: Dept. of Labor, Bureau of Labor Statistics; *Projections of the Labor Force, 1970-80, Labor Force Projections, by Color, 1970-80*, and *Special Labor Force Report*, Nos. 49 and 73.

No. 317. Unemployed and Part-Time Employed—Summary: 1950 to 1967

[**In thousands of persons 14 years old and over, except as indicated.** Prior to 1960, excludes Alaska and Hawaii. Data for 1950 and 1955 have not been adjusted to reflect changes in definition of employment and unemployment adopted in January 1957. Through March 1960, 1950 Census population data used in estimation; thereafter, 1960 Census. See *Historical Statistics, Colonial Times to 1957*, series D 46 and D 47, for total unemployed and rate]

SUBJECT	1950	1955	1960	1964	1965	1966		1967, March [1]
						Total	March [1]	
UNEMPLOYED								
Total	**3,142**	**2,654**	**3,931**	**3,876**	**3,456**	**2,976**	**2,986**	**2,954**
Color:								
White	(NA)	2,095	3,127	3,064	2,754	2,327	2,357	2,304
Nonwhite	(NA)	558	804	812	702	649	628	650
Age and sex:								
14 to 19 years	543	471	792	962	965	938	698	648
Percent of total unemployed	17.3	17.7	20.1	24.8	27.9	31.5	23.4	21.9
Male	339	292	480	553	545	503	411	372
Female	204	179	310	409	420	435	287	276
20 to 24 years	526	354	583	660	557	445	477	498
Percent of total unemployed	16.7	13.3	14.8	17.0	16.1	15.0	16.0	16.9
Male	358	224	369	384	311	221	284	241
Female	168	131	214	276	246	224	193	257
25 to 44 years	1,145	1,001	1,424	1,211	1,076	865	985	968
Percent of total unemployed	36.4	37.7	36.2	31.2	31.1	29.1	33.0	32.8
Male	761	630	907	668	577	457	583	492
Female	384	371	516	543	499	408	402	476
45 to 64 years	799	720	1,009	926	758	636	729	752
Percent of total unemployed	25.4	27.1	25.7	23.9	21.9	21.4	24.4	25.5
Male	585	512	686	581	474	377	462	466
Female	214	208	323	345	284	259	267	286
65 years and over	131	109	121	118	102	92	96	90
Percent of total unemployed	4.2	4.1	3.1	3.0	3.0	3.1	3.2	3.0
Male	112	94	96	85	75	65	74	63
Female	18	14	25	33	27	27	22	27
Unemployment rate (percent): [2]								
All workers	5.0	4.0	5.6	5.2	4.6	3.9	4.0	3.9
White	4.6	3.6	5.0	4.6	4.1	3.4	3.6	3.5
Male	4.5	3.4	4.8	4.2	3.6	2.9	3.4	3.0
Female	4.9	3.9	5.3	5.5	5.0	4.3	4.0	4.2
Nonwhite	8.5	7.9	10.2	9.8	8.3	7.5	7.4	7.9
Male	8.9	8.2	10.7	9.1	7.6	6.6	7.9	7.1
Female	7.8	7.5	9.5	10.8	9.3	8.8	7.4	8.7
Blue-collar workers	7.2	5.8	7.8	6.3	5.3	4.2	5.1	5.0
White-collar workers	2.8	1.8	2.6	2.6	2.3	2.0	1.9	2.1
Experienced wage and salary workers	5.6	4.3	5.7	5.0	4.2	3.5	4.1	3.8
Married men, wife present	(NA)	2.6	3.7	2.8	2.4	1.9	2.4	2.2
Percent without work for—								
4 weeks or less	41.6	42.8	45.8	46.1	49.7	55.0	43.4	47.7
5 to 10 weeks	24.0	22.5	20.9	20.6	20.5	20.1	20.4	21.0
11 to 14 weeks	9.6	8.2	9.0	8.2	8.0	6.9	11.2	12.4
15 to 26 weeks	13.5	13.8	12.8	12.6	11.7	9.9	14.5	12.0
Over 26 weeks	11.4	12.7	11.5	12.4	10.2	8.1	10.4	7.0
Average duration of unemployment...wks.	12.1	13.2	12.8	13.3	11.8	10.2	12.5	10.2
PART-TIME EMPLOYED [3]								
Total	**(NA)**	**(NA)**	**2,860**	**2,455**	**2,209**	**1,960**	**1,813**	**2,212**
Agriculture	(NA)	(NA)	300	318	281	246	249	234
Nonagricultural industries	(NA)	(NA)	2,560	2,137	1,928	1,714	1,564	1,978

NA Not available. [1] Persons 16 years old and over. [2] Percent of civilian labor force in specified group. [3] Persons who worked less than 35 hours during survey week for economic reasons, such as slack work, material shortages or repairs, new job started, job terminated, or only part-time work found. Excludes persons with a job but not at work because of vacation, illness, bad weather, or industrial dispute.

No. 318. Persons With a Job but Not at Work: 1950 to 1967

[**In thousands of persons 14 years old and over, except as indicated.** Prior to 1960, excludes Alaska and Hawaii. See headnote, table 314]

YEAR OR MONTH	ALL INDUSTRIES		Agriculture	Nonagricultural industries	REASON FOR NOT WORKING, ALL INDUSTRIES				
	Number	Percent of employed			Bad weather	Industrial dispute	Vacation	Illness	All others
1950	2,440	4.1	220	2,219	151	85	1,137	718	349
1955	2,682	4.3	184	2,497	103	61	1,268	835	416
1960	3,231	4.8	190	3,042	168	40	1,576	942	505
1965	3,525	4.9	157	3,368	79	48	1,738	1,039	621
1966	3,612	4.9	134	3,478	92	66	1,759	1,042	653
March [1]	2,368	3.3	123	2,245	93	57	407	1,228	582
1967, March [1]	2,513	3.5	137	2,376	144	45	587	1,190	547

[1] Persons 16 years old and over.

Source of tables 317 and 318: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and unpublished data.

No. 319. Employees in Nonagricultural Establishments: 1940 to 1967

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, self-employed persons, farm workers, unpaid family workers, domestic servants, and personnel of Armed Forces. Data are annual averages adjusted to March 1965 benchmark levels indicated by data from Government social insurance programs. See *Historical Statistics, Colonial Times to 1957*, series D 48-56, for related data]

Year or month	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
1940	32,376	925	1,294	10,985	3,038	6,750	1,502	3,681	4,202
1945	40,394	836	1,132	15,524	3,906	7,314	1,497	4,241	5,944
1950	45,222	901	2,333	15,241	4,034	9,386	1,919	5,382	6,026
1955	50,675	792	2,802	16,882	4,141	10,535	2,335	6,274	6,914
1960	54,234	712	2,885	16,796	4,004	11,391	2,669	7,423	8,353
1961	54,042	672	2,816	16,326	3,903	11,337	2,731	7,664	8,594
1962	55,596	650	2,902	16,853	3,906	11,566	2,800	8,028	8,890
1963	56,702	635	2,963	16,995	3,903	11,778	2,877	8,325	9,225
1964	58,332	634	3,050	17,274	3,951	12,160	2,957	8,709	9,596
1965	60,770	632	3,181	18,032	4,033	12,683	3,019	9,098	10,091
1966	63,864	628	3,281	19,081	4,137	13,220	3,086	9,582	10,850
March	62,243	620	2,981	18,651	4,056	12,826	3,043	9,331	10,735
1967, March	64,628	610	2,896	19,161	4,168	13,317	3,137	9,841	11,498

No. 320. Civilians Employed, by Hours Worked: 1950 to 1967

[In thousands of persons 14 years old and over, except as noted. During the survey week in May. Prior to 1960, excludes Alaska and Hawaii]

Year	Employed in agriculture						Employed in nonagricultural industries					
	Total	Hours worked				With a job but not at work [1]	Total	Hours worked				With a job but not at work [1]
		1 to 14	15 to 34	35 or more				1 to 14	15 to 34	35 or more		
				Total	Percent					Total	Percent	
1950	8,036	292	1,613	5,970	74.3	161	51,445	1,949	5,149	43,033	83.6	1,314
1955	6,945	263	1,372	5,176	74.5	134	55,536	2,440	5,618	45,832	82.5	1,646
1960	5,837	366	1,254	4,129	70.7	89	61,371	3,578	7,203	48,594	79.2	1,997
1964	5,007	378	1,089	3,448	68.9	92	66,094	4,466	7,817	51,505	77.9	2,304
1965	5,128	394	1,162	3,475	67.8	97	67,278	4,403	7,563	53,008	78.8	2,304
1966	4,292	386	995	2,806	65.4	105	69,472	4,362	8,409	54,391	78.3	2,310
1967 [2]	3,825	286	867	2,577	67.4	95	69,812	3,827	9,646	53,950	77.3	2,390

[1] Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons. [2] Persons 16 years old and over.

Source of tables 319 and 320: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and unpublished data.

No. 321. Persons With Two or More Jobs: 1965 and 1966

[In thousands of persons 14 years old and over, except percent. As of May]

Year and industry and class of worker of primary job	Persons with 2 or more jobs		Industry and class of worker of secondary job					
			Agriculture			Nonagricultural industries		
	Total	Rate of multiple job-holding [1]	Total	Wage and salary	Self-employed	Total	Wage and salary	Self-employed
1965	3,756	5.2	786	167	619	2,970	2,389	581
1966	3,636	4.9	721	139	582	2,915	2,335	580
Agriculture	335	7.8	120	83	37	215	212	3
Wage and salary workers	88	6.6	56	19	37	32	29	3
Self-employed workers	200	8.9	49	49	–	151	151	–
Unpaid family workers	47	6.6	15	15	–	32	32	–
Nonagricultural industries	3,301	4.8	601	56	545	2,700	2,123	577
Wage and salary workers	3,110	5.0	599	54	545	2,511	1,934	577
Self-employed workers	177	2.8	2	2	–	175	175	–
Unpaid family workers	14	2.5	–	–	–	14	14	–

– Represents zero. [1] Percent of all employed persons in industry—class-of-worker group.

Source: Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, No. 63 and forthcoming report.

No. 322. Employees in Nonagricultural Establishments, Annual Averages—States: 1960, 1965, and 1966

[**In thousands.** For coverage, see headnote, table 319. National totals differ from the sum of the State figures because a few States prepare combinations of industries, some States have more recent benchmark levels than others, and methods of computation may vary slightly among the States]

State	Total			Industry, 1966							
	1960	1965	1966	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service and miscellaneous	Government
U.S.	54,234	60,770	63,864	628	3,281	19,081	4,137	13,220	3,086	9,582	10,850
N.E.:											
Maine	278	294	307	(1)	15	115	17	58	10	[1] 35	57
N.H.	198	217	231	(Z)	11	96	10	41	9	36	28
Vt.	107	120	129	1	7	44	7	23	5	23	19
Mass.	1,910	2,019	2,095	(1)	88	694	107	434	111	[1] 383	278
R.I.	292	317	329	(1)	14	127	15	60	14	[1] 50	49
Conn.	917	1,031	1,095	(2)	[2] 52	472	48	196	61	144	122
M.A.:											
N.Y.	6,182	6,520	6,721	9	260	1,903	483	1,370	509	1,178	1,009
N.J.	2,018	2,256	2,352	3	111	874	162	459	103	329	311
Pa.	3,717	3,920	4,082	42	180	1,557	267	747	165	575	549
E.N.C.:											
Ohio	3,147	3,357	3,528	19	157	1,399	207	677	134	451	484
Ind.	1,431	1,631	1,730	8	79	716	95	332	66	179	255
Ill.	3,522	3,864	4,072	25	171	1,391	282	868	205	597	533
Mich.	2,351	2,674	2,801	14	112	1,139	139	534	98	343	422
Wis.	1,192	1,332	1,395	3	65	507	76	288	53	188	215
W.N.C.:											
Minn.	960	1,082	1,142	15	64	283	82	272	54	172	200
Iowa	681	755	807	3	41	212	51	197	37	121	145
Mo.	1,346	1,476	1,544	8	77	443	120	342	83	229	242
N.Dak.	126	146	148	2	10	9	12	42	6	25	42
S.Dak.	142	152	154	2	7	14	10	42	7	26	46
Nebr.	381	416	432	2	23	75	36	109	26	70	91
Kans.	559	599	629	13	32	138	51	143	26	88	138
S.A.:											
Del.	154	184	192	(1)	14	70	11	38	8	[1] 25	26
Md.	896	1,060	1,135	3	84	279	74	251	58	184	[3] 202
D.C.	536	618	641	(1)	24	21	31	89	32	[1] 119	[3] 325
Va.	1,018	1,219	1,285	15	94	339	88	266	57	176	[3] 250
W. Va.	460	477	492	47	25	132	41	87	14	58	88
N.C.	1,196	1,426	1,502	3	90	636	77	269	55	164	208
S.C.	583	686	734	2	48	314	30	120	25	74	121
Ga.	1,051	1,257	1,323	6	71	427	88	277	63	149	242
Fla.	1,321	1,619	1,718	11	137	276	116	455	101	296	326
E.S.C.:											
Ky.	654	758	800	30	50	220	56	162	31	105	146
Tenn.	926	1,107	1,189	7	64	427	60	231	48	153	199
Ala.	776	885	929	8	55	292	52	173	38	123	188
Miss.	404	485	519	6	31	166	27	97	18	60	114
W.S.C.:											
Ark.	367	455	487	5	33	148	31	97	19	63	91
La.	790	906	963	51	89	167	89	214	43	129	181
Okla.	582	648	682	42	35	114	48	153	32	91	167
Tex.	2,532	2,925	3,096	107	204	620	235	750	159	460	561
Mt.:											
Mont.	167	181	185	7	11	24	18	44	7	27	47
Idaho	155	178	184	4	10	35	14	45	7	27	42
Wyo.	97	98	98	9	7	7	10	21	4	13	27
Colo.	515	591	623	13	38	98	46	145	32	102	149
N. Mex.	236	263	272	16	19	18	20	57	11	50	81
Ariz.	334	404	431	16	24	77	26	98	22	69	99
Utah	265	301	319	12	16	50	22	70	13	45	91
Nev.	103	157	161	4	9	7	11	31	6	63	30
Pac.:											
Wash.	813	897	987	2	55	265	66	213	47	133	206
Oreg.	509	607	637	2	34	166	47	143	29	91	125
Calif.	4,896	5,772	6,105	33	304	1,521	407	1,323	319	1,001	1,197
Alaska	57	71	73	1	6	7	7	11	2	8	31
Hawaii	189	219	234	(1)	19	25	17	54	14	[1] 42	63

Z Less than 500. [1] "Mining" combined with "Service and miscellaneous." [2] "Mining" combined with "Contract construction." [3] Federal employment in the Maryland and Virginia sectors of the Washington, D.C., Standard Metropolitan Statistical Area is included in District of Columbia.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*. Compiled from data supplied by cooperating State agencies.

No. 323. Nonagricultural Industries—Number of Employees, and Number, Hours, and Earnings of Production Workers: 1960 and 1966

[**Number in thousands.** Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for contract construction industries, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 319. See *Historical Statistics, Colonial Times to 1957*, series D 48-56, D 626-641, and D 669-684, for related but not comparable data]

INDUSTRY	All employees, average annual number		PRODUCTION WORKERS					
			Average annual number		Average weekly hours		Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
Total	54,234	63,864	(X)	(X)	(X)	(X)	(X)	(X)
Mining	712	628	570	488	40.4	42.7	$2.61	$3.05
Metal mining	94	86	77	71	41.8	42.2	2.66	3.17
Coal mining	186	139	165	121	35.5	[1] 40.3	3.11	[1] 3.61
Crude petroleum and natural-gas	309	283	226	197	42.0	42.6	2.46	2.87
Quarrying and nonmetallic mining	123	121	103	100	43.7	45.7	2.21	2.69
Contract construction	2,885	3,281	2,459	2,789	36.7	37.6	3.08	3.87
General building contractors	908	1,057	785	911	35.4	36.3	2.93	3.74
Heavy construction	586	656	512	566	40.6	41.0	2.84	3.54
Special trade contractors	1,391	1,568	1,162	1,312	35.9	37.0	3.29	4.12
Manufacturing	16,796	19,081	12,586	14,199	39.7	41.3	2.26	2.71
Durable goods	9,459	11,186	7,028	8,301	40.1	42.1	2.43	2.89
Ordnance and accessories	220	256	102	120	40.9	42.3	2.65	3.20
Lumber and wood products (except furniture)[2]	627	622	561	544	39.0	40.8	1.89	2.27
Logging camps and logging contractors	91	97	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sawmills and planing mills	288	249	262	227	39.3	40.5	1.71	2.11
Millwork, plywood, and related products	147	164	124	138	39.8	41.2	2.05	2.41
Wooden containers	42	35	38	32	39.5	41.5	1.57	1.83
Furniture and fixtures [2]	383	456	319	378	40.0	41.4	1.88	2.20
Household furniture	272	330	233	282	39.8	41.1	1.77	2.08
Office furniture	28	33	22	26	41.1	43.2	2.21	2.59
Partitions: office and store fixtures	40	46	30	34	40.3	42.0	2.40	2.76
Stone, clay, and glass products [2]	604	641	492	515	40.6	42.0	2.28	2.72
Flat glass	33	33	29	26	40.4	42.6	3.16	3.60
Glass and glassware, pressed or blown	107	123	90	107	39.8	41.0	2.31	2.72
Cement, hydraulic	43	38	35	29	40.5	41.7	2.54	3.18
Structural clay products	76	69	66	58	40.3	41.1	2.04	2.36
Pottery and related products	47	43	40	37	38.2	39.7	2.12	2.49
Concrete, gypsum, and plaster products	160	179	127	138	42.1	43.9	2.21	2.67
Primary metal industries [2]	1,231	1,326	994	1,081	39.0	42.1	2.81	3.28
Blast furnace and basic steel products	651	649	528	529	38.2	41.0	3.04	3.53
Iron and steel foundries	205	236	173	202	38.8	43.0	2.49	2.98
Nonferrous smelting and refining	70	78	54	60	41.1	42.2	2.63	3.08
Nonferrous rolling, drawing, and extruding	179	208	136	161	40.7	44.1	2.58	3.09
Nonferrous foundries	66	87	55	73	39.8	42.2	2.44	2.83
Fabricated metal products [2]	1,135	1,352	874	1,052	40.5	42.4	2.43	2.87
Metal cans	62	63	54	53	41.4	43.2	2.77	3.25
Cutlery, hand tools, and general hardware	135	163	106	129	40.1	41.5	2.31	2.75
Heating equipment and plumbing fixtures	78	80	58	60	38.9	40.5	2.34	2.72
Fabricated structural metal products	340	399	242	291	40.6	42.1	2.45	2.86
Screw machine products, bolts, etc	87	108	69	86	40.5	44.8	2.35	2.86
Metal stampings	195	238	159	195	41.6	43.1	2.60	3.09
Coating, engraving, and allied services	64	83	54	70	40.2	41.9	2.15	2.55
Machinery [2]	1,479	1,868	1,036	1,314	41.0	43.8	2.55	3.08
Engines and turbines	86	96	56	66	39.6	42.8	2.77	3.34
Farm machinery and equipment	112	146	78	108	40.1	41.9	2.47	3.11
Construction and related machinery	221	274	146	188	40.1	43.1	2.56	3.09
Metalworking machinery and equipment	261	332	196	252	42.8	46.3	2.74	3.31
Special-industry machinery	168	202	118	140	41.9	44.0	2.38	2.88
General industrial machinery	227	278	157	187	40.2	43.9	2.53	3.07
Office, computing, and accounting machines	147	214	96	127	40.7	42.5	2.61	3.09
Service-industry machines	100	116	70	81	40.1	41.6	2.33	2.79
Electrical equipment and supplies [2]	1,467	1,893	996	1,316	39.8	41.2	2.28	2.64
Electrical distribution equipment	164	192	109	132	40.4	42.1	2.43	2.78
Electrical industrial apparatus	181	213	124	152	40.1	42.4	2.37	2.78
Household appliances	155	182	119	144	39.6	41.4	2.43	2.87
Electric lighting and wiring equipment	138	191	107	149	39.4	40.8	2.15	2.50

See footnotes at end of table.

No. 323. Nonagricultural Industries—Number of Employees, and Number, Hours, and Earnings of Production Workers: 1960 and 1966—Con.

[Number in thousands]

Industry	All employees, average annual number		Production worker: Average annual number		Production worker: Average weekly hours		Production worker: Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
Manufacturing—Continued								
Durable goods—Continued								
Electrical equipment and supplies [2]—Con.								
Radio and TV receiving sets	107	169	79	135	38.8	40.0	$2.06	$2.33
Communication equipment	382	465	207	234	40.4	41.7	2.44	2.90
Electronic components and accessories	234	374	170	287	39.5	40.4	1.93	2.27
Transportation equipment [2]	1,569	1,906	1,107	1,355	47.0	42.6	2.74	3.33
Motor vehicles and equipment	724	863	563	671	41.0	42.8	2.81	3.44
Aircraft and parts	628	756	370	448	40.9	43.3	2.70	3.30
Ship and boat building and repairing	141	172	117	143	39.3	41.4	2.64	3.16
Railroad equipment	43	60	32	47	38.7	40.8	2.77	3.36
Instruments and related products	354	427	233	275	40.4	42.0	2.31	2.70
Engineering and scientific instruments	76	74	43	39	41.4	43.0	2.68	3.08
Mechanical measuring and control devices	93	105	62	69	40.0	42.1	2.30	2.73
Optical and ophthalmic goods	41	49	31	35	40.1	41.6	2.03	2.45
Surgical, medical, and dental equipment	48	65	33	45	40.0	40.7	2.00	2.32
Photographic equipment and supplies	69	97	41	56	41.2	43.4	2.56	3.08
Watches and clocks	28	37	22	30	39.0	40.8	1.97	2.24
Miscellaneous manufacturing industries [2]	390	440	314	352	39.3	40.0	1.89	2.22
Jewelry, silverware, and plated ware	44	48	34	38	40.2	41.4	2.00	2.47
Toys, amusement, and sporting goods	100	122	84	102	38.7	39.4	1.76	2.00
Pens, pencils, office and art materials	30	36	23	26	39.3	40.3	1.83	2.15
Costume jewelry, buttons, and notions	60	58	49	48	38.9	39.6	1.70	2.04
Nondurable goods	7,336	7,896	5,559	5,898	39.2	40.2	2.05	2.45
Food and kindred products [2]	1,790	1,761	1,212	1,166	40.8	41.2	2.11	2.52
Meat products	323	320	260	255	40.7	41.1	2.32	2.69
Dairy products	316	279	169	127	42.3	42.3	2.13	2.58
Canned and preserved food, except meat	246	277	210	234	38.6	39.5	1.78	2.10
Grain-mill products	131	124	92	87	44.3	45.1	2.12	2.63
Bakery products	301	281	173	163	40.0	40.3	2.10	2.59
Sugar	36	37	30	30	43.1	42.4	2.23	2.70
Confectionery and related products	78	76	62	62	39.4	39.7	1.76	2.19
Beverages	217	227	118	117	40.3	41.1	2.40	2.90
Tobacco manufactures [2]	94	84	83	71	38.2	38.8	1.70	2.19
Cigarettes	38	39	33	32	38.6	39.2	2.08	2.69
Cigars	28	22	26	21	37.4	37.2	1.44	1.77
Textile mill products [2]	924	951	835	848	39.5	41.9	1.61	1.96
Cotton broad woven fabrics	254	237	238	218	40.1	43.2	1.56	1.98
Silk and synthetic broad woven fabrics	84	95	77	86	41.4	43.3	1.65	2.01
Weaving and finishing broad woolens	56	44	49	39	40.6	42.7	1.72	2.05
Narrow fabrics and small wares	28	32	24	28	39.8	41.8	1.66	1.92
Knitting	215	234	195	210	37.7	38.7	1.51	1.85
Finishing textiles, except wool and knit	77	76	67	64	40.3	43.2	1.78	2.12
Floor covering	38	42	32	35	39.9	42.1	1.76	1.98
Yarn and thread	103	115	95	107	38.7	42.4	1.50	1.83
Apparel and related products [2]	1,233	1,396	1,098	1,240	35.4	36.4	1.59	1.89
Men's and boys' suits and coats	120	121	107	108	36.9	38.3	1.85	2.24
Men's and boys' furnishings	304	366	276	331	36.5	37.2	1.33	1.59
Women's, misses', and juniors' outerwear	371	426	335	381	33.2	34.2	1.77	2.08
Women's, children's undergarments	118	126	104	112	35.8	36.9	1.45	1.71
Hats, caps, and millinery	35	28	31	25	35.2	36.5	1.72	1.95
Girls' and children's	77	80	68	72	35.3	36.2	1.46	1.74
Fur goods and miscellaneous apparel	70	79	61	68	35.6	36.8	1.68	2.00
Paper and allied products	601	671	480	522	42.1	43.4	2.26	2.75
Paper and pulp	223	219	180	173	43.4	44.8	2.43	3.02
Paperboard	69	69	56	54	43.1	45.3	2.44	3.06
Converted paper and paperboard products	132	171	102	125	40.8	41.9	2.04	2.48
Paperboard containers and boxes	177	212	141	169	41.1	42.5	2.10	2.55
Printing, publishing, and allied industries [2]	911	1,026	589	652	38.4	38.8	2.68	3.16
Newspapers	325	354	168	179	36.7	36.3	2.88	3.44
Periodicals	70	73	30	26	39.7	40.1	2.75	3.24
Books	70	88	42	55	40.6	41.8	2.36	2.74
Commercial printing	291	326	231	256	39.2	39.8	2.65	3.17
Bookbinding and related industries	47	55	38	45	38.1	39.0	2.07	2.42

See footnotes at end of table.

No. 323. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER, HOURS, AND EARNINGS OF PRODUCTION WORKERS: 1960 AND 1966—Con.

[Number in thousands]

INDUSTRY	All employees, average annual number		PRODUCTION WORKERS					
			Average annual number		Average weekly hours		Average hourly earnings	
	1960	1966	1960	1966	1960	1966	1960	1966
Manufacturing—Continued								
Nondurable goods—Continued								
Chemicals and allied products [2]	828	954	510	571	41.3	42.1	$2.50	$2.98
Industrial chemicals	284	300	168	170	41.6	42.3	2.82	3.32
Plastics materials and synthetics	155	209	105	138	41.5	42.4	2.51	2.95
Drugs	109	127	60	67	40.3	40.8	2.25	2.77
Soap, cleaners, and toilet goods	91	108	55	66	40.6	41.5	2.35	2.89
Paints, varnishes, and allied products	63	67	37	37	40.7	41.7	2.34	2.82
Agricultural chemicals	46	55	32	35	42.9	43.5	1.93	2.41
Petroleum refining and related industries	212	183	138	114	41.1	42.4	2.89	3.41
Petroleum refining	177	147	113	89	40.8	42.1	3.02	3.60
Other petroleum and coal products	35	36	25	25	42.6	43.4	2.32	2.77
Rubber and miscellaneous plastics products [2]	379	513	293	401	39.9	42.0	2.32	2.66
Tires and inner tubes	105	108	77	76	39.4	44.4	2.96	3.08
Leather and leather products [2]	363	357	321	313	36.9	38.6	1.64	1.94
Leather tanning and finishing	34	32	30	28	39.3	40.7	2.08	2.50
Footwear, except rubber	243	237	216	210	36.5	38.4	1.59	1.87
Transportation and public utilities	4,004	4,137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Railroad transportation	885	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Class I railroads [3]	781	625	(NA)	(NA)	41.7	[4] 44.0	2.61	[4] 3.08
Local and interurban passenger transit	284	265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Motor freight transportation and storage	856	1,009	786	919	41.5	42.5	2.51	3.18
Air transportation	191	248	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pipeline transportation	23	19	20	16	40.3	41.0	3.09	3.69
Other transportation	310	321	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Communication	840	924	688	731	39.6	40.6	2.36	2.92
Telephone	706	773	582	616	39.6	40.6	2.26	2.79
Telegraph	38	33	28	23	[5] 42.2	43.1	[5] 2.37	2.97
Radio and television broadcasting	92	111	78	90	38.7	39.8	3.13	3.80
Electric, gas, and sanitary services	615	635	545	551	41.0	41.5	2.65	3.30
Electric companies and systems	253	258	219	219	41.3	41.7	2.66	3.35
Gas companies and systems	155	157	139	136	40.6	41.1	2.47	3.06
Combined utility systems	175	178	159	159	41.0	41.7	2.86	3.50
Water, steam, and sanitary systems	33	42	29	37	41.4	41.2	2.17	2.68
Wholesale and retail trade	11,391	13,220	[6] 8,766	11,789	[6] 39.1	37.1	[6] 1.81	2.13
Wholesale trade	3,004	3,459	2,605	2,929	40.5	40.7	2.24	2.73
Retail trade [2]	8,388	9,761	[6] 6,161	8,860	[6] 38.5	35.9	[6] 1.62	1.91
General merchandise stores	1,568	1,975	1,452	1,816	34.8	33.3	1.41	1.83
Food stores	1,356	1,553	1,273	1,442	36.3	33.9	1.68	2.13
Apparel and accessories stores	619	659	566	593	34.8	32.9	1.46	1.79
Furniture and appliance stores	400	427	361	376	41.2	39.4	1.82	2.29
Eating and drinking places	1,654	2,015	(NA)	1,881	(NA)	34.0	(NA)	[7] 1.40
Finance, insurance, and real estate	2,669	3,086	(NA)	[8] 2,466	(NA)	[8] 37.3	(NA)	[8] 2.48
Banking	673	820	574	684	37.1	37.2	1.81	2.21
Credit agencies other than banks	261	334	(NA)	266	(NA)	37.7	(NA)	2.28
Security dealers and exchanges	114	140	107	123	(NA)	37.3	(NA)	3.71
Insurance carriers	832	901	757	636	(NA)	37.2	(NA)	2.67
Insurance agents, brokers, and services	196	240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Real estate	517	569	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other finance, insurance, and real estate	76	82	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Service and miscellaneous [2]	7,423	9,582	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hotels and lodging places	565	665	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Personal services	894	1,004	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Misc. business services	757	1,207	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Motion pictures	190	185	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Medical services	1,548	2,235	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Government	8,353	10,850	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Federal	2,270	2,565	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local	6,083	8,284	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] 11-month average.
[2] Includes industries not shown separately.
[3] Relates to railroads with operating revenues of $5,000,000 or more, beginning January 1965.
[4] 8-month average. [5] Excludes messengers.
[6] Excludes eating and drinking places. [7] Money payments only; excludes tips.
[8] Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 324. Marital Status of Women in the Civilian Labor Force: 1940 to 1966

[**Persons 14 years old and over, except percent.** As of March, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Includes institutional population. Figures for 1940 based on complete census revised for comparability with intercensal series. Data for 1944–1966 based on Current Population Survey; see text, p. 1. Beginning 1954, figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 Census data through 1961, and of 1960 Census data beginning March 1962. See table 32. See also *Historical Statistics, Colonial Times to 1957*, series D 33–35]

Year	Female labor force (1,000)					Percent distribution of female labor force			Female labor force as percent of female population, 14 and over				
	Total	Single	Married		Widowed or divorced	Single	Married	Widowed or divorced	Total	Single	Married		Widowed or divorced
			Total	Husband present							Total	Husband present	
1940	13,840	6,710	5,040	[1] 4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 [1]	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 [1]	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1954 [1]	19,726	5,412	11,209	9,923	3,105	27.4	56.8	15.7	33.1	49.0	28.1	26.6	36.0
1955 [1]	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1956	20,842	5,167	12,278	11,126	3,397	24.8	58.9	16.3	34.2	46.4	30.2	29.0	36.9
1957	21,524	5,378	12,696	11,529	3,450	25.0	59.0	16.0	34.8	46.8	30.8	29.6	37.6
1958	22,000	5,365	13,032	11,826	3,604	24.4	59.2	16.4	35.0	45.4	31.4	30.2	37.9
1959	22,376	5,162	13,586	12,205	3,628	23.1	60.7	16.2	35.2	43.4	32.3	30.9	38.0
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1961	24,199	5,663	14,612	13,266	3,924	23.4	60.4	16.2	36.8	44.4	34.0	32.7	39.0
1962	23,978	5,481	14,770	13,485	3,727	22.9	61.6	15.5	35.7	41.7	33.7	32.7	36.6
1963	24,675	5,614	15,362	14,061	3,699	22.8	62.3	15.0	36.1	41.0	34.6	33.7	35.8
1964	25,399	5,781	15,790	14,461	3,828	22.8	62.2	15.1	36.5	40.9	35.3	34.4	36.1
1965	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1966	26,820	6,106	16,676	15,178	4,038	22.7	62.2	15.1	37.3	40.8	36.5	35.4	36.4

[1] As of April.

Source: 1940–1958, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1959, Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, Nos. 2, 13, 20, 26, 40, 50, 64, and 80.

No. 325. Civilian Female Population—Total and Labor Force, by Marital Status and Age: 1966

[**In thousands of persons 14 years old and over, except percent.** As of March. Includes institutional population. See headnote, table 314]

Marital status and age	Population	Labor force		Marital status and age	Population	Labor force	
		Number	Percent of population			Number	Percent of population
Total	**71,828**	**26,820**	**37.3**	**Married, husband present**	**42,826**	**15,178**	**35.4**
14 to 19 years	10,456	2,787	26.7	14 to 19 years	903	310	34.3
20 to 24 years	6,906	3,448	49.9	20 to 24 years	4,264	1,626	38.1
25 to 34 years	11,319	4,400	38.9	25 to 34 years	9,289	3,020	32.5
35 to 44 years	12,391	5,715	46.1	35 to 44 years	10,285	4,249	41.3
45 to 64 years	20,370	9,440	46.3	45 to 64 years	14,487	5,727	39.5
65 years and over	10,386	1,030	9.9	65 years and over	3,598	246	6.8
Median age [1] years	40.9	40.2	(X)	Median age years	41.8	41.5	(X)
Single	**14,981**	**6,106**	**40.8**	**Other marital status**	**14,021**	**5,536**	**39.5**
14 to 19 years	9,362	2,391	25.5	14 to 19 years	191	86	45.0
20 to 24 years	2,083	1,513	72.6	20 to 24 years	559	309	55.3
25 to 34 years	860	696	80.9	25 to 34 years	1,170	684	58.5
35 to 44 years	622	469	75.4	35 to 44 years	1,484	997	67.2
45 to 64 years	1,292	900	69.7	45 to 64 years	4,591	2,813	61.3
65 years and over	762	137	18.0	65 years and over	6,026	647	10.7
Median age [1] years	18.5	22.2	(X)	Median age years	61.5	50.1	(X)

X Not applicable. [1] For definition of median, see headnote, table 8.

Source: Dept. of Labor, Bureau of Labor Statistics; *Special Labor Force Report*, No. 80.

No. 326. Women Employees in Selected Industries: 1950 to 1966

[**In thousands, except percent.** As of October. 1950 excludes Alaska and Hawaii. Data are adjusted to March 1965 benchmark levels indicated by data from Government social insurance programs]

INDUSTRY GROUP	1950		1960		1965		1966	
	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment	Number	Percent of total employment
Manufacturing	4,291	26	4,434	26	4,971	27	5,437	28
Durable goods	1,481	17	1,677	18	1,984	19	2,303	20
Nondurable goods	2,810	37	2,757	37	2,987	38	3,134	39
Mining	(NA)	(NA)	35	5	33	5	34	5
Transportation and public utilities	(NA)	(NA)	(NA)	(NA)	757	18	800	19
Wholesale trade	(NA)	(NA)	701	23	767	23	805	23
Retail trade	(NA)	(NA)	3,646	43	4,184	44	4,380	44
Finance, insurance, and real estate	(NA)	(NA)	1,346	50	1,510	50	1,563	50

NA Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 327. Employed Persons, by Major Occupation Group and Sex: 1950 to 1967

[**In thousands of persons 14 years old and over, except as noted.** Prior to 1960, excludes Alaska and Hawaii. Annual averages except as indicated. Beginning 1965, not strictly comparable with previous years. See *Historical Statistics, Colonial Times to 1957*, series D 72-572, for related but not comparable data]

MAJOR OCCUPATION GROUP AND SEX	1950 [1]	1955 [1]	1960	1965	1966		1967, Mar.[2]
					Average	Mar.[2]	
Total	**59,648**	**62,997**	**66,681**	**72,179**	**74,065**	**71,083**	**72,560**
White-collar workers	22,373	24,585	28,726	32,104	33,332	32,633	33,719
Professional, technical, and kindred workers	4,490	5,792	7,475	8,883	9,322	9,290	9,942
Managers, officials, and proprietors, exc. farm	6,429	6,450	7,067	7,340	7,405	7,349	7,292
Clerical and kindred workers	7,632	8,367	9,783	11,166	11,846	11,491	12,031
Sales workers	3,822	3,976	4,401	4,715	4,759	4,503	4,454
Blue-collar workers	23,336	24,771	24,211	26,466	27,169	26,015	26,312
Craftsmen, foremen, and kindred workers	7,670	8,328	8,560	9,221	9,598	9,052	9,572
Operatives and kindred workers	12,146	12,762	11,986	13,390	13,880	13,669	13,610
Laborers, except farm and mine	3,520	3,681	3,665	3,855	3,691	3,294	3,130
Service workers	6,535	7,106	8,349	9,342	9,689	9,068	9,373
Private household workers	1,883	1,946	2,216	2,251	2,249	1,936	1,850
Service workers, except private household	4,652	5,160	6,133	7,091	7,440	7,132	7,523
Farm workers	7,408	6,537	5,395	4,265	3,876	3,370	3,153
Farmers and farm managers	4,393	3,739	2,780	2,244	2,095	2,097	1,860
Farm laborers and foremen	3,015	2,798	2,615	2,021	1,781	1,273	1,293
Male	**42,156**	**43,191**	**44,485**	**47,034**	**47,639**	**45,847**	**46,333**
White-collar workers	13,549	14,305	16,596	17,964	18,330	18,018	18,357
Professional, technical, and kindred workers	2,696	3,608	4,768	5,602	5,846	5,770	6,185
Managers, officials, and proprietors, exc. farm	5,439	5,454	5,967	6,229	6,239	6,224	6,184
Clerical and kindred workers	3,035	2,792	3,154	3,293	3,369	3,299	3,377
Sales workers	2,379	2,451	2,707	2,840	2,876	2,725	2,612
Blue-collar workers	19,727	20,925	20,573	22,314	22,721	21,706	21,834
Craftsmen, foremen, and kindred workers	7,482	8,114	8,338	8,951	9,342	8,825	9,301
Operatives and kindred workers	8,810	9,235	8,652	9,620	9,799	9,687	9,491
Laborers, except farm and mine	3,435	3,576	3,583	3,743	3,580	3,194	3,042
Service workers	2,685	2,657	2,918	3,287	3,426	3,246	3,406
Private household workers	125	42	45	57	61	39	44
Service workers except private household	2,560	2,615	2,873	3,230	3,365	3,207	3,362
Farm workers	6,196	5,305	4,398	3,466	3,163	2,877	2,736
Farmers and farm managers	4,154	3,591	2,670	2,112	1,972	1,970	1,785
Farm laborers and foremen	2,042	1,714	1,728	1,354	1,191	907	951
Female	**17,493**	**19,807**	**22,196**	**25,145**	**26,426**	**25,236**	**26,226**
White-collar workers	8,824	10,280	12,129	14,137	15,003	14,616	15,361
Professional, technical, and kindred workers	1,794	2,183	2,706	3,280	3,476	3,521	3,757
Managers, officials, and proprietors, exc. farm	990	997	1,099	1,110	1,166	1,125	1,108
Clerical and kindred workers	4,597	5,575	6,629	7,873	8,477	8,192	8,654
Sales workers	1,443	1,525	1,695	1,874	1,884	1,778	1,842
Blue-collar workers	3,608	3,847	3,637	4,153	4,448	4,309	4,478
Craftsmen, foremen, and kindred workers	188	215	222	270	257	227	271
Operatives and kindred workers	3,336	3,527	3,333	3,772	4,081	3,982	4,119
Laborers, except farm and mine	84	105	82	111	110	100	88
Service workers	3,850	4,449	5,431	6,057	6,263	5,822	5,967
Private household workers	1,758	1,904	2,171	2,195	2,189	1,897	1,806
Service workers, except private household	2,092	2,545	3,260	3,862	4,074	3,925	4,161
Farm workers	1,212	1,233	998	799	714	493	417
Farmers and farm managers	239	148	111	132	124	127	75
Farm laborers and foremen	973	1,085	887	667	590	366	342

[1] Based on first month in each quarter. See also footnote 1, table 329. [2] Persons 16 years old and over.

Source: 1950 and 1955, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1960, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force*, and *Manpower Report of the President and A Report on Manpower Requirements, Resources, Utilization, and Training.*

No. 328. Employed Persons, by Occupation and Color: 1950 to 1966

[**Percent distribution.** Prior to 1960, excludes Alaska and Hawaii. See headnote, table 314. Annual averages based on data for January, April, July, and October in 1950 and 1955; thereafter, on 12-months data]

Major occupation group	White					Nonwhite				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
Total employed 1,000	54,286	56,698	59,640	64,432	66,097	5,672	6,496	7,041	7,747	7,968
Percent	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White-collar workers	40.3	42.1	46.4	47.5	47.9	10.2	12.0	16.0	19.5	20.8
Professional and technical workers	8.0	9.8	12.0	13.0	13.3	3.0	3.5	4.7	6.8	6.9
Managers, officials, and proprietors, except farm	11.6	11.1	11.6	11.1	10.9	2.5	2.3	2.5	2.6	2.6
Clerical workers	13.8	14.2	15.6	16.3	16.8	3.5	4.9	7.2	8.2	9.4
Sales workers	6.9	6.9	7.2	7.1	7.0	1.2	1.3	1.6	1.9	1.9
Blue-collar workers	39.3	39.0	35.9	36.2	36.1	37.5	41.8	39.8	40.7	41.7
Craftsmen and foremen	13.7	14.1	13.7	13.5	13.6	4.8	5.2	5.9	6.7	7.5
Operatives	20.6	20.2	17.7	18.2	18.3	18.6	20.9	20.1	21.3	22.4
Laborers, exc. farm and mine	5.0	4.7	4.5	4.5	4.2	14.1	15.8	13.8	12.7	11.7
Service workers	8.5	9.0	10.2	10.7	10.9	33.8	31.6	31.8	31.7	31.4
Private household workers	1.6	1.8	2.0	2.0	2.0	17.7	14.8	14.3	12.7	11.8
Other service workers	6.9	7.2	8.2	8.7	8.9	16.1	16.8	17.5	19.0	19.6
Farm workers	11.7	9.9	7.6	5.6	5.1	18.4	14.5	12.4	8.1	6.1
Farmers and managers	7.3	6.0	4.3	3.3	3.0	7.5	5.0	3.1	1.8	1.6
Laborers and foremen	4.4	3.9	3.3	2.4	2.1	10.9	9.5	9.3	6.3	4.5

Source: 1950, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, P-57, and unpublished data. Thereafter, Dept. of Labor, Bureau of Labor Statistics; *Monthly Labor Review* and *Employment and Earnings and Monthly Report on the Labor Force.*

No. 329. Class of Worker of Employed Persons, by Sex: 1950 to 1967

[**In thousands of persons 14 years old and over, except as noted.** See headnote, table 327]

Class of worker and sex	1950 [1]	1955 [1]	1960	1965	1966		1967, March [2]
					Average	March	
EMPLOYED IN AGRICULTURE							
Male	**6,280**	**5,487**	**4,678**	**3,729**	**3,432**	**3,225**	**2,932**
Wage and salary workers	1,504	1,415	1,558	1,243	1,134	992	978
Self-employed workers	4,115	3,582	2,687	2,170	2,019	1,993	1,795
Unpaid family workers	661	489	433	316	279	240	159
Female	**1,227**	**1,243**	**1,045**	**856**	**774**	**555**	**479**
Wage and salary workers	230	285	308	249	235	121	130
Self-employed workers	231	149	116	137	128	132	79
Unpaid family workers	766	810	621	470	411	303	270
EMPLOYED IN NONAGRICULTURAL INDUSTRIES							
Male	**36,007**	**37,803**	**39,807**	**43,304**	**44,206**	**43,168**	**43,401**
Wage and salary workers	31,049	32,934	34,689	38,434	39,506	38,445	39,509
In private households	238	254	288	334	297	192	180
Government workers	3,831	4,234	4,788	5,685	5,950	5,840	6,083
Other wage and salary workers	26,980	28,446	29,613	32,415	33,259	32,413	33,246
Self-employed workers	4,885	4,809	5,027	4,794	4,634	4,669	3,841
Unpaid family workers	74	60	91	77	67	54	51
Female	**16,443**	**18,661**	**21,151**	**24,289**	**25,652**	**25,075**	**25,748**
Wage and salary workers	14,929	17,119	19,287	22,331	23,674	23,187	24,055
In private households	1,757	1,962	2,201	2,214	2,197	2,223	1,828
Government workers	1,986	2,604	3,155	3,938	4,396	4,447	4,847
Other wage and salary workers	11,185	12,554	13,931	16,179	17,081	16,517	17,380
Self-employed workers	1,184	1,077	1,340	1,419	1,467	1,392	1,224
Unpaid family workers	330	465	524	540	511	497	469

[1] Data have not been adjusted to reflect change in definition of employment and unemployment adopted in January 1957. For adjusted totals, see table 314.

[2] Persons 16 years old and over.

Source: 1950-1955, Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50. Beginning 1960, Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 330. Experienced Civilian Labor Force, by Sex and Occupation, 1950 and 1960, and by Selected Characteristics, 1960

[Persons 14 years old and over. For definition, see text, p. 218. For definition of median, see headnote, table 8. "N.e.c." means not elsewhere classified]

SEX AND OCCUPATION	1950	1960				
		Total	Nonwhite		Median earnings, 1959 [1]	Median age of employed
			Number	Percent		
Male	42,722,297	45,686,330	4,371,786	9.6	$4,621	40.6
Professional, technical, and kindred workers	3,024,631	4,542,702	159,122	3.5	6,619	38.2
Accountants and auditors	328,420	396,343	5,439	1.4	6,611	40.1
Architects	22,964	29,720	690	2.3	8,753	41.5
Artists and art teachers	49,917	67,518	2,128	3.2	6,143	37.7
Authors, editors, and reporters	55,373	85,940	1,200	1.4	6,833	39.1
Chemists	68,302	76,967	2,628	3.4	7,163	36.9
Clergymen	162,183	197,109	15,141	7.7	4,020	43.0
College presidents, professors, and instructors (n.e.c.)	96,603	139,508	5,574	4.0	7,207	39.6
Dentists	73,450	81,249	2,879	3.5	11,858	46.1
Designers and draftsmen	145,885	261,619	6,338	2.4	5,958	32.4
Engineers	362,715	552,398	9,472	1.7	8,361	38.0
Aeronautical	17,604	51,868	1,090	2.1	9,059	36.0
Civil	124,516	157,170	3,295	2.1	7,701	40.2
Electrical	106,241	183,636	3,097	1.7	8,613	36.2
Mechanical	114,354	159,724	1,990	1.2	8,437	38.8
Other technical engineers	165,999	311,780	2,432	0.8	8,304	38.7
Lawyers and judges	176,063	205,515	2,575	1.3	10,587	45.3
Musicians and music teachers	82,052	86,294	6,815	7.9	4,653	35.8
Natural scientists (n.e.c.)	36,918	59,111	1,657	2.8	7,658	35.2
Pharmacists	81,818	85,482	2,256	2.6	7,202	45.4
Physicians and surgeons	181,069	213,918	8,489	4.0	14,561	43.2
Social scientists	24,355	42,780	1,022	2.4	7,674	38.1
Social, welfare, and recreation workers [2]	33,556	58,347	6,458	11.1	4,961	36.2
Teachers	222,682	419,528	30,597	7.3	5,610	36.0
Elementary school	62,178	143,936	14,616	10.2	5,220	34.5
Secondary school	160,504	275,592	15,981	5.8	5,827	37.0
Teachers (n.e.c.)	66,516	58,457	3,171	5.4	5,359	37.6
Technicians	46,180	141,653	8,009	5.7	5,449	32.2
Medical and dental	34,231	52,892	5,302	10.0	4,503	34.6
Electrical and electronic	11,949	88,761	2,707	3.0	5,921	31.1
Other professional, technical, and kindred	541,611	971,466	34,152	3.5	5,848	36.5
Farmers and farm managers	4,207,360	2,406,089	178,747	7.4	2,169	49.2
Managers, officials, and proprietors, exc. farm	4,407,925	4,695,203	93,581	2.0	6,664	45.4
Officials and inspectors, State and local administration	112,539	135,816	2,682	2.0	5,554	49.7
Other specified managers and officials	486,040	604,449	13,234	2.2	6,613	44.2
Managers, officials, and proprietors (n.e.c.)—salaried [3]	1,598,750	2,252,255	29,710	1.3	7,389	43.3
Manufacturing	395,539	609,914	3,298	0.5	9,156	44.0
Wholesale and retail trade	587,810	708,568	11,131	1.6	6,067	41.3
Finance, insurance, and real estate	166,047	295,267	4,041	1.4	7,971	43.5
Managers, officials, and proprietors (n.e.c.)—self-employed [3]	2,210,596	1,702,683	47,955	2.8	5,764	48.1
Construction	201,345	227,940	4,949	2.2	6,577	44.5
Manufacturing	231,097	160,141	1,850	1.2	8,076	48.4
Wholesale trade	171,441	128,894	3,666	2.8	7,541	49.0
Eating and drinking places	217,071	145,869	8,220	5.6	4,886	48.4
Retail trade, exc. eating and drinking places	965,385	680,897	15,480	2.3	5,223	48.4
Clerical and kindred workers	2,723,092	3,120,137	212,771	6.8	4,785	38.0
Bookkeepers	170,446	152,961	3,004	2.0	4,444	38.8
Mail carriers	164,463	197,402	21,768	11.0	5,289	40.4
Other clerical and kindred workers	2,388,183	2,769,774	187,999	6.8	4,736	37.7
Sales workers	2,642,022	3,054,979	63,879	2.1	4,987	39.2
Insurance agents, brokers, underwriters	250,755	333,126	6,305	1.9	6,173	40.2
Real estate agents and brokers	122,319	148,957	3,095	2.1	5,978	50.5

See footnotes at end of table.

No. 330. Experienced Civilian Labor Force, by Sex and Occupation, 1950 and 1960, and by Selected Characteristics, 1960—Continued

[Persons 14 years old and over]

Sex and occupation	1950	1960				
		Total	Nonwhite		Median earnings, 1959 [1]	Median age of employed
			Number	Percent		
Male—Continued						
Sales workers—Continued						
Other specified sales workers	162,369	275,926	10,763	3.9	$783	17.3
Salesmen and sales clerks (n.e.c.) [3]	2,106,579	2,296,970	43,716	1.9	4,982	39.7
Manufacturing	310,917	423,623	2,710	0.6	6,719	40.2
Wholesale trade	397,363	483,001	4,528	0.9	6,037	41.2
Retail trade	1,294,689	1,252,619	34,629	2.8	3,894	38.6
Craftsmen, foremen, and kindred workers	**7,958,853**	**8,972,749**	**443,623**	**4.9**	**5,240**	**41.8**
Bakers	110,598	94,183	8,078	8.6	4,552	42.5
Blacksmiths, forgemen, and hammermen	58,505	33,025	1,698	5.1	4,655	47.9
Boilermakers	38,697	26,827	825	3.1	5,496	44.7
Cabinetmakers and patternmakers	111,679	107,718	2,642	2.5	5,142	42.5
Carpenters	987,365	920,862	48,699	5.3	4,164	43.4
Compositors and typesetters	167,791	167,046	4,559	2.7	5,758	40.2
Cranemen, derrickmen, and hoistmen	106,850	131,398	13,100	10.0	5,251	42.2
Electricians	323,883	352,806	7,605	2.2	5,959	40.8
Foremen (n.e.c.)	786,345	1,117,338	20,944	1.9	6,616	44.5
Manufacturing, durable goods	278,882	433,314	4,900	1.1	7,347	43.8
Manufacturing, nondurable goods (incl. not specified manufacturing)	188,981	262,595	4,395	1.7	6,404	44.4
Nonmanufacturing (incl. not reported)	318,482	421,429	11,649	2.8	6,107	45.3
Linemen and servicemen, telegraph, telephone, and power	211,795	272,579	4,664	1.7	6,000	33.7
Locomotive engineers	73,027	57,561	285	0.5	7,667	53.9
Locomotive firemen	55,955	39,008	923	2.4	5,983	39.3
Machinists and jobsetters	551,435	548,579	15,114	2.8	5,498	42.2
Masons, tilesetters, and stonecutters	184 402	213,194	26,222	12.3	4,793	37.9
Mechanics and repairmen	827,194	921,884	62,545	6.8	4,531	38.4
Airplane	73,108	116,800	5,374	4.6	5,898	37.9
Automobile	677,365	700,716	51,875	7.4	4,298	38.4
Radio and TV	76,721	104,368	5,296	5.1	4,304	35.8
Other mech., repairmen, and loom fixers	973,137	1,375,025	76,621	5.6	4,836	42.0
Millwrights	59,953	67,792	1,273	1.9	5,995	44.8
Molders, metal	62,874	50,564	11,875	23.5	4,759	41.0
Painters (construction), paperhangers, and glaziers	454,422	432,842	33,228	7.7	3,727	45.2
Plasterers and cement finishers	96,511	100,205	22,826	22.8	4,646	39.8
Plumbers and pipefitters	295,732	329,983	12,611	3.8	5,593	42.2
Printing craftsmen, exc. compositors and typesetters	110,667	127,202	3,306	2.6	6,208	38.6
Shoemakers and repairers, except factory	56,607	35,509	4,630	13.0	2,899	51.8
Stationary engineers	217,649	273,896	6,373	2.3	6,296	44.0
Structural metal workers	55,087	65,885	3,275	5.0	5,543	41.1
Tailors and furriers	80,781	36,546	2,704	7.4	4,060	56.4
Tinsmiths, coppersmiths, and sheet metal	128,838	143,777	3,420	2.4	5,485	39.4
Toolmakers, and die makers and setters	155,894	185,395	1,815	1.0	6,527	42.1
Other craftsmen and kindred workers	615,180	744,120	41,763	5.6	4,800	40.9
Operatives and kindred workers	**8,566,269**	**9,233,779**	**1,023,854**	**11.1**	**4,299**	**38.4**
Apprentices	116,789	85,282	2,647	3.1	3,486	22.9
Assemblers	239,947	375,952	28,948	7.7	4,491	36.9
Attendants, auto service and parking	241,480	370,201	36,923	10.0	2,296	25.8
Brakemen and switchmen, railroad	142,107	124,302	3,683	3.0	5,642	41.1
Bus drivers	152,940	166,273	17,928	10.8	4,411	44.7
Checkers, examiners, and inspectors, mfg.	163,000	277,504	9,920	3.6	5,240	40.5
Filers, grinders, and polishers, metal	148,620	149,837	12,417	8.3	5,051	41.7
Furnacemen, smeltermen, and pourers	56,283	55,800	13,305	23.8	5,096	41.8
Laundry and dry cleaning operatives	148,852	115,748	44,340	38.3	2,948	41.1
Meat cutters, exc. slaughter, pack. house	173,339	180,173	8,920	5.0	4,644	41.1
Mine operatives and laborers (n.e.c.)	600,601	329,398	17,272	5.2	4,240	40.2
Packers and wrappers (n.e.c.)	123,041	191,457	31,556	16.5	3,333	32.4
Painters, exc. construction and maintenance	109,018	133,511	14,879	11.1	4,245	38.5
Power station operators	20,951	25,674	438	1.7	6,238	44.0
Sailors and deckhands	51,022	40,379	5,439	13.5	4,294	38.8
Sawyers	96,694	92,187	16,876	18.3	2,775	40.5
Spinners and weavers, textile	84,188	49,098	574	1.2	3,599	40.6
Stationary firemen	126,487	91,955	11,958	13.0	4,800	47.3
Taxicab drivers and chauffeurs	210,312	166,248	31,705	19.1	3,272	45.6

See footnotes at end of table.

No. 330. EXPERIENCED CIVILIAN LABOR FORCE, BY SEX AND OCCUPATION, 1950 AND 1960, AND BY SELECTED CHARACTERISTICS, 1960—Continued

[Persons 14 years old and over]

SEX AND OCCUPATION	1950	1960				
		Total	Nonwhite		Median earnings, 1959 [1]	Median age of employed
			Number	Percent		
Male—Continued						
Operatives and kindred workers—Con.						
Truck drivers and deliverymen [4]	1,632,405	2,080,754	277,965	13.4	$4,221	37.1
Welders and flame-cutters	266,833	368,446	24,787	6.7	5,026	39.9
Other specified operatives and workers	325,429	256,131	21,366	8.3	4,240	40.5
Operatives and kindred workers (n.e.c.)	3,335,931	3,507,469	390,008	11.1	4,374	38.7
Manufacturing	2,783,127	2,934,354	298,919	10.2	4,447	38.6
Durable goods	1,456,662	1,610,729	167,666	10.4	4,542	38.9
Nondurable goods	1,318,699	1,317,445	129,986	9.9	4,316	38.3
Not specified manufacturing industries	7,766	6,180	1,267	20.5	3,543	34.5
Nonmanufacturing (incl. not reported) [3]	552,804	573,115	91,089	15.9	3,950	38.8
Transportation, communication, and other public utilities	169,412	137,660	17,282	12.6	4,669	43.2
Wholesale and retail trade	158,507	159,569	29,326	18.4	3,443	36.8
Private household workers	**77,860**	**65,013**	**31,498**	**48.4**	**1,078**	**47.2**
Service workers, exc. private household	**2,508,713**	**2,745,288**	**590,689**	**21.5**	**3,310**	**43.4**
Barbers	179,928	175,216	16,734	9.6	3,716	48.8
Charwomen, janitors, and porters [5]	639,462	754,066	290,295	38.5	2,756	48.5
Cooks	213,278	215,978	59,107	27.4	3,397	42.8
Elevator operators	65,832	51,677	11,410	22.1	3,359	52.2
Firemen, fire protection	111,200	138,694	3,533	2.5	5,469	38.6
Guards and watchmen	244,187	250,421	14,742	5.9	3,950	52.8
Policemen, sheriffs, and marshals [6]	216,176	276,976	10,803	3.9	5,210	38.7
Waiters, bartenders, and counter workers	369,451	331,013	49,117	14.8	2,975	40.8
Other service workers	469,199	551,247	134,948	24.5	2,062	33.5
Farm laborers and foremen	**2,063,625**	**1,289,827**	**309,028**	**24.0**	**1,066**	**31.2**
Unpaid family workers	600,111	158,946	21,998	13.8	649	18.3
Exc. unpaid, and farm foremen	1,463,514	1,130,881	287,030	25.4	1,124	34.2
Laborers, except farm and mine	**3,634,332**	**3,404,973**	**887,450**	**26.1**	**2,948**	**37.4**
Fishermen and oystermen	76,586	40,480	5,231	12.9	2,395	42.9
Longshoremen and stevedores	71,763	60,302	22,898	38.0	4,710	44.8
Lumbermen, raftsmen, and woodchoppers	187,518	135,197	40,744	30.1	1,748	36.6
Other specified laborers	431,141	520,463	132,357	25.4	2,566	36.7
Laborers (n.e.c.)	2,867,324	2,648,531	686,220	25.9	3,049	37.3
Manufacturing	1,079,578	898,399	218,318	24.3	3,623	37.5
Nonmanufacturing (incl. not reported)	1,787,746	1,750,132	467,902	26.7	2,680	37.2
Occupation not reported	**907,615**	**2,155,591**	**377,544**	**17.5**	**4,114**	**37.8**
Female	**16,507,234**	**22,303,748**	**2,848,334**	**12.8**	**2,257**	**40.4**
Professional, technical, and kindred workers	**1,975,847**	**2,792,997**	**201,060**	**7.2**	**3,625**	**41.2**
Accountants and auditors	56,884	80,483	2,008	2.5	4,209	42.5
Actors, dancers, and entertainers (n.e.c.)	23,569	24,679	1,061	4.3	1,880	30.8
Artists and art teachers	30,862	37,187	1,010	2.7	3,433	38.1
Authors, editors, and reporters	33,672	45,608	568	1.2	3,339	40.5
College presidents, professors, and instructors (n.e.c.)	29,267	39,168	2,250	5.7	4,780	43.9
Designers and draftsmen	19,430	24,943	860	3.4	4,122	38.0
Dietitians and nutritionists	21,515	24,757	3,951	16.0	2,916	43.9
Lawyers and judges	6,348	7,543	197	2.6	5,199	45.4
Librarians	49,597	72,431	3,694	5.1	3,572	46.1
Musicians and music teachers	79,907	111,235	4,202	3.8	1,301	43.3
Natural scientists	13,654	15,052	928	6.2	4,970	33.3
Nurses, professional	395,638	577,038	37,685	6.5	3,186	39.1
Nurses, student professional	75,344	56,745	2,172	3.8	622	20.0
Physicians and surgeons	11,823	15,672	1,581	10.1	5,517	41.2
Social scientists	11,677	14,375	497	3.5	4,578	40.8
Social, welfare, and recreation workers [2]	60,291	78,017	9,650	12.4	4,074	43.4
Teachers	826,394	1,111,721	101,512	9.1	4,120	44.5
Elementary school	616,208	866,746	81,945	9.5	4,033	44.6
Secondary school	210,186	244,975	19,567	8.0	4,427	44.2
Teachers (n.e.c.)	17,727	93,960	6,909	7.4	2,655	43.2
Technicians, medical and dental	44,154	87,944	6,855	7.8	3,180	30.9
Therapists and healers (n.e.c.)	12,393	20,204	1,198	5.9	3,522	40.2
Other	155,701	254,235	12,272	4.8	3,720	38.8
Farmers and farm managers	**118,021**	**119,818**	**18,095**	**15.1**	**836**	**15.4**

See footnotes at end of table.

No. 330. Experienced Civilian Labor Force, by Sex and Occupation, 1950 and 1960, and by Selected Characteristics, 1960—Continued

[Persons 14 years old and over]

Sex and occupation	1950	1960				
		Total	Nonwhite		Median earnings, 1959[1]	Median age of employed
			Number	Percent		
Female—Continued						
Managers, officials, and proprietors, exc. farm	688,214	794,286	31,095	3.9	$3,355	47.9
Specified managers and officials	129,590	163,189	4,185	2.6	3,509	47.6
Managers, officials, and proprietors (n.e.c.)—salaried	218,598	341,193	10,606	3.1	3,701	45.6
Managers, officials, and proprietors (n.e.c.)—self-employed	340,026	289,904	16,304	5.6	2,429	50.3
Clerical and kindred workers	4,408,498	6,497,350	236,440	3.6	3,017	36.0
Bookkeepers	568,258	783,309	11,285	1.4	3,002	39.1
Cashiers	190,932	386,834	14,454	3.7	1,964	36.8
Office-machine operators	120,348	236,413	11,799	5.0	3,242	30.6
Secretaries	781,324	1,451,639	28,384	2.0	3,368	34.5
Stenographers	416,844	264,157	7,469	2.8	3,340	32.7
Telephone operators	350,073	356,186	9,398	2.6	3,188	35.8
Typists	339,875	516,844	34,667	6.7	2,801	29.3
Other clerical and kindred workers	1,640,844	2,501,968	118,984	4.8	2,852	37.6
Sales workers	1,383,134	1,746,362	49,686	2.8	1,498	43.3
Insurance and real estate agents and brokers[7]	45,979	82,889	3,663	4.4	3,018	47.0
Other specified sales workers	25,428	71,808	2,318	3.2	773	39.3
Salesmen, sales clerks (n.e.c.), retail trade	1,240,816	1,471,694	39,872	2.7	1,475	43.4
Salesmen, sales clerks (n.e.c.), exc. retail trade	70,911	119,971	3,833	3.2	1,638	42.0
Craftsmen, foremen, and kindred workers	246,068	268,234	19,525	7.3	2,927	43.6
Foremen (n.e.c.)	69,621	81,717	3,369	4.1	3,497	45.0
Other craftsmen and kindred workers	176,447	186,517	16,156	8.7	2,601	42.9
Operatives and kindred workers	3,188,051	3,612,265	383,831	10.6	2,319	41.1
Assemblers	156,957	310,802	17,306	5.6	2,908	39.3
Checkers, examiners, and inspectors, mfg	185,772	236,631	10,425	4.4	2,886	41.5
Dressmakers, seamstresses, except factory	142,896	119,510	10,963	9.2	1,401	55.3
Laundry and dry cleaning operatives	301,993	296,294	112,031	37.8	1,616	42.7
Spinners and weavers, textile	103,392	68,841	486	0.7	2,696	43.0
Other specified operatives and kindred workers	881,371	1,094,612	80,441	7.3	2,202	40.7
Operatives and kindred workers (n.e.c.)	1,415,670	1,485,575	152,179	10.2	2,401	40.4
Manufacturing	1,295,522	1,370,880	129,847	9.5	2,439	40.3
Nonmanufacturing (incl. not reported)	120,148	114,695	22,332	19.5	1,738	41.2
Private household workers	1,413,689	1,759,804	958,875	54.5	684	44.8
Private household workers—living in	204,100	159,679	42,175	26.4	1,178	51.6
Private household workers—living out[8]	1,209,589	1,600,125	916,700	57.3	658	44.2
Service workers, exc. private household	2,014,857	3,020,193	590,053	19.5	1,385	41.7
Attendants, hospital and other institution	125,173	300,979	73,254	24.3	1,840	39.6
Charwomen, janitors, and porters[5]	133,724	213,267	56,650	26.6	1,332	48.8
Cooks	252,412	381,078	89,688	23.5	1,337	47.5
Hairdressers and cosmetologists	194,474	271,623	34,482	12.7	1,993	39.5
Housekeepers, stewards, exc. priv. hhld	85,291	121,811	12,775	10.5	2,118	51.3
Practical nurses and midwives	140,439	208,267	35,788	17.2	1,839	48.5
Waiters, bartenders, and counter workers	649,551	916,976	69,728	7.6	1,055	35.4
Other service workers	433,793	606,192	217,688	35.9	1,207	43.4
Farm laborers and foremen	469,000	269,697	91,390	33.9	602	40.0
Unpaid family workers	320,543	125,392	15,890	12.7	624	42.9
Except unpaid family workers and farm foremen	148,457	144,305	75,500	52.3	600	36.4
Laborers, except farm and mine	139,849	125,049	30,003	24.0	1,872	39.1
Occupation not reported	462,006	1,297,693	238,281	18.4	2,187	39.7

[1] Based on persons with earnings in 1959. [2] Includes group workers.
[3] Includes other industries not shown separately. [4] Includes tractor drivers.
[5] Includes sextons. [6] Includes constables, detectives, and bailiffs. [7] Includes underwriters.
[8] Includes all babysitters, whether living in or living out.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Population: 1960*, Vol. I.

No. 331. Indexes of Output Per Man-Hour, Hourly Compensation, and Unit Labor Costs in the Private Economy: 1947 to 1966

[1957-59=100. Prior to 1960, excludes Alaska and Hawaii. Employee compensation includes wages and salaries, and employer contributions to social security, private insurance and pension funds, compensation for injuries and other minor items of labor income. All person compensation includes, in addition, estimates of wages, salaries, and supplemental benefits for the self-employed. Nonlabor payments are the difference between labor payments and gross product in current dollars]

ITEM	1947	1950	1955	1960	1963	1964	1965	1966
Output per man-hour:								
Total private economy:								
Output per man-hour—all persons	69.1	80.5	94.0	105.0	117.6	122.1	125.5	129.0
Output per man-hour—employees	74.7	85.2	95.4	103.7	114.1	117.9	120.6	122.3
Private nonfarm sector:								
Output per man-hour—all persons	74.3	84.6	95.7	104.4	115.6	119.9	122.4	125.3
Output per man-hour—employees	74.9	85.5	95.5	104.1	114.4	118.5	120.7	122.6
Compensation per man-hour:								
Total private economy:								
Compensation per man-hour—all persons	54.9	64.9	84.6	108.5	122.0	128.2	132.9	141.6
Real compensation per man-hour—all persons	70.6	77.4	90.7	105.2	114.3	118.6	120.9	125.2
Compensation per man-hour—employees	55.7	65.8	85.5	107.9	120.1	125.8	130.3	137.8
Real compensation per man-hour—employees	71.6	78.5	91.6	104.7	112.6	116.4	118.6	121.8
Private nonfarm sector:								
Compensation per man-hour—all persons	56.3	66.6	85.9	108.4	120.4	126.1	130.2	137.5
Real compensation per man-hour—all persons	72.4	79.5	92.1	105.1	112.8	116.7	118.5	121.6
Compensation per man-hour—employees	55.8	66.0	85.8	108.3	120.0	125.7	129.7	136.9
Real compensation per man-hour—employees	71.7	78.8	92.0	105.0	112.5	116.3	118.0	121.0
Prices and costs:								
Total private economy:								
Total payments per unit of output	76.3	81.5	91.7	103.0	106.0	107.4	109.1	112.0
Unit labor costs—all persons	79.4	80.6	90.0	103.3	103.7	104.9	105.9	109.8
Unit nonlabor payments	71.3	83.1	94.5	102.5	110.0	111.3	114.4	115.7
Private nonfarm sector:								
Total payments per unit of output	73.5	80.0	91.6	103.2	106.3	107.7	109.2	111.8
Unit labor costs—all persons	75.7	78.7	89.8	103.8	104.1	105.2	106.3	109.8
Unit nonlabor payments	69.6	82.3	94.7	102.1	110.0	111.9	114.1	115.2
Underlying data:								
Total private economy:								
Gross product in 1958 dollars	67.6	77.9	95.4	106.6	120.8	127.5	135.3	142.5
Gross product in current dollars	51.6	63.5	87.5	109.8	128.1	136.9	147.6	159.6
All person man-hours	97.8	96.8	101.5	101.5	102.7	104.4	107.8	110.5
Employee man-hours	90.5	91.4	100.0	102.8	105.9	108.1	112.2	116.5
Compensation in current dollars—all persons	53.7	62.8	85.9	110.1	125.3	133.8	143.3	156.5
Compensation in current dollars—employees	50.4	60.1	85.5	110.9	127.2	136.0	146.2	160.5
Nonlabor payments in current dollars—all persons	48.2	64.7	90.2	109.3	132.9	141.9	154.8	164.9
Private nonfarm sector:								
Gross product in 1958 dollars	66.8	77.0	95.1	106.7	121.4	128.6	136.4	144.3
Gross product in current dollars	49.1	61.6	87.1	110.1	129.0	138.5	148.9	161.3
All person man-hours	89.9	91.0	99.4	102.2	105.0	107.3	111.4	115.2
Employee man-hours	89.2	90.1	99.6	102.5	106.1	108.5	113.0	117.7
Compensation in current dollars—all persons	50.6	60.6	85.4	110.8	126.4	135.3	145.0	158.4
Compensation in current dollars—employees	49.8	59.5	85.5	111.0	127.3	136.4	146.6	161.1
Nonlabor payments in current dollars	46.5	63.4	90.1	108.9	133.6	143.9	155.7	166.2
Consumer price index	77.8	83.8	93.3	103.1	106.7	108.1	109.9	113.1

Source: Dept. of Labor, Bureau of Labor Statistics; annual releases, *Indexes of Output Per Man-Hour, Hourly Compensation, and Unit Labor Costs in the Private Sector of the Economy and the Nonfarm Sector.*

No. 332. Output Per Man-Hour in the Private Economy: 1947 to 1966

[Prior to 1960, excludes Alaska and Hawaii. Output per man-hour refers to constant (1958) dollar value of goods and services produced in relation to hours of all persons employed, including proprietors and unpaid family workers. Man-hour estimates based primarily on data from reports specified; see text, p. 217. See *Historical Statistics, Colonial Times to 1957*, series W 9-11, for indexes on a 1947-49 base]

YEAR	INDEXES (1957-59=100)						PERCENT CHANGE BASED ON ESTABLISHMENT REPORTS [1]		
	Based on labor force reports			Based on establishment reports			Total	Farm	Nonfarm
	Total	Farm	Nonfarm	Total	Farm	Nonfarm			
1947	67.9	49.8	72.9	69.1	49.8	74.3	(X)	(X)	(X)
1950	78.5	64.1	82.4	80.5	64.4	84.6	8.2	14.0	6.3
1955	94.7	84.0	96.7	94.0	84.4	95.7	4.4	0.8	4.5
1960	104.5	110.7	103.8	105.0	110.7	104.4	1.5	5.6	1.3
1965	124.2	149.0	120.9	125.5	148.8	122.4	2.8	11.3	2.1
1966	128.5	155.6	124.3	129.0	155.8	125.3	2.8	4.7	2.4

X Not applicable. [1] Change from preceding calendar year.

Source: Dept. of Labor, Bureau of Labor Statistics; annual releases, *Indexes of Output Per Man-Hour For the Private Economy.*

No. 333. Indexes of Output Per Man-Hour—All Employees and Production Workers, Selected Industries: 1950 to 1965

[1957-59=100. Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series W 13-32 and W 44, for indexes on a 1947 base]

INDUSTRY	OUTPUT PER PRODUCTION WORKER MAN-HOUR					OUTPUT PER ALL EMPLOYEE MAN-HOUR				
	1950	1955	1960	1964 (prel.)	1965 (prel.)	1950	1955	1960	1964 (prel.)	1965 (prel.)
NONMANUFACTURING										
Air transportation [1]	(NA)	(NA)	(NA)	(NA)	(NA)	55.7	89.5	107.1	153.4	172.0
Coal mining [2 3 4]	61.6	87.7	111.4	142.6	150.9	(NA)	(NA)	(NA)	(NA)	(NA)
Bituminous coal [3 4]	61.9	88.1	111.5	142.7	151.3	(NA)	(NA)	(NA)	(NA)	(NA)
Copper (recoverable metal) [3 4]	84.3	90.0	104.6	125.2	118.3	(NA)	(NA)	(NA)	(NA)	(NA)
Iron (usable ore) [3 4]	93.6	111.3	104.7	131.2	129.1	(NA)	(NA)	(NA)	(NA)	(NA)
Railroad transportation (revenue traffic) [5]	71.1	88.3	111.1	143.9	159.8	72.8	89.4	110.4	142.5	157.5
Gas and electric utilities [6]	52.3	81.3	115.7	153.3	160.0	54.6	82.5	114.7	149.1	155.6
MANUFACTURING										
Beet sugar [7 8]	75.4	(NA)	108.7	125.5	(NA)	73.7	(NA)	109.1	126.9	(NA)
Candy and other confectionery products [7 8]	71.7	88.0	107.6	119.4	(NA)	70.6	87.8	107.9	123.5	(NA)
Canning and preserving [7 8]	76.1	90.0	108.5	123.6	(NA)	78.8	92.2	108.3	124.1	(NA)
Cement [8]	67.5	92.1	105.7	141.8	(NA)	69.2	93.5	104.7	135.1	(NA)
Concrete products [7 8]	72.1	93.2	94.1	114.3	(NA)	74.8	94.0	96.2	112.9	(NA)
Flour and other grain-mill products [7 8]	69.7	86.8	104.2	130.7	(NA)	72.4	87.5	103.9	133.0	(NA)
Footwear [8]	84.4	92.7	103.2	107.0	(NA)	85.0	93.4	103.0	107.9	(NA)
Glass containers [7 8]	95.1	99.7	100.4	112.0	(NA)	96.7	100.4	100.4	112.2	(NA)
Hosiery [7 8]	72.9	83.3	107.7	147.5	(NA)	74.0	83.9	108.1	148.0	(NA)
Malt liquors [7 8]	77.8	87.2	108.9	139.8	(NA)	78.2	87.7	110.9	143.1	(NA)
Man-made fibers [8]	(NA)	(NA)	103.4	129.3	(NA)	(NA)	(NA)	103.0	128.3	(NA)
Paper, paperboard, and pulp mills [8]	78.4	90.4	109.5	134.4	(NA)	81.5	92.4	108.2	132.6	(NA)
Petroleum refining [7 8]	68.3	87.8	115.9	154.0	(NA)	71.4	89.3	114.8	151.8	(NA)
Primary aluminum [7 8]	69.3	82.2	121.3	138.6	(NA)	72.4	85.0	121.4	141.7	(NA)
Primary smelting and refining of copper, lead, and zinc [8]	84.5	98.7	105.2	122.8	(NA)	88.5	101.0	106.0	125.2	(NA)
Steel [3]	87.7	99.8	99.6	114.7	119.7	93.9	105.2	98.6	116.6	121.5
Tires and inner tubes [7 8]	82.7	86.2	111.5	147.7	(NA)	86.5	89.2	111.1	149.3	(NA)
Tobacco products [7 8]	80.4	83.2	114.0	130.8	(NA)	81.2	84.2	112.9	129.5	(NA)
Cigars [7 8]	66.0	74.0	123.4	165.0	(NA)	67.0	74.9	122.7	166.6	(NA)
Cigarettes, chewing and smoking tobacco, and snuff [7 8]	96.2	92.2	107.8	112.8	(NA)	96.4	92.9	106.5	110.8	(NA)

NA Not available. [1] For this industry, indexes refer to output per all employee rather than output per all employee man-hour.
[2] Includes anthracite and bituminous coal. [3] Man-hours paid.
[4] Adjusted to levels indicated by 1939, 1954, 1958, and 1963 Censuses of Mineral Industries.
[5] Class I line-haul railroads and switching and terminal companies; in terms of hours worked plus constructive allowances.
[6] For this industry indexes refer to output per nonsupervisory worker man-hour rather than output per production worker man-hour.
[7] Adjusted to levels indicated by 1947, 1954, 1958, and 1963 Censuses of Manufactures. [8] Man-hours worked.

Source: Dept. of Labor, Bureau of Labor Statistics; *Indexes of Output Per Man-Hour for Selected Industries, 1939 and 1947-65.*

No. 334. Production Workers, Manufacturing Industries—Number, Earnings, and Hours: 1940 to 1967

[Prior to 1960, excludes Alaska and Hawaii. Workers include all full- and part-time employees who worked during, or received pay for, any part of pay period including 12th of month. Net spendable average weekly earnings represent average gross earnings less social security and income taxes. Overtime defined as work in excess of either straight-time workday or workweek and paid for at time and one-half. See *Historical Statistics, Colonial Times to 1957*, series D 626-628, for related but not comparable data]

YEAR	Workers, annual average (1,000)	Gross average weekly earnings	NET SPENDABLE AVERAGE WEEKLY EARNINGS				Average weekly hours	AVERAGE HOURLY EARNINGS	
			Worker with no dependents		Worker with 3 dependents			Gross	Excluding overtime
			Current dollars	1957-59 dollars	Current dollars	1957-59 dollars			
1940	8,940	$24.96	$24.46	$50.12	$24.71	$50.64	38.1	$0.66	(NA)
1945	13,009	44.20	36.82	58.72	42.59	67.93	43.5	1.02	[1] $0.95
1950	12,523	58.32	50.26	59.98	56.36	67.26	40.5	1.44	1.39
1955	13,288	75.70	62.51	67.00	69.79	74.80	40.7	1.86	1.79
1960	12,586	89.72	72.57	70.39	80.11	77.70	39.7	2.26	2.20
1964	12,781	102.97	84.40	78.08	92.18	85.27	40.7	2.53	2.44
1965	13,413	107.53	89.08	81.06	96.78	88.06	41.2	2.61	2.50
1966	14,199	111.92	91.25	80.68	99.11	87.63	41.3	2.71	2.59
1967, March	14,128	112.44	91.42	79.50	99.30	86.35	40.3	2.79	2.68

NA Not available. [1] 11-month average; August 1945 excluded because of V-J day holiday period.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 335. Hourly and Weekly Earnings in Current and 1966 Prices, Selected Industries: 1940 to 1966

[Prior to 1960, excludes Alaska and Hawaii. Includes overtime. Data are for production workers in manufacturing, construction workers in contract construction, and nonsupervisory employees in retail trade]

Type of earnings and year	Manufacturing						Contract construction		Retail trade	
	Total		Durable		Nondurable					
	Current prices	1966 prices[1]	Current prices	1966 prices[1]	Current prices	1966 prices[1]	Current prices	1966 prices[1]	Current prices[2]	1966 prices[1]
Hourly										
1940	$0.66	$1.53	$0.72	$1.67	$0.59	$1.37	(NA)	(NA)	$0.49	$1.14
1945	1.02	1.84	1.10	1.99	.89	1.61	(NA)	(NA)	.70	1.26
1950	1.44	1.94	1.52	2.05	1.35	1.82	$1.86	$2.51	1.05	1.42
1955	1.86	2.25	1.99	2.41	1.67	2.02	2.45	2.97	1.34	1.62
1960	2.26	2.48	2.43	2.66	2.05	2.25	3.08	3.38	1.62	1.78
1964	2.53	2.65	2.71	2.83	2.29	2.40	3.55	3.71	1.75	1.83
1965	2.61	2.69	2.79	2.87	2.36	2.43	3.69	3.80	1.82	1.87
1966	2.71	2.71	2.89	2.89	2.45	2.45	3.87	3.87	1.91	1.91
Weekly										
1940	24.96	57.91	28.07	65.13	21.83	50.65	(NA)	(NA)	21.34	49.51
1945	44.20	79.78	48.36	87.29	37.48	67.65	(NA)	(NA)	28.59	51.61
1950	58.32	78.70	62.43	84.25	53.48	72.17	69.68	94.04	43.16	58.25
1955	75.70	91.76	82.19	99.62	66.63	80.76	90.90	110.18	53.06	64.32
1960	89.72	98.38	97.44	106.84	80.36	88.11	113.04	123.95	62.37	68.39
1964	102.97	107.71	112.19	117.35	90.91	95.09	132.06	138.14	64.75	67.73
1965	107.53	110.63	117.18	120.56	94.64	97.37	138.01	141.99	66.61	68.53
1966	111.92	111.92	121.67	121.67	98.49	98.49	145.51	145.51	68.57	68.57

NA Not available. [1] Earnings in current prices divided by consumer price index on base 1966=100.
[2] Beginning 1964, includes eating and drinking places.
Source: Executive Office of the President, Council of Economic Advisers. Based on Dept. of Labor data.

No. 336. Production Workers, Manufacturing Industries—Percent Distribution by Average Hourly Earnings, by Regions: 1958 and 1964

[1958, excludes Alaska and Hawaii. Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. For composition of regions, see fig. I, p. xii]

Average hourly earnings	United States		Northeast		South		North central		West	
	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers	Workers	Cumulative workers
May 1958										
Number of workers 1,000	11,245		3,994		2,422		3,772		1,056	
Average hourly earnings	$1.97		$1.94		$1.63		$2.13		$2.26	
Under $1.20	13.2		10.9		32.5		5.9		3.4	
$1.20 to $1.39	9.8	22.9	11.7	22.6	15.8	48.3	5.6	11.4	3.5	6.9
$1.40 to $1.59	8.9	31.8	11.0	33.6	9.8	58.2	7.2	18.6	4.8	11.6
$1.60 to $1.79	9.8	41.7	11.7	45.3	8.8	66.9	9.5	28.1	6.7	18.4
$1.80 to $1.99	10.2	51.8	10.9	56.2	6.5	73.4	11.8	39.8	10.4	28.8
$2.00 to $2.19	11.8	63.7	11.5	67.8	5.6	79.1	14.6	54.4	17.8	46.6
$2.20 to $2.39	11.7	75.4	10.1	77.8	6.0	85.1	16.1	70.5	15.3	61.9
$2.40 to $2.59	8.5	84.0	7.8	85.6	4.9	90.0	10.5	81.0	12.8	74.7
$2.60 to $2.79	6.1	90.0	5.4	91.1	3.5	93.5	6.9	87.8	11.3	86.0
$2.80 to $2.99	4.2	94.3	3.7	94.7	3.2	96.7	5.3	93.0	5.5	91.4
$3.00 and over	5.7	100.0	5.3	100.0	3.3	100.0	7.0	100.0	8.6	100.0
March 1964										
Number of workers 1,000	12,576		4,169		2,913		4,154		1,340	
Average hourly earnings	$2.30		$2.29		$1.90		$2.47		$2.67	
Under $1.25	0.7		0.3		1.8		0.5		0.1	
$1.25 to $1.39	12.2	12.9	9.9	10.2	28.3	30.1	6.1	6.6	3.6	3.7
$1.40 to $1.59	9.8	22.7	10.4	20.6	16.2	46.3	6.3	12.9	4.1	7.8
$1.60 to $1.79	8.2	30.9	9.2	29.8	10.6	56.9	6.9	19.8	4.6	12.4
$1.80 to $1.99	7.8	38.7	8.9	38.7	7.5	64.4	7.4	27.2	5.7	18.1
$2.00 to $2.19	8.7	47.4	10.0	48.7	7.1	71.5	8.9	36.1	7.7	25.8
$2.20 to $2.39	8.6	56.0	9.8	58.5	5.7	77.2	9.3	45.4	9.4	35.2
$2.40 to $2.59	9.0	65.0	9.3	67.8	5.2	82.4	10.5	55.9	11.4	46.6
$2.60 to $2.79	9.5	74.5	8.4	76.2	4.4	86.8	13.4	69.3	11.4	58.0
$2.80 to $2.99	7.6	82.1	6.9	83.1	3.7	90.5	10.4	79.7	10.2	68.2
$3.00 and over	17.9	100.0	16.9	100.0	9.5	100.0	20.3	100.0	31.8	100.0

Source: Dept. of Labor, Bureau of Labor Statistics; *Factory Workers' Earnings*, May 1958 (Bulletin No. 1252) and unpublished data.

No. 337. Production Workers, Manufacturing Industries—Hours and Gross Earnings, by States: 1960, 1965, and 1966

State	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1960	1965	1966	1960	1965	1966	1960	1965	1966
United States [1]	$89.72	$107.53	$111.92	39.7	41.2	41.3	$2.26	$2.61	$2.71
New England:									
Maine	71.15	85.08	89.23	40.2	41.3	41.5	1.77	2.06	2.15
New Hampshire	70.45	84.25	87.95	39.8	40.9	41.1	1.77	2.06	2.14
Vermont	76.59	92.01	98.90	41.4	42.4	43.0	1.85	2.17	2.30
Massachusetts	81.96	98.74	104.60	39.2	40.3	40.7	2.09	2.45	2.57
Rhode Island	73.70	88.51	92.39	39.2	40.6	40.7	1.88	2.18	2.27
Connecticut	93.26	113.25	121.82	40.2	42.1	43.2	2.32	2.69	2.82
Middle Atlantic:									
New York	89.61	106.40	111.35	38.8	39.7	40.2	2.31	2.68	2.77
New Jersey	93.93	112.34	117.29	39.6	41.0	41.3	2.37	2.74	2.84
Pennsylvania	89.86	107.73	110.98	38.9	40.5	40.8	2.31	2.66	2.72
East North Central:									
Ohio	104.13	127.02	131.56	40.0	42.2	42.4	2.60	3.01	3.10
Indiana	100.49	121.66	126.54	40.0	41.7	41.9	2.51	2.92	3.02
Illinois	97.70	117.28	123.04	40.0	41.4	41.7	2.45	2.83	2.95
Michigan	112.00	143.79	145.10	40.8	44.6	43.3	2.75	3.22	3.35
Wisconsin	96.32	114.55	120.68	40.6	41.7	42.0	2.37	2.75	2.87
West North Central:									
Minnesota	95.07	112.20	116.13	40.4	41.2	41.5	2.36	2.72	2.80
Iowa	93.68	113.36	119.71	39.8	40.7	41.2	2.35	2.78	2.91
Missouri	87.57	105.51	110.70	39.1	40.3	40.7	2.24	2.62	2.72
North Dakota	81.85	100.38	104.73	41.4	42.5	42.3	1.97	2.36	2.48
South Dakota	90.90	103.81	110.35	45.0	43.8	45.6	2.02	2.37	2.42
Nebraska	87.41	103.67	106.63	42.0	43.1	43.1	2.08	2.40	2.47
Kansas	95.82	113.95	119.74	40.6	42.3	42.9	2.36	2.69	2.79
South Atlantic:									
Delaware	91.01	114.96	116.44	39.4	41.5	41.0	2.31	2.77	2.84
Maryland	90.63	107.94	112.06	40.1	41.2	41.2	2.26	2.62	2.72
District of Columbia [2]	97.61	113.51	119.18	39.2	40.2	40.4	2.49	2.82	2.95
Virginia	70.62	87.56	90.69	39.9	41.5	41.6	1.77	2.11	2.18
West Virginia	93.27	110.70	114.21	38.7	40.4	40.5	2.41	2.74	2.82
North Carolina	61.14	75.17	79.49	39.7	41.3	41.4	1.54	1.82	1.92
South Carolina	63.27	78.77	82.32	40.3	41.9	42.0	1.57	1.88	1.96
Georgia	65.40	82.61	86.11	39.4	41.1	41.2	1.66	2.01	2.09
Florida	76.07	91.37	96.05	40.9	42.3	42.5	1.86	2.16	2.26
East South Central:									
Kentucky	83.92	102.91	104.30	39.4	41.0	40.9	2.13	2.51	2.55
Tennessee	73.23	85.27	88.13	39.8	40.8	40.8	1.84	2.09	2.16
Alabama	75.65	93.63	96.33	39.4	41.8	41.7	1.92	2.24	2.31
Mississippi	60.50	74.98	78.85	39.8	41.2	41.5	1.52	1.82	1.90
West South Central:									
Arkansas	62.71	75.03	78.25	40.2	41.0	41.4	1.56	1.83	1.89
Louisiana	86.71	107.87	113.48	40.9	42.3	42.5	2.12	2.55	2.67
Oklahoma	85.47	101.22	104.67	40.7	42.0	41.7	2.10	2.41	2.51
Texas	89.19	103.91	107.94	41.1	41.9	42.0	2.17	2.48	2.57
Mountain:									
Montana	96.04	114.80	118.15	39.2	41.0	40.6	2.45	2.80	2.91
Idaho	90.00	106.00	111.11	40.0	40.0	40.7	2.25	2.65	2.73
Wyoming	95.25	108.39	113.19	37.5	37.9	38.5	2.54	2.86	2.94
Colorado	98.25	116.18	118.53	40.6	41.2	41.3	2.42	2.82	2.87
New Mexico	82.58	93.79	93.03	39.7	40.6	40.1	2.08	2.31	2.32
Arizona	99.14	113.85	118.28	40.3	41.1	41.5	2.46	2.77	2.85
Utah	98.89	114.45	119.36	40.2	40.3	40.6	2.46	2.84	2.94
Nevada	113.30	126.88	132.51	41.2	39.9	40.4	2.75	3.18	3.28
Pacific:									
Washington	101.78	122.06	129.03	38.7	39.5	39.7	2.63	3.09	3.25
Oregon	97.04	117.01	120.78	38.1	39.8	39.6	2.55	2.94	3.05
California	104.28	123.83	128.93	39.8	40.6	40.8	2.62	3.05	3.16
Alaska	(NA)	159.47	164.97	(NA)	43.1	42.3	(NA)	3.70	3.90
Hawaii	(NA)	89.60	98.58	(NA)	39.3	40.4	(NA)	2.28	2.44

NA Not available.
[1] For 1960, Alaska and Hawaii included in U.S. averages but individual State data not available.
[2] Represents Washington, D.C., Standard Metropolitan Statistical Area.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.* Compiled from data supplied by cooperating State agencies.

No. 338. Median Earnings of Male Civilians by Occupation of Longest Job: 1958 to 1965

[In dollars. Covers persons 14 years old and over as of March of year following year shown. Earnings relate to longest job held in year shown. Based on sample; see text, p. 1. For definition of median, see headnote, table 8]

Occupation group	All workers				Year-round full-time workers			
	1958	1960	1963	1965	1958	1960	1963	1965
Total with earnings	4,068	4,392	5,032	5,339	4,888	5,368	5,980	6,388
Professional, technical, and kindred workers	6,132	6,566	7,373	7,668	6,730	7,115	7,987	8,459
Self-employed	9,945	9,188	10,809	10,360	11,231	10,858	11,783	11,799
Medical and other health workers	11,805	10,833	12,425	13,015	(B)	12,777	12,678	13,670
Other self-employed workers	8,934	8,250	9,000	8,523	(B)	(B)	10,932	10,208
Salaried	5,938	6,444	7,227	7,547	6,514	6,954	7,825	8,269
Engineers, technical	7,738	8,241	9,185	9,958	8,151	8,740	9,512	10,375
Medical and other health workers	(B)	5,272	6,500	6,656	(B)	(B)	(B)	7,388
Teachers, elementary and secondary schools	5,393	5,589	6,097	6,732	5,651	6,063	6,950	7,077
Other salaried workers	5,559	6,131	6,794	7,164	6,075	6,643	7,477	7,879
Farmers and farm managers	1,555	1,572	1,842	2,630	1,878	2,004	2,273	3,098
Managers, officials, and proprietors, except farm	5,599	6,158	6,984	7,538	5,909	6,648	7,339	7,895
Self-employed	4,787	4,774	5,502	6,188	5,145	5,258	5,782	6,765
In retail trade	4,336	4,440	5,053	5,877	4,527	4,757	5,280	5,983
Other self-employed workers	5,338	5,140	5,923	6,632	5,772	5,950	6,368	7,417
Salaried	6,247	7,154	7,799	8,080	6,561	7,472	8,115	8,531
Clerical and kindred workers	4,356	4,806	5,260	5,511	4,864	5,291	5,864	6,280
Except secretaries, stenographers, and typists	4,351	4,801	5,257	5,512	4,856	5,285	5,857	6,292
Salesworkers	4,133	4,517	5,129	5,552	5,371	5,842	6,537	7,226
In retail trade	2,704	3,105	3,600	4,467	4,333	4,760	5,610	6,077
Other salesworkers	5,227	5,616	6,091	6,326	6,082	6,512	7,073	7,721
Craftsmen, foremen, and kindred workers	4,832	5,312	5,830	6,270	5,346	5,826	6,317	6,751
Foremen	6,088	6,554	6,941	7,594	6,245	6,796	7,038	7,681
Craftsmen	4,638	5,146	5,652	6,062	5,200	5,670	6,173	6,583
In construction	4,540	4,952	5,511	5,782	5,361	5,900	6,429	6,713
Other craftsmen, foremen, and kindred workers	4,660	5,187	5,683	6,135	5,167	5,634	6,121	6,562
Operatives and kindred workers	3,895	4,201	4,809	5,046	4,502	4,997	5,543	5,782
Manufacturing	4,065	4,461	4,999	5,553	4,586	5,054	5,597	5,967
Durable goods	4,178	4,713	5,184	5,681	4,750	5,212	5,730	6,137
Nondurable goods	3,831	4,060	4,516	5,239	4,305	4,554	5,313	5,628
Other operatives and kindred workers	3,660	3,837	4,599	4,291	4,428	4,915	5,478	5,543
Service workers, except private household	3,018	2,928	3,292	3,436	3,961	4,088	4,437	4,874
Waiters, cooks, and bartenders	2,951	2,513	3,156	3,715	3,570	4,010	4,083	4,880
Other service workers	3,029	3,044	3,345	3,396	4,042	4,100	4,497	4,868
Farm laborers and foremen	460	476	554	734	1,479	1,686	1,687	2,274
Laborers, except farm and mine	2,287	2,342	2,340	2,410	3,732	4,017	4,545	4,651

B Not computed; through 1963 base less than 200,000, for 1965 less than 150,000.

Source: Dept. of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, Nos. 33, 37, 43, 51.

No. 339. Percent Increase in Average Salaries for Selected Occupations in Private Industry: 1961 to 1966

[For 1966, covers establishments employing 50 workers or more in the finance, insurance, and real estate division; 100 workers or more in transportation; communications; electric, gas and sanitary services; wholesale trade; engineering and architectural services; and research, development, and testing laboratories operated on a commercial basis; and 250 workers or more in the manufacturing and retail trade divisions. For 1965, covers establishments employing 250 workers or more in all above industries. Based on sample and subject to sampling variability. Refers to U.S. excluding Alaska and Hawaii; for years prior to 1965 only standard metropolitan statistical areas as defined by the Bureau of the Budget were included. See text, p. 2]

Occupational group	1961 to 1966	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966	Occupational group	1961 to 1966	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966
Accountants	17.3	3.3	2.8	3.5	3.8	Directors of personnel	19.8	3.0	4.6	3.5	3.6
Auditors	18.5	3.6	3.1	3.9	3.8	Chemists	21.3	3.8	3.3	3.9	4.8
Chief accountants	18.6	2.8	4.8	3.9	3.3	Engineers	18.0	4.4	2.9	3.2	3.7
Attorneys	20.8	4.6	3.3	4.2	4.0	Engineering technicians	(1)	2.9	3.6	2.3	2.8
Managers, office services	16.8	2.2	2.7	4.3	3.3	Drafting	(2)	3.6	2.6	(2)	1.5
Job analysts	18.4	2.6	3.5	4.3	5.4	Clerical	14.6	2.6	2.9	2.4	3.0

[1] Not surveyed before 1962. [2] Comparable data not available due to change in definition in 1965.

Source: Dept. of Labor, Bureau of Labor Statistics; *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 1535.

No. 340. Indexes of Union Wage Rates and Weekly Hours in Selected Trades: 1945 to 1966

[1957-59=100. Prior to 1964, excludes Alaska. As of July 1. Indexes of rates reflect changes in minimum hourly wage scales; indexes of hours reflect changes in the negotiated straight-time weekly hours. Year-to-year changes in union scales are based on comparable quotations for each individual trade weighted by membership for current year. See *Historical Statistics, Colonial Times to 1957*, series D 642-653, for printing on 1948-49 base and other trades on 1947-49 base]

TRADE	1945	1950	1955	1960	1961	1962	1963	1964	1965	1966
Building trades:										
Rate	44.4	68.0	86.8	109.0	113.3	117.5	121.7	126.2	131.4	136.9
Hours	101.1	100.2	100.1	99.9	99.8	99.7	99.5	99.5	99.4	99.3
Journeymen:										
Rate	45.4	68.8	87.1	108.6	112.8	117.1	121.3	125.7	130.7	136.2
Hours	101.2	100.2	100.1	99.9	99.8	99.7	99.5	99.5	99.4	99.2
Helpers and laborers:										
Rate	38.1	63.9	84.5	110.6	115.9	120.1	124.4	129.7	135.8	141.4
Hours	100.7	99.9	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9
Printing trades:										
Rate	44.2	75.1	91.0	106.3	109.7	112.9	116.2	119.3	122.7	126.7
Hours	106.2	101.3	100.7	99.6	99.4	99.3	99.2	99.1	98.9	98.7
Book and job:										
Rate	43.6	74.7	90.7	106.9	110.6	114.0	117.4	120.7	124.4	128.6
Hours	108.3	101.8	100.9	99.4	99.2	99.1	99.0	99.0	98.7	98.4
Newspaper:										
Rate	45.6	76.3	91.6	105.4	108.4	111.3	114.4	117.1	120.1	123.9
Hours	103.1	100.9	100.5	99.9	99.8	99.7	99.6	99.3	99.3	99.0
Motortruck drivers and helpers:										
Rate	41.5	64.9	86.0	109.3	113.4	117.8	123.1	127.7	132.2	136.8
Hours	112.9	105.9	101.9	98.9	98.8	98.5	98.4	98.4	98.4	98.3
Local transit operators, rate	43.6	69.2	87.6	108.4	112.5	117.1	121.5	126.4	131.7	137.3

Source: Dept. of Labor, Bureau of Labor Statistics; annual reports, *Union Wages and Hours*.

No. 341. Percent of Workers Employed in Establishments Having Formal Provisions for Selected Supplementary Wage Benefits, 221 SMSA's: 1966

[Surveys relate geographically to the 221 standard metropolitan statistical areas in the United States, as established by the Bureau of the Budget through March 1965. Data for a majority of the workers relate to late 1965 and early 1966; for the remainder, to late 1964 and early 1965. Data obtained from sample of establishments which employ 50 workers or more, except in 12 of the largest areas where the minimum size was 100 employees for manufacturing, public utilities, and retail trade; see source. Excludes data for government institutions, and construction and extractive industries. Excludes administrative, executive, and professional employees]

TYPE OF BENEFIT	Office workers	Plant workers
PAID HOLIDAYS [1]		
No paid holidays	(2)	5
6 or more days	95	88
7 or more days	78	70
8 or more days	56	43
9 or more days	32	19
10 or more days	17	5
11 or more days	11	2
12 or more days	4	1
PAID VACATIONS [3]		
2 weeks or more:		
After 1 year of service	78	22
After 5 years of service	99	94
3 weeks or more:		
After 5 years of service	14	10
After 10 years of service	66	52
After 15 years of service	87	78
PAID VACATIONS [3]—Con.		
4 weeks or more:		
After 20 years of service	39	31
After 25 years of service	61	49
HEALTH, INSURANCE, AND PENSION PLANS		
Life insurance	96	92
Hospitalization	93	93
Surgical	93	92
Medical	82	75
Catastrophe	73	40
Sickness and accident insurance	41	63
Sick leave (full pay and no waiting period)	56	17
Sick leave (partial pay and/or waiting period)	9	12
Retirement pension	82	73

[1] Relates to holidays provided annually. Represents half-day and full-day holidays combined.
[2] Less than 0.5 percent. [3] Such payments as percentages of annual earning or flat-sum payments were converted to an equivalent time basis.

Source: Dept. of Labor, Bureau of Labor Statistics; *Wages and Related Benefits: All Metropolitan Areas, United States and Regional Summaries, 1965-66* (Bulletin No. 1465-86, Part Two).

No. 342. Employer Expenditures for Selected Supplementary Compensation Practices, by Regions: 1962

[Data based on a sample survey and cover production and related workers in manufacturing establishments having 1 or more paid employees. For composition of regions, see fig. I, p. xii]

Supplementary compensation practice	Percent of gross payroll					Cents per hour paid				
	United States	Northeast	South	North Central	West	United States	Northeast	South	North Central	West
Paid leave	6.0	6.4	5.1	6.1	5.9	14.5	15.2	10.4	15.9	16.2
Vacation	3.6	3.7	3.2	3.7	3.3	8.6	8.7	6.5	9.7	9.0
Holiday	2.1	2.4	1.6	2.2	2.2	5.1	5.7	3.2	5.6	5.9
Sick	0.3	0.3	0.3	0.2	0.4	.6	.7	.5	.5	1.2
Other [1]	(Z)	0.1	0.1	(Z)	(Z)	.1	.1	.1	.1	.1
Premium payments	4.2	3.8	4.3	4.6	4.0	10.2	9.2	8.8	12.0	10.8
Overtime, weekend, and holiday work	3.3	3.0	3.5	3.6	3.1	8.1	7.2	7.2	9.4	8.5
Shift differentials	0.9	0.8	0.8	1.0	0.9	2.1	2.0	1.6	2.5	2.4
Yearend, Christmas, and other irregular bonuses	0.7	0.9	0.6	0.6	0.5	1.7	2.2	1.3	1.6	1.5
Legally required insurance programs	5.8	6.1	5.7	5.3	6.4	13.9	14.5	11.5	13.9	17.5
Social security	2.6	2.6	2.8	2.5	2.5	6.3	6.3	5.7	6.7	6.9
Unemployment compensation	2.1	2.4	1.9	1.9	2.3	5.1	5.8	3.9	4.8	6.3
Workmen's compensation	1.0	0.9	0.9	0.9	1.5	2.4	2.1	1.9	2.3	4.2
Other [2]	(Z)	0.1	(Z)	(Z)	(Z)	.1	.3	(Z)	(Z)	.1
Private welfare plans	5.4	5.3	4.8	6.1	4.7	13.1	12.7	9.9	15.8	12.8
Life, accident, and health insurance	2.7	2.6	2.2	3.1	2.5	6.5	6.3	4.5	8.0	6.8
Pension and retirement plans	2.4	2.3	2.3	2.6	2.0	5.7	5.6	4.7	6.7	5.4
Vacation and holiday funds	(Z)	0.1	(Z)	(Z)	(Z)	.1	.1	(Z)	.1	.1
Severance or dismissal pay and supplemental unemployment benefits	0.3	0.2	0.2	0.4	0.2	.6	.5	.4	.9	.4
Savings and thrift plans	0.1	0.1	0.1	(Z)	(Z)	.1	.1	.3	.1	.1

Z Less than 0.05. [1] Includes military, jury, witness, voting, and personal leave.
[2] Principally State temporary disability insurance.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employer Expenditures for Selected Supplementary Compensation Practices for Production and Related Workers, and Composition of Payroll Hours, Manufacturing Industries, 1962* (Bulletin No. 1428).

No. 343. Farm Employment and Wage Rates: 1950 to 1967

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series K 73, K 75, K 76 (for indexes on 1910–14 base), and K 77–80]

Year or month	Employment [1] (1,000)			Wage rates [4]				Index of farm wage rates (1957–59 =100)
				Per month		Per day		
	Total	Family [2]	Hired [3]	With board and room	With house	With board and room	Without board or room	
1950	9,926	7,597	2,329	$99	$121	$4.45	$4.50	74
1955	8,381	6,345	2,036	123	154	5.40	5.30	89
1960	7,057	5,172	1,885	149	192	6.50	6.60	107
1961	6,919	5,029	1,890	151	195	6.50	6.60	110
1962	6,700	4,873	1,827	155	200	6.70	6.90	112
1963	6,518	4,738	1,780	159	206	6.90	7.10	116
1964	6,110	4,506	1,604	162	212	7.10	7.30	119
1965	5,610	4,128	1,482	171	223	7.40	7.60	126
1966	5,214	3,854	1,360	185	243	8.00	8.20	136
Apr. 1	5,035	3,906	1,129	180	237	7.30	8.00	138
1967, Apr. 1	4,758	3,702	1,056	192	253	7.80	8.70	146

[1] Data are arithmetic means of monthly estimates of persons employed during last full calendar week in each month.
[2] Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week.
[3] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.
[4] Weighted averages of wage rates as reported quarterly by crop reporters.

Source: Dept. of Agriculture, Statistical Reporting Service; monthly report, *Farm Labor*.

No. 344. Farm Wage Workers—Number and Percent Distribution, by Selected Characteristics and by Earnings at Farm Wage Work: 1966

[**Persons 14 years old and over.** Refers to civilian noninstitutional population. Based on sample and subject to sampling variability; see source for detailed explanation. For definition of median, see headnote, table 8]

Characteristic	Workers (1,000)	Average daily earnings (percent distribution)							Median earnings per day [1]
		Under $3.00	$3.00 to $4.99	$5.00 to $6.99	$7.00 to $8.99	$9.00 to $10.99	$11.00 to $12.99	$13.00 and over	
All workers	2,763	10	20	20	16	14	8	12	$6.95
COLOR									
White	2,031	8	14	20	17	17	9	15	7.95
Nonwhite	733	14	39	22	11	7	2	5	4.85
SEX									
Male	2,051	9	17	19	17	16	8	14	7.60
Female	712	12	31	24	10	9	6	8	5.50
AGE AND MIGRATORY STATUS									
14 to 19 years	1,151	15	24	22	18	10	4	7	5.95
Migratory	130	10	7	18	24	19	10	12	8.25
Nonmigratory	1,021	16	26	22	17	9	4	6	5.65
20 years and over	1,611	6	18	19	14	17	10	16	8.00
Migratory	221	4	2	17	14	17	18	28	10.45
Nonmigratory	1,389	6	20	20	14	17	8	15	7.55
DURATION OF FARM WAGE WORK									
Under 25 days	1,130	11	25	21	15	13	5	10	6.35
25 to 74 days	717	10	21	23	17	11	8	10	6.65
75 to 149 days	339	12	11	19	16	17	9	16	8.05
150 to 249 days	211	4	18	18	13	19	10	18	8.50
250 to 299 days	107	6	18	17	14	19	13	13	8.15
300 days and over	260	8	15	15	18	15	9	20	8.30
REGION [2]									
Northeast	216	17	12	12	13	21	5	20	8.40
North Central	519	9	12	23	22	14	9	11	7.60
South	1,292	10	33	28	12	10	3	4	5.50
West	736	8	7	9	17	18	15	26	10.00

[1] Rounded to the nearest 5 cents. [2] For composition of regions, see fig. I, p. xii.

Source: Dept. of Agriculture, Economic Research Service; *The Hired Farm Working Force of 1966*.

No. 345. Farm Employment, by Geographic Divisions: 1940 to 1966

[**In thousands.** Excludes Alaska and Hawaii. Annual average number of persons employed during last full calendar week of each month]

Geographic division [1]	1940	1945	1950	1955	1960	1963	1964	1965	1966
Total workers [2]	10,979	10,000	9,926	8,381	7,057	6,518	6,110	5,610	5,214
New England	235	225	219	188	137	121	116	108	104
Middle Atlantic	679	626	616	502	402	344	321	292	270
East North Central	1,604	1,471	1,568	1,424	1,204	1,115	1,044	952	886
West North Central	1,804	1,744	1,779	1,537	1,338	1,258	1,202	1,114	1,050
South Atlantic	2,110	1,880	1,812	1,509	1,238	1,153	1,057	975	853
East South Central	1,780	1,545	1,432	1,098	883	820	784	707	666
West South Central	1,662	1,397	1,407	1,146	940	864	782	706	663
Mountain	474	446	418	365	332	305	293	273	266
Pacific	631	666	675	612	583	538	511	483	456
Hired workers [3]	2,679	2,119	2,329	2,036	1,885	1,780	1,604	1,482	1,360
New England	75	65	71	69	46	42	38	34	34
Middle Atlantic	207	174	185	137	111	93	84	77	66
East North Central	319	214	237	206	182	177	152	132	117
West North Central	315	241	275	216	195	184	164	154	146
South Atlantic	488	358	417	395	381	376	343	326	279
East South Central	297	216	240	216	208	208	183	162	163
West South Central	504	375	423	362	339	317	278	251	214
Mountain	183	164	151	134	126	110	105	98	99
Pacific	291	312	330	301	297	273	257	248	242

[1] See table 337 for States comprising each division. [2] Includes operators and unpaid family members.
[3] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: Dept. of Agriculture, Statistical Reporting Service. In annual report, *Agricultural Statistics*.

No. 346. Monthly Labor Turnover Rates in Manufacturing Industries: 1955 to 1966

[**Rates per 100 employees.** Prior to 1960, excludes Alaska and Hawaii. Data refer to wage and salary workers. Beginning 1960, transfers between establishments of the same firm are included in total accessions and total separations; therefore, rates for these items are not strictly comparable with prior data. See *Historical Statistics, Colonial Times to 1957*, series D 771–784, for related but not comparable data]

Type and year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions: [1]													
1955	4.5	3.8	3.7	4.2	4.2	4.5	5.3	4.5	5.8	5.5	5.0	4.0	2.9
1960	3.8	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3
1964	4.0	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6
1965	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
New hires:													
1955	3.0	2.0	2.1	2.6	2.6	3.0	3.8	3.3	4.1	3.9	3.5	2.9	2.0
1960	2.2	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0
1964	2.6	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6
1965	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.1	3.1	2.1
Total separations: [2]													
1955	3.9	3.3	2.8	3.3	3.6	3.7	4.0	4.1	4.7	5.5	4.4	3.8	3.6
1960	4.3	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8
1964	3.9	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7
1965	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.7	4.4	3.9	4.1
1966	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
Quits:													
1955	1.9	1.2	1.2	1.5	1.8	1.7	1.8	2.0	2.7	3.5	2.2	1.8	1.3
1960	1.3	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	0.9	0.7
1964	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
Layoffs:													
1955	1.5	1.7	1.2	1.4	1.4	1.3	1.5	1.6	1.5	1.4	1.6	1.5	1.8
1960	2.4	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6
1964	1.7	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	0.9	1.0	2.0	1.1	1.0	1.1	1.3	1.8

[1] Includes rehires.
[2] Includes discharges and military and miscellaneous separations.

Source: Dept. of Labor, Bureau of Labor Statistics; *Employment and Earnings and Monthly Report on the Labor Force.*

No. 347. Workers Commuting—Distance, Transportation, and Travel Time to Work: 1963

[**Workers in millions.** As of October. Covers employed members of households who commute ¼ mile or more to work and who report to a definite work location at the beginning of the work day. Based on a nationwide probability sample of households and subject to sampling variability]

Item	Workers	Percent
Total	50	100
Distance from home to work:		
¼ to 1 mile	7	15
2 miles	6	13
3 miles	5	10
4 miles	4	7
5 miles	4	7
6 to 10 miles	12	24
11 miles or more	12	24
Means of transportation:		
Automobile, with others	13	26
Automobile, driver alone	28	56
Public transportation [1]	7	14
Walking or other	2	4
Travel time to work:		
Under 15 minutes	13	25
15 to 35 minutes	26	52
36 minutes and over	9	18
Time not reported	2	5
Distance from home to public transportation:		
Less than ¼ mile	18	35
¼ to ½ mile	7	13
Over ½ but less than 1 mile	2	4
1 mile or more	2	5
Public transportation not available or not reported	21	43

[1] Includes buses or streetcars, subways, elevated trains or other rapid transit, and suburban or intercity commuter trains.

Source: Dept. of Commerce, Bureau of the Census; 1963 Census of Transportation, Vol. I, *Passenger Transportation Survey.*

No. 348. Injury-Frequency Rates, 1960 to 1965, and Severity Measures, 1963 and 1964, for Selected Industries

[Frequency rate is average number of disabling work injuries, and severity rate is average number of days disability, per 1 million employee-hours worked. Data are on basis of Standard Industrial Classification as revised in 1957. See also *Historical Statistics, Colonial Times to 1957*, series D 785, for injury-frequency rates for manufacturing on old basis]

Industry	Injury-frequency rates				Severity measures			
	1960	1963	1964	1965 (prel.)	Average days of disability per case		Severity rate	
					1963	1964	1963	1964
Manufacturing	12.0	11.9	12.3	12.9	55	54	689	702
Ordnance and accessories	2.4	2.4	2.7	2.4	34	159	146	614
Food and kindred products	21.1	21.8	22.9	24.2	47	45	1,085	1,070
Tobacco manufactures	8.7	7.5	7.5	(NA)	(NA)	(NA)	(NA)	(NA)
Textile-mill products	9.2	9.2	9.1	9.2	57	51	528	482
Apparel and related products	6.7	6.4	6.6	7.2	28	23	169	147
Lumber and wood products (exc. furniture)	38.0	36.7	36.0	36.6	75	82	2,943	3,355
Furniture and fixtures	18.8	17.8	18.6	18.9	43	41	775	765
Paper and allied products	12.3	12.4	12.5	12.0	57	64	755	861
Printing, publishing, and allied industries	9.5	9.5	9.9	9.1	37	43	346	435
Chemicals and allied products	7.4	7.5	7.2	6.9	78	75	652	599
Petroleum refining and related industries	6.8	8.1	8.3	(NA)	77	105	659	880
Rubber products [1]	10.0	11.5	11.7	12.3	53	52	703	664
Leather and leather products	11.4	12.5	13.3	13.7	31	31	384	420
Stone, clay, and glass products	18.3	17.9	18.3	19.5	76	57	1,537	1,105
Primary metal industries	10.5	11.0	11.8	12.8	74	70	885	889
Fabricated metal products	15.4	15.9	16.4	18.9	45	52	773	884
Machinery (except electrical)	10.8	10.8	11.4	12.5	55	45	627	546
Electrical machinery, equip., and supplies	5.2	5.3	5.6	5.7	39	38	222	232
Transportation equipment	6.1	6.2	6.9	6.5	62	53	390	374
Instruments and related products	5.8	6.1	5.9	6.3	39	36	247	219
Miscellaneous manufacturing industries	12.7	12.7	13.5	13.4	40	37	519	513
Mining: [2]								
Coal mining and preparation	43.4	45.1	44.8	45.8	202	188	9,128	8,420
Peat	27.7	11.5	21.4	16.6	163	87	510	1,851
Asphalt and related bitumens (native)	41.2	42.4	42.0	30.9	260	398	14,576	16,701
Metal mining	32.4	32.1	31.9	31.1	131	152	4,212	4,833
Metal milling	9.2	9.5	9.3	10.5	137	115	1,298	1,090
Nonmetal mining	29.2	27.3	25.7	28.1	243	171	6,630	4,389
Nonmetal milling	20.9	19.5	22.2	19.2	(NA)	70	(NA)	1,550
Sand and gravel	20.3	20.1	19.7	19.2	(NA)	164	3,097	3,237
Stone quarrying and milling	23.3	18.2	18.2	18.2	(NA)	151	2,913	2,752
Contract construction	31.5	28.6	29.5	(NA)	78	83	2,219	2,434
Transportation and public utilities:								
Local and interurban passenger transit	14.3	12.3	14.8	(NA)	94	47	1,162	694
Motor freight transp. and warehousing	32.3	31.3	31.2	(NA)	64	62	1,998	1,950
Communication	1.0	0.9	1.0	(NA)	113	147	105	142
Electric, gas, and sanitary services	6.2	5.7	5.7	(NA)	155	147	887	832
Wholesale and retail trade	(NA)	12.2	11.8	(NA)	42	41	515	488
Finance, insurance, and real estate:								
Banking	2.4	2.3	2.4	(NA)	(NA)	(NA)	(NA)	(NA)
Credit agencies other than banks	2.5	0.7	1.6	(NA)	(NA)	(NA)	(NA)	(NA)
Security and commodity brokers, and serv.	1.0	1.2	0.5	(NA)	(NA)	(NA)	(NA)	(NA)
Insurance carriers	2.4	2.2	2.2	(NA)	77	81	169	179
Insurance agents, brokers, and services	(NA)	2.0	2.3	(NA)	(NA)	(NA)	(NA)	(NA)
Real estate	13.6	12.7	10.9	(NA)	(NA)	(NA)	(NA)	(NA)
Services:								
Hotels and other lodging places	13.5	13.5	13.5	(NA)	32	34	427	459
Personal services	7.9	8.4	8.9	(NA)	56	52	475	462
Miscellaneous business services	10.5	7.2	7.5	(NA)	43	83	308	630
Automobile repair, services, and garages	15.3	13.2	14.1	(NA)	(NA)	(NA)	(NA)	(NA)
Miscellaneous repair services	18.4	18.2	20.2	(NA)	(NA)	(NA)	(NA)	(NA)
Motion pictures	6.9	5.9	5.5	(NA)	(NA)	(NA)	(NA)	(NA)
Amusement and recreation, except motion pictures	13.6	14.4	14.4	(NA)	(NA)	(NA)	(NA)	(NA)
Medical and other health services	8.1	7.4	8.6	(NA)	32	27	242	236
Educational services	8.5	7.4	7.5	(NA)	43	50	320	377
Miscellaneous services	5.2	4.1	4.0	(NA)	(NA)	(NA)	(NA)	(NA)
State government:								
Hospitals	16.3	17.7	20.0	(NA)	38	37	671	744
Institutions of higher education	9.3	8.3	7.8	(NA)	27	43	225	335
Federal Government [3]	8.4	7.9	7.7	(NA)	66	67	522	516

NA Not available. [1] Includes miscellaneous plastics products.
[2] Compiled by Dept. of the Interior, Bureau of Mines. Excludes experience of office workers.
[3] Compiled by Dept. of Labor, Bureau of Employees' Compensation.

Source: Dept. of Labor, Bureau of Labor Statistics. Periodically in *Monthly Labor Review*, and annual report, *Injury Rates by Industry*.

No. 349. National and International Unions—Membership: 1940 to 1964

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers who were retired, unemployed, in the Armed Forces, or involved in work stoppages. Excludes membership in noninterstate independent or unaffiliated unions. See also *Historical Statistics, Colonial Times to 1957*, series D 741 and 745]

ITEM	1940	1950	1955	1960	1961	1962	1963	1964
Unions affiliated with AFL-CIO	147	137	139	134	131	130	129	129
Union membership, total 1,000	**8,944**	**15,000**	**17,749**	**18,117**	**17,328**	**17,630**	**17,586**	**17,976**
Canadian members of U.S. unions 1,000	227	733	947	1,068	1,025	1,044	1,062	1,135
Excluding Canadian members 1,000	8,717	14,300	16,802	17,049	16,303	16,586	16,524	16,841
Membership as percent of—								
Total labor force	15.5	22.0	24.4	23.3	22.0	22.2	21.8	21.9
Employment in nonagricultural establishments	26.9	31.5	33.2	31.5	30.2	29.9	29.2	28.9
AFL-CIO 1,000	7,872	12,143	16,062	15,072	14,572	14,835	14,818	15,150
Independent or unaffiliated unions 1,000	1,072	2,600	1,688	3,045	2,756	2,794	2,768	2,825

Source: Dept. of Labor, Bureau of Labor Statistics; *Handbook of Labor Statistics, Directory of National and International Labor Unions in the United States*, and unpublished data.

No. 350. Labor Union Membership—Total and Percent of Nonagricultural Employment, States: 1964

[Based on reports and estimates for national and international unions directly affiliated with the AFL-CIO, and members in single firm and local unaffiliated unions]

STATE	Total (1,000)	Percent of nonagricultural employment
United States	**17,188**	**29.5**
Alabama [1]	151	18.0
Alaska	21	32.2
Arizona [1]	81	20.8
Arkansas [1]	112	26.2
California	1,888	33.8
Colorado	124	21.6
Connecticut	244	24.6
Delaware	36	21.5
Florida [1]	201	13.1
Georgia [1]	150	12.7
Hawaii	50	24.2
Idaho	32	19.2
Illinois	1,394	37.9
Indiana	522	34.1
Iowa [1]	150	20.8
Kansas [1]	109	18.8
Kentucky	187	25.7
Louisiana	147	17.1
Maine	57	20.3
Maryland [2]	352	21.8
Massachusetts	572	29.1
Michigan	962	38.9
Minnesota	339	33.0
Mississippi [1]	53	11.6
Missouri	546	38.8
Montana	63	36.2
Nebraska [1]	78	19.3
Nevada [1]	49	32.8
New Hampshire	44	20.9
New Jersey	814	37.7
New Mexico	34	13.4
New York	2,507	39.4
North Carolina [1]	89	6.7
North Dakota [1]	21	14.8
Ohio	1,148	35.7
Oklahoma	86	13.7
Oregon	198	34.8
Pennsylvania	1,450	38.4
Rhode Island	89	29.6
South Carolina [1]	52	7.9
South Dakota [1]	14	9.5
Tennessee [1]	184	17.6
Texas [1]	370	13.3
Utah [1]	58	19.7
Vermont	22	19.3
Virginia [1]	179	15.5
Washington	367	43.1
West Virginia	192	42.0
Wisconsin	400	31.5
Wyoming [1]	19	19.2
Membership not classified	181	(X)

X Not applicable. [1] State has a right-to-work law. [2] Includes District of Columbia.

Source: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in the United States, 1965* (Bulletin No. 1493).

351. National and International Unions—Number and Members by Industry and Affiliation: 1964

[See headnote, table 349. "N.e.c." means not elsewhere classified]

Industry group	All unions			Union affiliation					
				AFL-CIO			Unaffiliated		
	Number [1]	Membership [2]	Percent	Number [1]	Membership [2]	Percent	Number [1]	Membership [2]	Percent
All unions	189	17,919	100.0	129	15,094	100.0	60	2,825	100.0
Manufacturing	108	8,342	46.6	79	7,376	48.9	29	965	34.2
, beverages, and tobacco	26	1,063	5.9	18	615	4.1	8	447	15.8
ing, textiles, and leather prod-s	24	1,216	6.8	17	1,199	7.9	7	18	0.6
iture, lumber, wood products, l paper	26	811	4.5	17	755	5.0	9	56	2.0
ing and publishing	15	355	2.0	11	344	2.3	4	10	0.4
leum, chemicals, and rubber	19	562	3.1	14	439	2.9	5	123	4.4
, clay, and glass	18	253	1.4	15	240	1.6	3	13	0.5
ls, machinery and equipment, ept transportation equipment	37	2,646	14.8	24	2,384	15.8	13	262	9.3
sportation equipment	19	1,197	6.7	14	1,185	7.9	5	12	0.4
ufacturing, n.e.c	32	238	1.3	23	214	1.4	9	23	0.8
Nonmanufacturing	101	8,125	45.3	75	6,602	43.7	26	1,523	53.9
ng and quarrying	12	321	1.8	7	68	0.5	5	252	8.9
ract construction	28	2,323	13.0	22	2,248	14.9	6	76	2.7
sportation	47	2,429	13.6	35	1,560	10.3	12	869	30.8
hone and telegraph	8	437	2.4	6	358	2.4	2	79	2.8
ric and gas utilities	17	305	1.7	11	266	1.8	6	39	1.4
e	18	1,217	6.8	14	1,059	7.0	4	158	5.6
nce and insurance	7	61	0.3	5	58	0.4	2	3	0.1
ce industries	27	981	5.5	23	960	6.4	4	21	0.8
ulture and fishing	6	40	0.2	3	18	0.1	3	22	0.8
nanufacturing, n.e.c	8	9	0.1	4	7	(Z)	4	2	0.1
Government	59	1,453	8.1	35	1,116	7.4	24	337	12.0
ral	56	897	5.0	34	572	3.8	22	325	11.5
and local	18	556	3.1	16	544	3.6	2	12	0.4

Less than 0.05 percent.
n cases where more than one industry group was applicable, the union was tabulated in each; therefore, l will not add to total.
umber of members computed by applying reported percentage figures to total membership, including mem-ip outside the United States.

rce: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in nited States, 1965* (Bulletin No. 1493).

352. National and International Unions Reporting 100,000 Members or More: 1962 and 1964

housands. Data are for unions with headquarters in the U.S. All unions not identified as independent (Ind.) are affiliated with the AFL-CIO]

Union	Members 1962	Members 1964	Union	Members 1962	Members 1964	Union	Members 1962	Members 1964
isters (Ind.)	1,457	1,507	Electrical (IUE)	295	271	Packinghouse	98	145
mobile workers	1,074	1,168	Railway and steamship clerks	300	270	Ironworkers	139	143
workers	879	965	Plumbers	251	256	Postal clerks	145	139
inists	868	808	State, county	220	235	Government (AFGE)	106	139
rical (IBEW)	793	806	Mine workers, District 50 (Ind.)	450	210	Bricklayers	151	135
enters	739	760	Painters	196	199	Transport workers	135	135
l and restaurant	445	445	Railroad trainmen	196	185	Transit union	134	133
ent, ladies'	441	442	Textile workers	183	177	Papermakers	130	133
rers'	429	432	Pulp, sulphite	174	176	Boilermakers	125	125
il clerks	364	428	Letter carriers	150	168	Maintenance of way	153	121
ing workers	376	377	Retail, wholesale	159	167	Railway carmen	126	121
cutters	333	341	Electrical (UE) (Ind.)	163	165	Sheet metal workers	111	117
ling service	294	320	Rubber	158	165	Printing pressmen	116	116
neers, operating	297	311	Oil, chemical	168	162	Firefighters	109	115
munications rkers	279	294				Typographical union	106	113
icians	282	275				Teachers	(NA)	100
						Mine workers (Ind.)	75	(NA)

A Not available.
urce: Dept. of Labor, Bureau of Labor Statistics; *Directory of National and International Labor Unions in nited States, 1965* (Bulletin No. 1493).

No. 353. Work Stoppages: 1940 to 1966

[Prior to 1959, excludes Alaska, and 1960, Hawaii. Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics, Colonial Times to 1957*, series D 764-769 and D 774]

Year	Work stoppages beginning in year		Workers involved		Man-days idle during year		
	Number	Average duration (calendar days)	Number[1] (1,000)	Percent of total employed[2]	Number (1,000)	Percent of estimated working time[3]	Per worker involved
1940	2,508	20.9	577	2.3	6,700	0.10	11.6
1945	4,750	9.9	3,470	12.2	38,000	0.47	11.0
1950	4,843	19.2	2,410	6.9	38,800	0.44	16.1
1955	4,320	18.5	2,650	6.2	28,200	0.26	10.7
1959	3,708	24.6	1,880	4.3	69,000	0.61	36.7
1960	3,333	23.4	1,320	3.0	19,100	0.17	14.5
1961	3,367	23.7	1,450	3.2	16,300	0.14	11.2
1962	3,614	24.6	1,230	2.7	18,600	0.16	15.0
1963	3,362	23.0	941	2.0	16,100	0.13	17.1
1964	3,655	22.9	1,640	3.4	22,900	0.18	14.0
1965	3,963	25.0	1,550	3.1	23,300	0.18	15.1
1966	4,405	22.2	1,960	3.7	25,400	0.19	12.9

[1] Workers counted more than once if involved in more than 1 stoppage during year.

[2] Total employed workers for 1940-1950 refers to all workers except those in occupations and professions in which there is little if any union organization or in which stoppages rarely if ever occur. In 1951, concept was changed to coincide with the Bureau of Labor Statistics figures for nonagricultural employment, excluding Government but including workers in all occupational groups. Tests show that percentage of total idleness computed on basis of these new figures usually differs by less than one-tenth of a point, while percentage of workers idle differs by about 0.5 or 0.6 of a point.

[3] Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

Source: Dept. of Labor, Bureau of Labor Statistics; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.

No. 354. Work Stoppages—Major Issues and Duration: 1964 to 1966

[Includes Alaska and Hawaii. See headnote, table 353. Issues data based on stoppages beginning in year; duration data on stoppages ending in year. See *Historical Statistics, Colonial Times to 1957*, series D 770-778, for related but not comparable data]

Major issues and duration	Work stoppages			Workers involved[1] (1,000)			Man-days idle during year (1,000)		
	1964	1965	1966	1964	1965	1966	1964	1965	1966
Major issues									
All issues	3,655	3,963	4,405	1,640	1,550	1,960	22,900	23,300	25,400
General wage changes	1,419	1,597	1,913	588	659	937	9,370	12,000	15,100
Supplementary benefits	101	114	71	44	50	36	966	711	802
Wage adjustments	168	198	272	64	98	139	345	594	1,910
Hours of work	12	14	5	3	15	2	23	510	93
Other contractual matters	61	60	38	18	19	10	180	251	171
Union organization and security	556	594	597	87	154	130	1,770	2,980	3,160
Job security	213	203	180	175	145	201	1,470	3,630	1,500
Plant administration	596	589	683	576	287	362	8,360	1,890	1,850
Other working conditions	51	67	96	17	31	61	132	298	362
Interunion or intraunion matters	454	475	516	65	81	80	307	438	446
Not reported	24	52	34	3	9	4	8	32	24
Duration									
All stoppages	3,660	3,972	4,396	1,590	1,600	1,920	22,700	23,800	24,700
1 day	414	447	525	180	179	201	180	179	201
2 and 3 days	564	565	693	202	158	244	415	328	487
4 days to less than 1 week	548	558	671	186	196	347	616	702	1,070
1 week to less than ½ month	816	822	936	285	285	368	1,800	1,950	2,400
½ to less than 1 month	548	642	647	198	383	323	2,380	5,080	4,240
1 to less than 2 months	442	476	491	458	200	301	11,000	5,140	7,660
2 to less than 3 months	139	241	223	32	170	95	1,640	6,100	3,920
3 months or more	189	221	210	53	34	38	4,750	4,340	4,750

[1] Workers counted more than once if involved in more than 1 stoppage during year.

Source: Dept. of Labor, Bureau of Labor Statistics; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.

No. 355. Work Stoppages, by Industry Groups: 1950 to 1966

[Prior to 1960, excludes Alaska and Hawaii. See headnote, table 353. Work stoppages affecting more than 1 industry are counted as separate stoppages in each industry affected, and workers involved and man-days idle are allocated among the appropriate industries]

Industry group	Work stoppages beginning in—						Workers involved [1] (1,000)						Man-days idle during year (1,000)					
	1950	1955	1960	1964	1965	1966	1950	1955	1960	1964	1965	1966	1950	1955	1960	1964	1965	1966
All industries	4,843	4,320	3,333	3,655	3,963	4,405	2,410	2,650	1,320	1,640	1,550	1,960	38,800	28,200	19,100	22,900	23,300	25,400
Manufacturing	2,705	2,420	1,598	1,794	2,080	2,295	1,450	2,000	707	994	913	922	22,900	18,800	11,200	15,700	14,300	13,700
Ordnance and accessories	2	13	3	8	12	13	1	11	10	7	10	9	6	140	136	154	121	63
Food and kindred products	185	169	184	186	227	187	57	40	66	55	57	47	691	974	651	866	928	528
Tobacco manufactures	5	3	2	1	–	–	3	(Z)	2	1	–	–	33	1	11	2	–	–
Textile mill products	147	96	30	37	44	56	48	48	5	8	21	26	686	1,400	34	124	174	195
Apparel and other finished products, etc.	187	139	87	106	100	100	18	15	12	25	10	12	228	136	134	225	199	263
Lumber and wood products (exc. furniture)	119	81	39	56	46	48	24	12	5	7	13	10	700	227	103	97	204	253
Furniture and fixtures	106	121	81	60	69	81	16	26	13	7	10	17	315	287	183	145	194	199
Paper and allied products	76	67	52	79	91	92	19	14	9	39	39	26	360	197	136	580	931	336
Printing, publishing, and allied industries	54	29	38	50	33	66	10	8	5	9	25	19	240	176	186	801	780	621
Chemicals and allied products	96	105	91	94	102	151	39	40	22	21	29	45	795	634	314	337	737	727
Petroleum refining and related industries	22	18	12	22	12	14	16	3	2	5	1	1	792	51	80	164	33	14
Rubber and misc. plastics products	136	105	53	67	93	83	136	124	30	30	55	27	385	490	261	452	443	433
Leather and leather products	84	50	32	34	36	32	25	40	6	6	20	8	157	542	64	67	312	99
Stone, clay, and glass products	132	110	98	117	139	142	45	33	18	23	71	32	652	495	228	412	836	594
Primary metal industries	309	279	158	173	206	219	142	535	94	88	88	99	1,180	1,570	1,880	1,010	1,390	1,540
Fabricated metal products (exc. ordnance, machinery, and transportation equip.)	278	282	195	228	269	277	86	131	44	80	87	76	969	1,590	579	1,550	1,430	1,290
Machinery (except electrical)	317	306	144	191	266	301	224	230	69	120	113	136	4,410	3,800	1,240	1,140	1,870	2,440
Electrical machinery equipment and supplies	168	147	102	105	137	189	132	202	97	63	52	168	1,420	3,300	1,260	859	795	2,410
Transportation equipment	171	200	122	120	140	162	368	440	189	386	196	150	8,540	1,910	3,550	6,410	2,630	1,330
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks	26	30	29	23	28	37	23	34	6	7	8	6	158	694	95	170	109	148
Miscellaneous manufacturing industries	96	99	54	49	54	48	19	14	5	9	7	8	237	191	74	146	164	181
Nonmanufacturing	2,138	1,913	1,740	1,865	1,886	2,110	959	646	610	646	633	1,040	15,900	9,400	7,900	7,210	9,020	11,700
Agriculture, forestry, and fisheries	12	11	81	18	21	20	21	3	8	3	4	5	152	14	160	44	60	51
Mining	508	343	154	155	188	194	196	114	49	83	72	96	9,700	1,080	700	808	431	794
Contract construction	611	733	773	944	943	977	237	204	269	248	301	455	2,460	1,810	4,470	2,790	4,630	6,140
Transportation, communication, etc.	386	275	266	257	216	240	405	253	200	205	185	312	2,380	4,860	1,750	1,900	3,000	3,390
Wholesale and retail trade	381	409	290	309	336	365	70	52	33	62	43	42	927	1,090	451	1,340	570	508
Finance, insurance, and real estate	31	8	6	17	16	14	13	1	6	1	1	2	53	27	7	10	6	28
Services—personal, business, and other	182	121	138	125	126	159	14	18	18	21	16	21	161	488	304	245	177	358
Government	28	17	36	41	42	142	4	1	29	23	12	105	33	7	58	71	146	455

presents zero. Z Less than 500.
ers counted more than once if involved in more than 1 stoppage during year.

Source: Dept. of Labor, Bureau of Labor Statistics; May (1951 and 1956), thereafter; June or July issues of *Monthly Labor Review*, and annual bulletin, *Analysis of Work Stoppages*.

No. 356. Work Stoppages, by States: 1964 to 1966

[See headnote, table 353. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and man-days idle are allocated among the appropriate States]

STATE	WORK STOPPAGES BEGINNING IN—			WORKERS INVOLVED [1] (1,000)			MAN-DAYS IDLE DURING YEAR					
							Number (1,000)			Percent of estimated working time [2]		
	1964	1965	1966	1964	1965	1966	1964	1965	1966	1964	1965	1966
United States	3,655	3,963	4,405	1,640	1,550	1,960	22,900	23,300	25,400	0.18	0.18	0.19
New England:												
Maine	14	17	19	5	4	3	91	41	47	0.15	0.07	0.07
New Hampshire	15	16	19	1	5	2	16	31	15	0.03	0.06	0.03
Vermont	11	9	9	1	1	4	64	15	102	0.26	0.06	0.37
Massachusetts	137	157	162	26	51	67	306	533	1,120	0.07	0.12	0.24
Rhode Island	30	26	33	6	8	7	63	131	138	0.09	0.19	0.19
Connecticut	66	68	67	24	38	20	172	496	251	0.08	0.21	0.10
Middle Atlantic:												
New York	420	397	470	160	186	236	1,590	2,860	3,120	0.11	0.20	0.21
New Jersey	243	211	211	75	46	62	1,320	805	776	0.27	0.16	0.15
Pennsylvania	388	404	474	119	132	171	1,180	1,640	1,710	0.14	0.19	0.19
East North Central:												
Ohio	340	369	431	191	97	184	2,690	1,460	2,190	0.38	0.20	0.28
Indiana	122	159	172	54	69	68	537	997	701	0.16	0.28	0.19
Illinois	247	248	278	127	102	134	1,520	1,370	1,940	0.18	0.16	0.22
Michigan	197	229	275	249	82	143	4,540	1,560	1,820	0.83	0.27	0.30
Wisconsin	81	86	102	50	37	42	582	456	707	0.21	0.16	0.24
West North Central:												
Minnesota	37	53	58	2	14	37	35	134	453	0.02	0.06	0.19
Iowa	69	71	96	25	12	19	245	144	184	0.16	0.09	0.11
Missouri	95	120	117	27	47	61	422	575	1,090	0.14	0.18	0.33
North Dakota	10	15	8	1	1	(Z)	8	9	3	0.03	0.03	0.01
South Dakota	3	7	8	1	(Z)	1	45	2	5	0.16	0.01	0.02
Nebraska	19	21	23	2	8	11	42	187	68	0.05	0.23	0.08
Kansas	20	30	40	6	19	9	128	131	92	0.11	0.11	0.07
South Atlantic:												
Delaware	19	16	20	10	5	4	154	47	25	0.41	0.12	0.06
Maryland	41	44	41	34	15	13	686	349	139	0.32	0.16	0.06
District of Columbia	10	7	12	1	1	7	11	17	104	0.01	0.02	0.13
Virginia	52	32	52	14	8	21	103	169	308	0.04	0.07	0.12
West Virginia	95	102	139	31	29	53	441	224	589	0.45	0.22	0.57
North Carolina	18	25	36	2	4	9	15	84	58	0.01	0.03	0.02
South Carolina	14	15	15	2	4	4	18	56	22	0.01	0.04	0.01
Georgia	42	61	62	19	22	27	331	385	658	0.13	0.15	0.24
Florida	106	121	115	38	40	63	662	727	939	0.20	0.22	0.26
East South Central:												
Kentucky	69	99	124	28	30	92	265	295	855	0.17	0.19	0.51
Tennessee	65	79	94	11	30	35	509	821	417	0.23	0.35	0.17
Alabama	83	70	68	27	32	31	243	328	487	0.14	0.18	0.26
Mississippi	22	35	35	8	18	14	135	315	77	0.14	0.33	0.07
West South Central:												
Arkansas	27	31	32	9	5	9	96	112	170	0.10	0.12	0.17
Louisiana	48	53	61	23	24	27	184	719	317	0.10	0.39	0.16
Oklahoma	22	44	23	2	8	7	12	99	53	0.01	0.08	0.04
Texas	91	110	143	26	42	58	336	661	884	0.06	0.11	0.14
Mountain:												
Montana	21	18	15	21	4	1	94	19	14	0.28	0.06	0.04
Idaho	23	23	24	2	4	10	36	21	114	0.11	0.06	0.31
Wyoming	4	9	8	1	(Z)	5	2	6	47	0.01	0.03	0.26
Colorado	35	33	33	6	6	14	45	52	237	0.04	0.05	0.20
New Mexico	14	21	15	3	6	2	41	45	48	0.09	0.09	0.10
Arizona	18	22	23	3	22	6	69	614	52	0.09	0.78	0.06
Utah	23	17	27	19	6	13	375	73	97	0.66	0.13	0.17
Nevada	34	36	24	15	12	4	114	268	121	0.36	0.83	0.36
Pacific:												
Washington	48	52	64	23	42	44	273	676	659	0.16	0.38	0.33
Oregon	17	39	50	13	12	14	147	145	168	0.12	0.12	0.13
California	266	341	274	92	150	84	1,910	2,340	1,070	0.16	0.20	0.09
Alaska	8	10	10	(Z)	1	1	10	15	13	0.11	0.14	0.12
Hawaii	26	24	28	3	8	5	8	45	44	0.02	0.11	0.10

Z Less than 500.

[1] See footnote 1, table 353. [2] See footnote 3, table 353.

Source: Dept. of Labor, Bureau of Labor Statistics; annual bulletin, *Analysis of Work Stoppages;* release, *Work Stoppages by State;* and *Monthly Labor Review.*

Section 9

National Defense and Veterans Affairs

This section presents statistics on national defense and its human and financial costs; military personnel, ships, and aircraft; Selective Service operations; and various Federally sponsored programs and benefits for veterans. The principal sources of these data are the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, and Air Force; the Selective Service System; *Annual Report of the Administrator of Veterans Affairs*, Veterans Administration; and *Budget of the United States Government*, Bureau of the Budget. Data on veterans also appear in reports of the Census of Population, conducted by the Bureau of the Census.

Department of Defense.—Until 1947, the Army, Navy, and Air Force operated under independent jurisdiction, answering only to the Commander-in-Chief, the President of the United States. In 1947, passage of the National Security Act resulted in the National Military Establishment, organized to provide for the coordination and unified direction of the Army, Navy, and Air Force under a civilian Secretary of Defense. The three services remained separately administered, however, and each retained its Department status. Amendments to the Act in 1949 redesignated the National Military Establishment as the Department of Defense.

Selective Service.—The Selective Service System is responsible for the registration, classification, selection, forwarding for examination, and delivery for induction into the Armed Forces of all men required to register under the Universal Military and Training Act, as amended. The act requires all men in the United States between the ages of 18 and 26 to register, and makes those between 18½ and 26 years old liable for service in the Armed Forces. It also provides exemptions from service or deferments for reasons of previous service, essential occupation, etc. Deferred persons remain liable for service until they reach 35 years of age. Selective Service is also authorized to determine availability of members of the Standby Reserve of the Armed Forces for order to active duty in time of war or national emergency.

Reserve components.—The reserve components of the Armed Forces are the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. The purpose of the reserve components is to provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as required by the National security. Whenever Congress determines that more personnel are needed for the National security than are in the regular ground, sea, and air forces, units of the reserve components are ordered to active duty and retained as long as needed.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peace time, the National Guard is State-administered, under command of the State Governors. The State mission is to provide units organized, trained, and equipped to protect life and property and to preserve peace, order, and public safety. The Federal mission is to provide units capable and ready for mobilization in time of war or national emergency to support the Army and Air Forces. The President is also empowered to federalize the National Guard and to use such of the Armed Forces as he considers necessary to quell insurrection in any State against its government, to enforce Federal authority in any State, and to suppress interference with the execution of State and Federal law in a State by insurrection, violence, or conspiracy.

Veterans Administration.—The Veterans Administration administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased former members. Veterans benefits available under vari-

ous acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation for service-connected disability; education and training; guaranty or insurance of home, farm, and business loans; U.S. Government and National Service Life Insurance; hospitalization; domiciliary care; nursing home care; out-patient medical and dental care for service-connected disability; prosthetic and other appliances; special housing and automobiles or other conveyances for certain disabled veterans; burial allowances; and educational assistance to sons and daughters of deceased or totally disabled veterans.

Estimates of veterans in civil life as published by the Veterans Administration generally cover all persons with war service and include those living outside the United States. Similar data from the Bureau of the Census relate to civilian males, 14 years old and over, who live in the United States and who have served in the Armed Forces, whether in war or peacetime.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 357. Budget Expenditures for National Defense and Veterans Benefits and Services: 1930 to 1968

[**In millions of dollars, except percent.** Refers to Federal administrative budget for years ending June 30. Includes expenditures of Department of Defense, Veterans Administration, and other agencies for activities *primarily* related to national defense and veterans programs. See also *Historical Statistics, Colonial Times to 1957*, series Y 357–358 and Y 360]

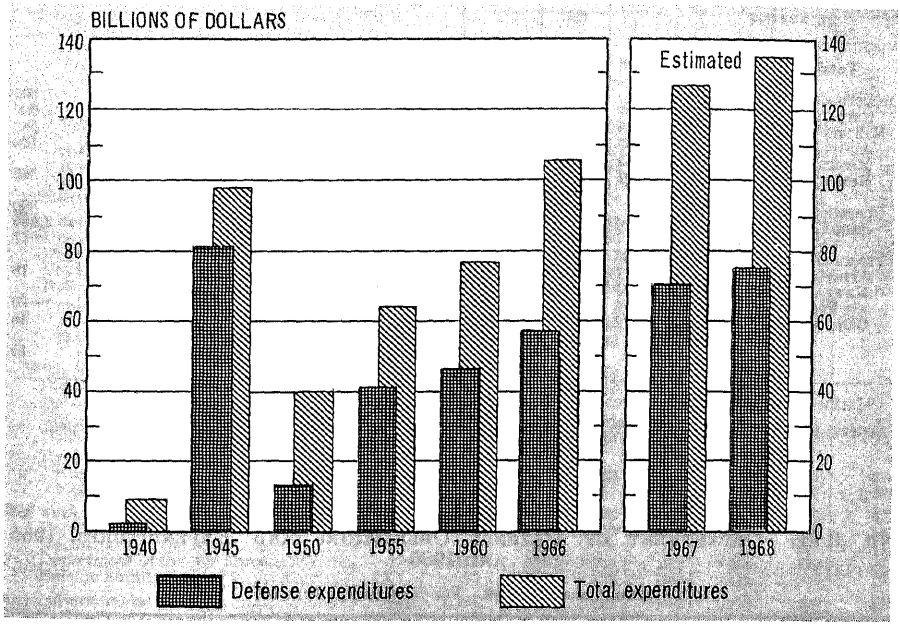
Year	Total administrative budget expenditures	National defense			Veterans benefits and services		Year	Total administrative budget expenditures	National defense			Veterans benefits and services	
		Amount	As percent of— Total	As percent of— GNP[1]	Amount	Percent of total			Amount	As percent of— Total	As percent of— GNP[1]	Amount	Percent of total
1930	3,320	734	22.1	.8	821	24.7	1954	67,537	46,986	69.6	12.9	4,341	6.4
1935	6,497	711	10.9	1.0	607	9.3	1955	64,389	40,695	63.2	10.2	4,522	7.0
1940	9,055	1,498	16.5	1.5	552	6.1	1956	66,224	40,723	61.5	9.7	4,810	7.3
1941	13,255	6,054	45.7	4.9	566	4.3	1957	68,966	43,368	62.9	9.8	4,870	7.1
1942	34,037	23,970	70.4	15.2	558	1.6	1958	71,369	44,234	62.0	9.9	5,184	7.3
1943	79,368	63,216	79.6	33.0	606	0.8	1959	80,342	46,483	57.9	9.6	5,287	6.6
1944	94,986	76,757	80.8	36.5	745	0.8	1960	76,539	45,691	59.7	9.1	5,266	6.9
1945	98,303	81,277	82.7	38.3	2,095	2.1	1961	81,515	47,494	58.3	9.1	5,414	6.6
1946	60,326	43,226	71.7	20.7	4,415	7.3	1962	87,787	51,103	58.2	9.1	5,403	6.2
1947	38,923	14,398	37.0	6.2	7,381	19.0	1963	92,642	52,755	56.9	9.0	5,186	5.6
1948	32,955	11,779	35.7	4.6	6,653	20.2	1964	97,684	54,181	55.5	8.6	5,492	5.6
1949	39,474	12,926	32.7	5.0	6,725	17.0	1965	96,507	50,163	52.0	7.4	5,495	5.7
1950	39,544	13,018	32.9	4.6	6,646	16.8	1966	106,978	57,718	53.9	[2] 8.1	5,023	4.7
1951	43,970	22,471	51.1	6.8	5,400	12.3	1967[3]	126,729	70,222	55.4	(NA)	6,394	5.0
1952	65,303	44,037	67.4	12.7	4,933	7.6	1968[3]	135,033	75,487	55.9	(NA)	6,124	4.5
1953	74,120	50,442	68.1	13.8	4,368	5.9							

NA Not available.
[1] Gross national product; see table 452.
[2] Preliminary.
[3] Estimate.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

FIG. XV. NATIONAL DEFENSE AND TOTAL ADMINISTRATIVE BUDGET EXPENDITURES: 1940 TO 1968

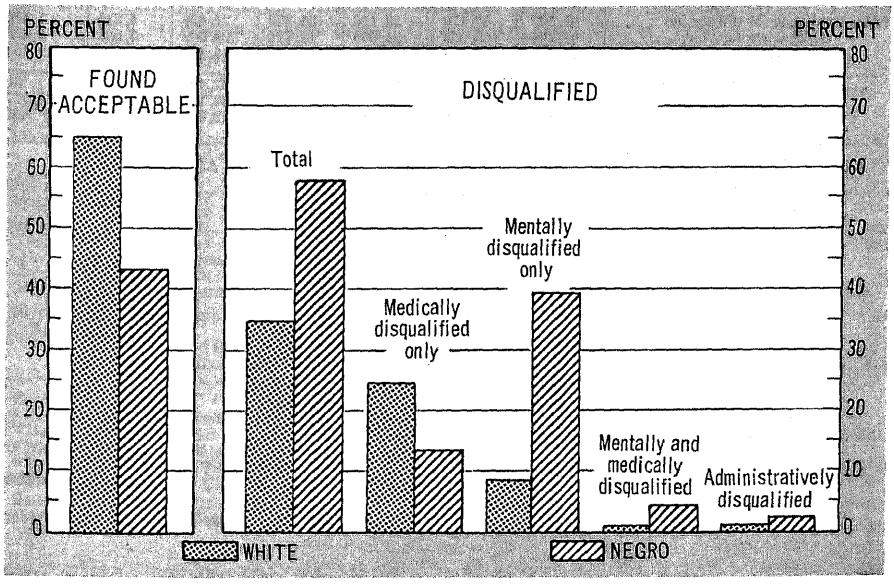
[See table 357]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Executive Office of the President, Bureau of the Budget.

FIG. XVI. SELECTIVE SERVICE DRAFTEES FOUND ACCEPTABLE AND DISQUALIFIED AS PERCENT OF TOTAL EXAMINED: 1966

[See table 384]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Army, Office of the Surgeon General.

No. 358. Budget Expenditures for National Defense: 1966 to 1968

[In millions of dollars. Refers to Federal administrative budget for years ending June 30]

COST CATEGORY, PROGRAM, OR AGENCY	1966	1967 est.	1968 est.
Total	57,718	70,222	75,487
Department of Defense, military	54,409	66,950	72,300
Military personnel	16,753	20,200	21,823
Active forces	14,407	17,465	18,903
Reserve forces	755	935	910
Retired pay	1,591	1,800	2,010
Operation and maintenance	14,710	18,600	19,017
Procurement	14,339	18,465	21,632
Army	2,671	4,450	5,370
Navy	5,075	6,055	6,954
Air Force	6,414	7,635	8,735
Other [1]	179	325	573
Dept. of Defense—Con.			
Research, development, test, and evaluation	6,259	6,700	7,200
Military construction	1,334	1,600	1,600
Family housing	647	570	582
Civil defense	86	97	100
Revolving and management funds	281	718	346
Military assistance	968	1,000	800
Atomic energy program	2,403	2,270	2,330
Defense-related activities	−62	1	57
Stockpiling of strategic and critical materials	16	20	19
Expansion of defense production	−152	−93	−30
Selective Service System	54	60	58
Emergency preparedness activities	20	14	10

[1] Marine Corps and Defense agencies.

Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government.*

No. 359. Department of Defense Obligations and Expenditures: 1965 and 1966

[In millions of dollars. For years ending June 30]

ITEM	Total	MILITARY FUNCTIONS					Civil functions
		Total	Army	Navy	Air Force	Other	
1965: Available for obligation	65,645	64,203	16,387	20,757	23,250	3,809	1,442
Obligation for year	54,487	53,174	13,999	15,630	20,036	3,508	1,313
Unobligated balance	11,158	11,029	2,388	5,127	3,214	300	129
Available for expenditure	80,685	79,116	17,748	29,014	27,928	4,426	1,569
Expended during year	47,370	46,173	11,600	13,399	18,216	2,958	1,197
Unexpended balance	33,315	32,943	6,147	15,615	9,712	1,468	372
1966: Available for obligation	81,709	80,179	23,156	25,380	27,429	4,215	1,530
Obligation for year	67,704	66,325	21,000	18,714	23,009	3,603	1,379
Unobligated balance	14,005	13,854	2,156	6,666	4,421	612	151
Available for expenditure	97,268	95,538	23,692	34,100	32,446	5,300	[1] 1,730
Expended during year	55,686	54,409	14,832	16,026	20,131	3,421	1,277
Unexpended balance	41,582	41,129	8,860	18,074	12,316	1,879	453

[1] Excludes Interoceanic Canal Commission now stated under "Other Independent Agencies."

Source: Dept. of Defense, Office of the Secretary; unpublished data.

No. 360. Department of Defense Military Procurement: 1960 to 1967

[**In millions of dollars.** Net values; for years ending June 30, except as noted. Includes all new prime contracts; debit or credit changes in contracts are included only if they involve $10,000 or more. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

Procurement action and department	1960	1962	1963	1964	1965	1966	1967 1st qtr.	1967 2d qtr.
Total	**23,689**	**29,254**	**29,379**	**28,796**	**27,997**	**38,243**	**11,391**	**9,697**
Department of the Army	5,882	7,555	[1] 6,555	[1] 6,553	[1] 6,328	11,298	2,439	2,880
Department of the Navy	7,421	8,767	8,235	8,995	8,969	10,464	3,598	2,533
Department of the Air Force	10,386	11,769	11,919	10,547	9,658	10,741	3,598	2,480
Defense Supply Agency [2]	(X)	1,163	2,670	2,701	3,042	5,740	1,756	1,804
With business firms for work in U.S. [3]	**21,302**	**26,147**	**27,143**	**26,221**	**25,281**	**34,026**	**10,049**	**8,727**
Department of the Army	4,911	6,403	[1] 5,825	[1] 5,653	[1] 5,475	9,994	2,110	2,580
Department of the Navy	6,746	8,001	7,803	8,447	8,333	9,075	3,129	2,263
Department of the Air Force	9,645	10,738	11,189	9,766	8,795	9,683	3,263	2,278
Defense Supply Agency [2]	(X)	1,005	2,326	2,355	2,678	5,274	1,547	1,606
Type of contract:								
Advertised	2,978	3,412	3,538	3,889	4,660	5,147	1,429	1,271
Negotiated	18,324	22,735	23,605	22,332	20,621	28,879	8,620	7,456
With small business firms [4]	3,440	4,622	4,301	4,519	4,943	7,269	1,892	1,903
Department of the Army	1,528	1,761	[1] 1,187	[1] 1,280	[1] 1,339	1,867	367	435
Department of the Navy	1,048	1,371	1,193	1,287	1,375	1,753	481	416
Department of the Air Force	864	1,026	978	939	1,055	1,205	424	301
Defense Supply Agency [2]	(X)	464	943	1,013	1,174	2,444	620	751
Type of contract:								
Advertised	1,175	1,089	867	930	1,058	1,530	321	374
Negotiated	2,265	3,533	3,434	3,589	3,885	5,739	1,571	1,529
For work outside U.S. [5]	**1,226**	**1,454**	**1,271**	**1,325**	**1,366**	**2,530**	**855**	**673**
Department of the Army	604	680	[1] 522	[1] 570	[1] 576	974	244	233
Department of the Navy	394	403	152	206	179	753	251	177
Department of the Air Force	228	275	269	229	271	385	159	80
Defense Supply Agency [2]	(X)	96	328	320	340	418	201	183
Intergovernmental [6]	**781**	**1,156**	**347**	**562**	**612**	**1,015**	**290**	**178**
Educational and nonprofit institutions	**380**	**497**	**618**	**688**	**738**	**672**	**197**	**119**

X Not applicable. [1] Includes other defense agencies.
[2] Includes awards since Jan. 1, 1962, for certain common supplies for which procurement responsibility was transferred from the military departments. [3] Includes Puerto Rico and outlying areas.
[4] Covers firms not dominant in their fields of operation and generally employing fewer than 500 persons; in some cases, firms with less than 750 employees, or with less than 1,000. For certain types of firms, other criteria are used, such as yearly gross sales. [5] Covers all awards for work to be performed in foreign countries.
[6] Through 1962, includes interservice purchases; thereafter, covers only purchases from other Federal agencies.

Source: Dept. of Defense, Office of the Secretary; *Military Prime Contract Awards and Subcontract Payments or Commitments.*

No. 361. Employment—Defense-Related Agencies Compared With Total Federal and Total United States: 1955 to 1965

[**In thousands, except percent.** Employment figures are annual averages]

Item	1955	1960	1962	1963	1964	1965
U.S. employment, including military personnel	65,992	69,195	70,673	71,546	73,095	74,901
Federal military and civilian [1]	**5,323**	**4,820**	**5,220**	**5,149**	**5,129**	**5,141**
Military personnel	3,048	2,514	2,827	2,737	2,738	2,722
Civilian personnel [1]	2,275	2,306	2,393	2,412	2,391	2,419
Defense-related agencies [1]	1,100	984	1,007	993	978	983
Department of Defense [2]	1,086	969	993	979	964	968
Atomic Energy Commission [3]	6	7	7	7	7	7
Selective Service System	7	6	7	7	7	8
Office of Emergency Planning [4]	1	2	(Z)	(Z)	(Z)	(Z)
Federal defense-related employment	4,148	3,498	3,834	3,730	3,716	3,705
As percent of:						
Federal military and civilian employment	77.9	72.6	73.4	72.4	72.5	72.1
U.S. employment including military	6.3	5.1	5.4	5.2	5.1	4.9

Z Less than 500.
[1] Includes U.S. citizens employed by U.S. Government abroad; excludes foreign nationals so employed.
[2] Beginning 1962 includes civil defense, assigned in prior years to Office of Civil and Defense Mobilization.
[3] Partially engaged in defense activities.
[4] Established Sept. 22, 1961. 1955 data are for Office of Defense Mobilization and Federal Civil Defense Administration; 1960, for Office of Civil and Defense Mobilization.

Source: U.S. Arms Control and Disarmament Agency; *The Economic and Social Consequences of Disarmament,* and unpublished data. (Data from Bureau of Labor Statistics, Civil Service Comm., and Dept. of Defense.)

No. 362. Defense-Related Work—Wage and Salary Disbursements and Employment, by States: 1964

[Covers all wage and salary employees in 5 manufacturing industries primarily engaged in defense-related work, civilian personnel of Federal agencies engaged in defense-related work, and Federal military personnel. The 5 manufacturing industries are those engaged in the production of: Aircraft and parts, communication equipment, electronic components and accessories, ordnance and accessories, and ship and boat building and repairing. For Federal agencies included, see table 361]

Year and State	Disbursements (mil. dol.)					Employment (1,000)				
	Amount	Percent of— U.S.	Percent of— State personal income [1]	5 industries [2]	Federal personnel [3]	Number	Percent of— U.S.	Percent of— State nonagricultural employment [4]	5 industries [5]	Federal civilian [6]
U.S.	29,651	100.0	(X)	12,666	16,985	2,647	100.0	(X)	1,676	971
Ala.	542	1.8	9.0	99	443	54	2.0	6.4	14	41
Alaska	[7] 202	[7] 0.7	25.9	[7] 1	201	6	0.2	9.3	(Z)	6
Ariz.	291	1.0	8.2	135	156	25	0.9	6.5	18	7
Ark.	113	0.4	3.5	7	106	5	0.2	1.3	1	4
Calif.	6,038	20.4	10.8	3,540	2,498	547	20.7	9.8	407	140
Colo.	[7] 430	[7] 1.5	8.5	[7] 142	288	[7] 31	[7] 1.2	5.4	[7] 16	15
Conn.	857	2.9	9.4	761	96	105	4.0	10.6	102	3
Del.	[7] 55	[7] 0.2	3.3	[7] (Z)	54	2	0.1	0.9	(Z)	1
Dist. of Col.	280	0.9	9.8	5	275	31	1.2	5.1	(Z)	31
Fla.	1,024	3.5	8.0	380	644	78	2.9	5.1	51	27
Ga.	805	2.7	9.6	156	649	53	2.0	4.5	20	33
Hawaii	[7] 356	[7] 1.2	19.7	[7] 1	355	19	0.7	9.1	(Z)	19
Idaho	[7] 41	[7] 0.1	2.9	[7] 1	40	1	(Z)	0.5	(Z)	1
Ill.	954	3.2	3.0	488	466	107	4.0	2.9	78	29
Ind.	490	1.7	4.0	341	149	63	2.4	4.1	50	12
Iowa	143	0.5	2.2	90	53	16	0.6	2.2	15	1
Kans.	462	1.6	8.9	245	217	40	1.5	6.9	35	5
Ky.	[7] 326	[7] 1.1	5.6	[7] 27	299	[7] 17	[7] 0.6	2.4	[7] 5	12
La.	[7] 361	[7] 1.2	5.5	[7] 150	211	[7] 28	[7] 1.1	3.3	[7] 21	7
Maine	145	0.5	6.8	33	112	15	0.6	5.4	6	9
Md.	1,106	3.7	11.2	268	838	79	3.0	7.8	34	45
Mass.	908	3.1	5.7	513	395	100	3.8	5.1	77	24
Mich.	350	1.2	1.6	106	244	26	1.0	1.1	15	12
Minn.	146	0.5	1.7	86	60	15	0.6	1.5	13	2
Miss.	[7] 199	[7] 0.7	6.0	[7] 44	155	[7] 13	[7] 0.5	2.9	[7] 7	6
Mo.	648	2.2	5.7	398	250	71	2.7	5.1	55	16
Mont.	57	0.2	3.6	(Z)	57	1	(Z)	0.6	(Z)	1
Nebr.	178	0.6	5.1	46	132	12	0.5	2.9	7	4
Nev.	[8] 58	[8] 0.2	4.4	(D)	58	[8] 3	0.1	1.9	(D)	3
N.H.	[7] 128	[7] 0.4	8.2	[7] 44	84	[7] 9	[7] 0.3	4.4	[7] 8	1
N.J.	[7] 1,085	[7] 3.7	5.4	[7] 627	458	[7] 108	[7] 4.1	5.0	[7] 83	25
N. Mex.	[7] 222	[7] 0.7	10.8	[7] 38	184	[7] 17	[7] 0.6	6.6	[7] 5	12
N.Y.	1,718	5.8	3.0	1,065	653	184	7.0	2.9	136	48
N.C.	562	1.9	6.1	106	456	28	1.1	2.1	18	10
N. Dak.	[8] 64	[8] 0.2	4.7	(D)	64	[8] 1	(Z)	1.0	(D)	1
Ohio	1,016	3.4	3.8	485	531	107	4.0	3.3	64	42
Okla.	436	1.5	8.5	98	338	40	1.5	6.2	15	25
Oreg.	86	0.3	1.8	22	64	7	0.3	1.2	3	3
Pa.	1,182	4.0	4.0	549	633	147	5.6	3.9	80	67
R.I.	182	0.6	7.9	18	164	12	0.5	3.9	3	8
S.C.	374	1.3	8.8	21	353	20	0.8	3.1	5	15
S. Dak.	[8] 45	[8] 0.2	3.4	(D)	45	[8] 1	(Z)	1.0	(D)	1
Tenn.	202	0.7	2.9	39	163	15	0.6	1.4	8	7
Tex.	1,795	6.1	7.9	539	1,256	136	5.1	4.9	74	62
Utah	261	0.9	12.2	104	157	33	1.2	11.1	14	19
Vt.	[7] 23	[7] 0.1	2.7	[7] 18	5	[7] 3	[7] 0.1	2.6	[7] 3	(Z)
Va.	[7] 1,541	[7] 5.2	15.7	[7] 208	1,333	[7] 113	[7] 4.3	9.8	[7] 30	83
Wash.	933	3.1	11.9	505	428	82	3.1	9.6	60	22
W. Va.	27	0.1	0.8	7	20	2	0.1	0.5	1	1
Wis.	158	0.5	1.5	98	60	16	0.6	1.3	14	2
Wyo.	[7] 40	[7] 0.1	4.8	[7] 3	37	[7] 1	(Z)	1.3	[7] 1	1

D Not shown to avoid disclosure for individual firms. X Not applicable. Z Less than 500 employees, $500,000 disbursements or 0.05 percent. [1] For base data, see table 463, *Statistical Abstract* 1966.

[2] Preliminary. Reported on quarterly contribution reports of employers covered by State unemployment insurance laws; excludes disbursements to proprietors and self-employed.

[3] Military and civilian. Disbursements to civilians are gross, before withholding. Excludes disbursements to foreign nationals employed. Disbursements to the military are derived as the sum of (*a*) gross earnings of military personnel stationed in the State, less amounts withheld by the government and sent to dependents, and (*b*) allotments received by military dependents resident in the State.

[4] For base data, see table 307, *Statistical Abstract* 1965. [5] Preliminary. Workers covered by State unemployment insurance laws. Excludes proprietors, self-employed, and unpaid family workers.

[6] As of Dec. 31. Excludes foreign nationals and U.S. citizens employed by the U.S. Government abroad.

[7] Understated. Data for 1 or more of the 5 manufacturing industries were not separately shown, to avoid disclosure for individual firms. [8] Excludes data for 5 industries.

Source: Dept. of Labor, Bureau of Labor Statistics; unpublished data.

No. 363. Defense Contract Awards and Payrolls—States: 1964 to 1966

[In millions of dollars. For years ending June 30. Data for contracts refer to awards made in fiscal year specified; expenditures relating to those awards may extend over several years]

STATE	1964			1965			1966		
	Contract awards [1]	Estimated annual payroll		Contract awards [1]	Estimated annual payroll		Contract awards [1]	Estimated annual payroll	
		Military personnel [2]	Civilians [3]		Military personnel [2]	Civilians [3]		Military personnel [2]	Civilians [3]
Total	**27,470**	**7,760**	**6,306**	**26,631**	**7,781**	**6,774**	**35,713**	**8,257**	**7,211**
Alabama	191	119	222	165	130	228	282	144	233
Alaska	102	144	41	74	138	57	72	163	51
Arizona	174	86	47	177	105	48	248	107	46
Arkansas	30	69	30	39	54	29	96	55	20
California	5,100	973	917	5,154	983	1,046	5,813	1,067	1,195
Colorado	390	190	97	250	163	100	256	183	128
Connecticut	1,126	23	20	1,180	23	23	2,052	20	28
Delaware	30	45	9	38	43	8	37	41	9
District of Columbia	223	141	194	244	142	230	328	192	166
Florida	783	335	164	633	362	166	767	375	191
Georgia	520	388	220	662	396	224	799	421	240
Hawaii	52	192	125	72	183	121	64	208	153
Idaho	8	31	3	12	31	3	20	26	3
Illinois	429	208	193	422	219	200	920	250	217
Indiana	538	38	80	605	41	83	1,068	48	95
Iowa	104	8	4	134	8	4	248	9	4
Kansas	289	165	33	229	173	32	313	118	33
Kentucky	40	186	79	43	172	79	70	191	90
Louisiana	181	139	46	256	128	44	303	168	46
Maine	32	64	11	69	65	10	51	64	10
Maryland	548	221	264	584	254	343	843	257	304
Massachusetts	1,032	151	165	1,179	153	172	1,336	166	186
Michigan	591	105	78	533	105	83	918	106	80
Minnesota	218	24	14	260	24	13	498	27	15
Mississippi	156	115	41	152	105	42	162	116	47
Missouri	1,349	114	106	1,061	104	114	1,113	147	141
Montana	16	46	6	69	50	6	14	55	8
Nebraska	34	105	29	43	101	25	80	92	30
Nevada	6	38	18	19	40	18	32	36	19
New Hampshire	65	42	63	52	41	62	110	35	61
New Jersey	918	185	165	820	166	171	1,090	212	182
New Mexico	72	111	73	84	111	75	86	117	80
New York	2,496	178	336	2,229	174	342	2,819	197	320
North Carolina	273	341	68	288	344	63	449	266	74
North Dakota	192	52	8	49	59	8	83	70	10
Ohio	1,029	109	250	863	111	333	1,589	120	329
Oklahoma	123	154	165	120	161	169	158	167	191
Oregon	29	25	24	40	26	23	90	23	20
Pennsylvania	883	71	451	989	77	510	1,665	81	521
Rhode Island	38	34	57	86	38	56	132	40	65
South Carolina	52	185	99	82	185	99	176	250	117
South Dakota	23	33	9	21	34	9	23	37	9
Tennessee	194	79	45	197	90	45	502	93	45
Texas	1,294	774	396	1,447	798	399	2,292	834	444
Utah	340	22	128	191	24	139	170	27	169
Vermont	14	1	(Z)	32	2	–	81	2	–
Virginia	691	453	534	473	444	540	426	453	575
Washington	1,086	204	148	546	211	157	444	194	175
West Virginia	87	3	7	90	3	7	149	3	1
Wisconsin	177	22	15	203	22	12	365	20	15
Wyoming	49	25	6	8	25	4	11	25	4
Undistributed	3,053	194	–	3,363	140	–	4,000	139	16

– Represents zero. Z Less than $500,000.

[1] Awards of $10,000 or more for supplies, services, and construction. Figures reflect impact of prime-contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 360.

[2] For shore-based personnel only. [3] Direct hire employees only.

Source: Dept. of Defense, Office of the Secretary; *Prime Contract Awards By State*, June 1966.

No. 364. Military Assistance Program: 1950 to 1967

[In millions of dollars. For years ending June 30. Programs and deliveries are military equipment, supplies, and services planned for delivery and actually delivered. Includes (a) equipment and supplies procured for the Military Assistance Program or from procurement or stocks of military departments; (b) services, such as training, military construction, repair and rehabilitation of excess stocks, supply operations, and other charges, the delivery of which is included on the basis of the expenditure for the service; and (c) purchases of military equipment and supplies initially credit financed or guaranteed with MAP funds. The fact that there is a military assistance program for a country is not to be construed as a commitment of the United States]

Area and country	Programs		Deliveries		
	1950–1967	1967 [1]	1950–1966	1967 estimate	July 1967 and after estimate
Worldwide	35,371.4	1,274.7	32,146.3	1,265.8	1,959.3
Far East	9,734.4	368.3	8,825.0	356.5	552.9
Australia	125.9	–	99.7	15.0	11.2
Cambodia	87.1	–	87.1	–	–
China, Rep. of	2,492.3	100.0	2,240.7	103.2	148.4
Indochina	709.6	–	709.6	–	–
Indonesia	63.6	.4	63.2	.2	.2
Japan	898.5	.4	856.1	28.7	13.7
Korea	2,524.9	165.0	2,148.1	147.6	229.2
Malaysia	23.9	20.2	.2	.9	22.8
Philippines	378.6	22.0	322.7	15.4	40.5
Thailand	667.6	60.0	540.7	40.5	86.4
Viet-Nam	1,511.7	–	1,511.7	–	–
Other	250.7	.3	245.2	5.0	.5
Near East	5,665.6	454.6	4,510.4	513.4	641.9
Greece	1,489.0	65.0	1,303.9	75.2	109.8
Iran	1,036.8	141.6	673.9	156.9	206.0
Iraq	46.8	.2	46.6	.2	.1
Israel	27.6	–	21.9	1.5	4.2
Jordan	68.2	12.6	42.1	24.6	1.5
Lebanon	29.8	21.1	8.7	.1	21.1
Saudi Arabia	241.5	79.8	88.0	90.8	62.8
Turkey	2,703.1	134.0	2,303.1	163.9	236.1
Other	22.8	.3	22.2	.2	.3
Europe	14,247.9	32.0	14,086.1	83.7	78.3
Belgium	1,247.1	–	1,243.4	1.6	2.2
Denmark	617.6	.1	610.6	7.0	–
France	4,233.4	–	4,222.3	7.0	4.1
Germany	900.8	–	900.8	–	–
Italy	2,289.7	–	2,285.1	4.6	–
Luxembourg	8.2	–	8.2	–	–
Netherlands	1,219.3	–	1,216.3	3.0	–
Norway	896.5	18.2	819.0	44.9	32.6
Portugal	322.8	1.0	308.5	2.6	11.7
Spain	573.1	12.4	534.7	11.7	26.7
United Kingdom	1,034.5	–	1,034.5	–	–
Yugoslavia	695.6	–	695.2	–	.4
Other	209.3	.3	207.5	1.3	.6
Africa	113.9	30.5	54.4	22.5	36.8
Congo (Leopoldville)	21.8	4.0	11.0	5.0	5.8
Liberia	7.2	.9	4.8	.5	1.9
Libya	31.5	19.0	9.8	2.3	19.4
Morocco	41.4	4.0	21.5	12.6	7.3
Other	12.0	2.6	7.3	2.1	2.4
Latin America	925.3	85.5	660.0	102.0	163.2
Argentina	71.1	15.9	22.0	19.8	29.3
Bolivia	18.5	3.4	13.0	2.0	3.5
Brazil	271.0	29.6	196.6	33.3	41.1
Chile	96.2	5.2	75.4	9.3	11.5
Colombia	83.0	8.1	59.6	6.9	16.5
Cuba	10.6	–	10.6	–	–
Dominican Republic	19.2	3.1	12.6	2.6	4.0
Ecuador	37.8	3.0	31.0	2.9	3.9
Guatemala	12.3	1.2	9.4	1.0	1.9
Mexico	7.1	.1	5.7	.3	1.1
Nicaragua	10.0	1.2	7.9	.8	1.3
Paraguay	7.0	1.0	4.2	1.0	1.8
Peru	107.7	5.0	84.8	10.3	12.6
Uruguay	38.9	1.5	34.2	1.7	2.9
Venezuela	96.8	4.2	63.5	6.1	27.2
Other	38.1	3.0	29.5	4.0	4.6
Worldwide and nonregional [2]	4,684.5	303.9	4,010.5	187.6	486.4

– Represents zero. Z Less than $50,000. [1] Estimated as of Jan. 9, 1967.
[2] Includes values for programs and deliveries for which data are not disclosed.

Source: Dept. of Defense, Office of the Secretary; *Military Assistance Facts*, Mar. 10, 1967.

No. 365. Department of Defense Property: 1960 and 1966

[In millions of dollars. As of June 30]

Military department and type of property	1960 Total	1960 U.S. and possessions	1960 Foreign countries and afloat	1966 Total	1966 U.S. and possessions	1966 Foreign countries and afloat
Department of Defense	**154,617**	**123,460**	**31,157**	**183,570**	**139,337**	**44,233**
Real property inventory	[1] 31,997	[1] 27,766	4,231	[1] 38,390	[1] 33,880	4,510
Construction in progress, cost of work in place	[2] 2,417	[2] 1,883	534	[2] 1,466	[2] 1,016	450
Personal property inventory	[3] [4] 120,203	[3] 93,811	26,392	[5] 143,714	[5] 104,441	39,273
Army	38,344	32,562	5,782	38,239	29,480	8,759
Real property inventory	[1] 9,762	[1] 9,068	694	10,991	10,006	985
Construction in progress, cost of work in place	[2] 324	[2] 245	79	374	335	39
Personal property inventory	[3] [4] 28,258	[3] 23,249	5,009	26,874	19,139	7,735
Navy (including Marine Corps)	57,449	39,841	17,608	73,935	47,314	26,621
Real property inventory	9,304	8,758	546	10,417	9,503	914
Construction in progress, cost of work in place	643	543	100	597	401	196
Personal property inventory	[4] 47,502	[6] 30,540	[7] 16,962	62,921	[6] 37,410	[7] 25,511
Air Force	58,824	51,057	7,767	68,623	59,789	8,834
Real property inventory	12,931	9,940	2,991	16,982	14,371	2,611
Construction in progress, cost of work in place	1,450	1,095	355	495	280	215
Personal property inventory	[4] 44,443	40,022	4,421	51,146	45,138	6,008
DSA, personal property inventory [8]	(X)	(X)	(X)	2,391	2,391	(Z)
Office of the Secretary of Defense and other defense agencies, personal property inventory	(NA)	(NA)	(NA)	382	363	19

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

[1] Excludes real property under jurisdiction of Civil Works Division Office, Chief of Engineers, Dept. of the Army, in the following amounts: 1960, $4,825 million; 1966, $11,786 million.

[2] Excludes construction under jurisdiction of Civil Works Division Office amounting to $2,299 million in 1960 and $3,717 million in 1966.

[3] Excludes personal property under jurisdiction of the Civil Works Division Office in the amount of $189 million. Includes $2 million personal property of the Office of the Secretary of Defense.

[4] Includes Supply System inventories in transit as follows: Army, $84 million; Navy, including Marine Corps, $595 million; Air Force, $618 million.

[5] Excludes $311 million personal property under jurisdiction of Civil Works Division Office.

[6] Includes Reserve Fleet.

[7] Includes active fleet, supplies afloat, and organic property of Fleet Marine Force.

[8] Defense Supply Agency established in 1961.

Source: Dept. of Defense, Office of the Secretary; *Real and Personal Property of the Department of Defense.*

No. 366. Civil Defense—Federal Matching Funds Obligated, and State and Local Government Expenditures: 1952 to 1966

[In thousands of dollars. Total adjusted obligations as of June 30, 1966; initial obligations as of end of year for which funds were appropriated. Federal funds are made available to help State and local governments acquire civil defense emergency operating centers, survival supplies, equipment and training; and for personnel and administrative expenses. States and outlying areas are required to match Federal funds on an equal basis, except that for 1952 to 1957, matching ratio for Alaska was 70 percent Federal and 30 percent local]

Item	1966 adjusted total	1952 to 1966, total	1952 to 1963	1964	1965	1966
Federal matching funds obligated	**210,760**	**250,199**	**177,019**	**23,735**	**25,581**	**23,865**
Emergency operating centers program [1]	142,215	30,798	16,150	4,438	5,761	4,449
Survival supplies, equip., and training program		148,072	134,745	4,976	4,348	4,003
Personnel and administrative expense program	[2] 68,545	[2] 71,330	[2] 26,123	14,321	15,472	15,414
State and local expenditures [3]	**(X)**	[4] 484,226	[4] 296,387	55,552	59,787	[5] 72,500
State government expenditures [3]	(X)	[4] 147,281	[4] 87,448	20,293	18,292	[5] 21,248
Local government expenditures [3]	(X)	[4] 336,945	[4] 208,939	35,259	41,495	[5] 51,252

X Not applicable.

[1] Prior to 1957, emergency operating centers included with survival supplies, equipment, and training.

[2] Total for period beginning fiscal year 1961, when program began.

[3] Direct expenditures for civil defense, including funds received from Federal Government.

[4] Total for period beginning fiscal year 1957.

[5] Estimated by State and local governments as of end of fiscal year 1965.

Source: Dept. of Defense, Office of Civil Defense; unpublished data.

No. 367. Fallout Shelters and Radiological Monitoring Stations, States and Other Areas: 1966

[As of June 30. Facility defined as any building, mine, or cave providing shelter space for 50 or more people and protection to extent that radiation would be reduced to at least 1/40 of what it would be with no protection; space defined as area in a facility required to shelter 1 person. Monitoring station defined as a designated location protected to extent that radiation would be reduced to 1/100 of what it would be with no protection and having trained monitors, radiological equipment, and relatively reliable communications]

STATE OR OTHER AREA	SHELTERS								Monitoring stations
	Located [1]		Licensed [2]		Marked [3]		Stocked [4]		
	Facilities	Spaces (1,000)	Facilities	Spaces (1,000)	Facilities	Spaces (1,000)	Facilities	Spaces [5] (1,000)	
Total	**165,839**	**149,624**	**93,032**	**89,268**	**95,419**	**85,286**	**74,667**	**41,294**	[6] **58,062**
Alabama	1,846	1,319	1,343	982	1,249	891	1,182	742	1,238
Alaska	252	113	182	86	166	72	182	78	177
Arizona	555	516	312	287	232	196	275	203	661
Arkansas	1,432	822	1,180	679	1,164	676	1,087	410	676
California	7,151	11,329	3,645	6,775	2,876	5,191	2,909	2,579	7,759
Colorado	1,652	1,485	1,016	939	846	692	869	670	433
Connecticut	2,914	2,220	1,847	1,632	1,530	1,294	1,583	900	1,027
Delaware	623	332	420	271	325	244	386	101	158
Dist. of Columbia	3,027	3,824	1,131	2,444	1,107	2,348	1,058	631	144
Florida	1,861	2,494	1,096	1,526	914	1,351	879	773	1,034
Georgia	1,951	2,912	1,436	2,219	1,242	2,060	1,162	970	2,813
Hawaii	481	342	257	206	204	160	203	96	301
Idaho	397	184	331	151	293	131	312	134	375
Illinois	7,809	10,158	4,405	5,368	4,066	4,624	3,211	1,647	897
Indiana	2,763	2,169	1,608	1,378	1,786	1,364	1,419	950	529
Iowa	2,212	1,283	1,509	863	1,670	985	1,215	529	864
Kansas	2,717	1,657	1,726	1,219	1,837	1,258	1,337	620	1,083
Kentucky	1,678	1,991	1,057	1,213	1,159	1,319	947	835	1,113
Louisiana	882	1,237	619	800	687	895	507	437	1,706
Maine	649	311	439	255	391	235	364	157	961
Maryland	2,394	2,183	1,689	1,531	1,485	1,306	1,357	728	993
Massachusetts	6,623	5,077	3,400	2,632	3,064	2,461	2,410	1,196	1,524
Michigan	4,774	4,979	2,785	3,087	2,653	2,832	2,399	1,263	833
Minnesota	3,413	2,899	2,455	2,183	2,165	1,651	2,360	1,269	946
Mississippi	540	380	456	337	464	336	417	322	890
Missouri	4,147	4,357	2,062	2,428	1,919	2,358	1,505	932	1,150
Montana	662	333	510	263	437	208	493	205	534
Nebraska	2,748	974	1,715	606	1,633	595	1,150	365	681
Nevada	267	226	176	165	134	112	162	139	378
New Hampshire	460	208	295	144	260	126	283	121	465
New Jersey	7,878	6,218	3,904	3,548	4,118	3,711	2,661	1,342	1,901
New Mexico	525	306	450	264	422	231	413	160	783
New York	40,657	34,344	18,080	17,032	25,302	19,441	14,437	6,658	4,016
North Carolina	1,955	1,463	1,367	1,128	1,044	818	1,174	700	864
North Dakota	591	258	458	225	352	191	411	176	714
Ohio	7,168	6,270	4,180	3,401	4,710	3,659	2,989	1,610	2,251
Oklahoma	1,485	1,259	1,273	1,032	1,236	1,020	1,247	760	1,404
Oregon	1,372	1,203	849	791	614	683	604	392	496
Pennsylvania	12,910	11,712	7,305	7,287	6,460	6,546	5,312	2,572	2,625
Rhode Island	688	577	508	417	341	306	376	219	399
South Carolina	696	538	463	371	477	357	380	230	645
South Dakota	666	300	568	255	381	210	507	205	501
Tennessee	1,876	1,883	1,254	982	1,397	1,225	1,136	778	770
Texas	3,793	5,066	2,630	3,445	2,372	2,868	2,093	1,733	2,327
Utah	1,939	734	668	388	607	333	628	252	481
Vermont	323	138	253	115	230	117	236	86	295
Virginia	3,503	2,748	1,762	1,727	1,979	1,806	1,242	715	791
Washington	2,134	2,004	1,633	1,510	1,472	1,376	1,473	999	774
West Virginia	872	524	590	360	665	390	493	266	606
Wisconsin	3,935	2,775	2,621	1,740	2,169	1,469	2,424	1,137	2,208
Wyoming	376	176	270	121	208	108	251	96	377
Puerto Rico	1,382	733	748	406	817	399	462	167	394
Outlying areas	235	81	96	52	88	51	95	41	67

[1] Based on National Fallout Shelter Survey.
[2] Facility owner has signed fallout shelter license which permits use of facility as a public shelter.
[3] Official fallout shelter signs posted on facility.
[4] Survival items (food, water, sanitation, and medical supplies) placed in shelters.
[5] Number of spaces accommodated by supplies; not total capacity of facilities stocked.
[6] Includes 30 monitoring stations in outlying areas of U.S. not allocated by area.

Source: Dept. of Defense, Office of Civil Defense; *Annual Statistical Report*, 1966.

No. 368. Summary of Major Military Forces: 1955 to 1966

[As of June 30]

DESCRIPTION	1955	1957	1959	1960	1961	1962	1963	1964	1965	1966
Department of the Army:										
Divisions	20	18	15	14	14	[1] 16	16	16	16	17
Regiments and regimental combat teams	12	9	5	5	6	6	4	4	4	4
Armored combat commands	–	–	1	1	1	–	–	–	–	–
Infantry brigades	–	–	2	2	2	1	4	7	7	9
Infantry battle groups	–	–	8	9	8	9	6	–	–	–
Missile commands	–	2	4	4	4	3	2	2	2	1
Air defense battalions	122	118	85	80¼	77¼	65¼	63¼	58¼	56¾	55
Special forces groups	–	–	–	–	3	4	6	7	7	7
Active aircraft inventory	3,539	4,447	5,199	5,528	5,564	5,648	6,001	6,338	6,933	8,098
Department of the Navy:										
Commissioned ships	1,030	967	860	812	819	900	857	859	880	909
Warships	402	409	386	376	375	397	383	388	407	410
Other ships	628	558	474	436	444	503	474	471	473	499
Carrier air groups	17	17	16	16	17	18	17	17	17	17
Carrier antisubmarine air groups	(X)	(X)	(X)	11	11	12	11	11	11	10
Carrier antisubmarine squadrons [2]	19	20	22	31	31	34	31	31	31	28
Marine divisions	3	3	3	3	3	3	3	3	3	4
Marine aircraft wings	3	3	3	3	3	3	3	3	3	3
Active aircraft inventory	12,821	11,617	9,649	8,863	8,793	9,176	8,756	8,391	8,056	8,260
Operating aircraft	9,761	9,421	7,562	6,759	6,682	7,458	7,165	6,949	6,620	6,485
Logistical support aircraft	3,060	2,196	2,087	2,104	2,111	1,718	1,591	1,442	1,436	1,775
Department of the Air Force:										
USAF Wings	121	137	105	96	88	97	86	83	78	74
Strategic	46	50	43	40	37	36	33	33	28	23
Air defense	29	32	27	23	19	18	18	14	13	11
Tactical (including airlift)	46	55	35	33	32	43	35	36	37	40
Active aircraft inventory	23,694	25,969	20,890	18,712	16,905	16,591	16,024	15,380	14,875	14,196
Operating aircraft	21,398	20,902	18,260	16,567	15,072	14,271	13,841	13,166	13,094	12,574
Nonoperating aircraft	2,296	5,067	2,630	2,145	1,833	2,320	2,183	2,214	1,781	1,622

– Represents zero. X Not applicable.
[1] Excludes 2 National Guard divisions on active duty during Berlin crisis.
[2] Beginning 1960, reorganized into carrier antisubmarine air groups.
Source: Dept. of Defense, Office of the Secretary; annual report, *Selected Manpower Statistics*.

No. 369. Composition of Selected Military Forces: 1966 to 1968

[As of June 30]

DESCRIPTION	1966	1967 est.	1968 est.
Strategic retaliatory forces:			
Intercontinental ballistic missiles (squadrons):			
Minuteman	17	20	20
Titan	6	6	6
Polaris submarines [1]	37	41	41
Polaris missiles	592	656	656
Strategic bombers (wings):			
B-52	13	12	11
B-58	2	2	2
Continental air and missile defense forces:			
Manned fighter interceptor squadrons	33	30	26
Interceptor missile squadrons (BOMARC)	6	6	6
Army air defense missile battalions	18	18	18
General purpose forces:			
Army divisions (combat ready)	17	17	17
Army maneuver battalions	191	198	198
Army aviation units	160	193	218
Army special forces groups	7	7	7
Warships [1]	373	378	370
Amphibious assault ships [1]	159	157	158
Carrier air groups (attack and ASW)	27	27	27
Marine Corps divisions/aircraft wings	4/3	4/3	4/3
Air Forces tactical forces squadrons	130	136	135
Airlift and sealift forces:			
Airlift aircraft (squadrons):			
C-130 through C-141	42	44	45
C-124	16	12	8
Troopships, cargo ships, and tankers	121	124	124

[1] In commission.
Source: Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

No. 370. Armed Forces Personnel—Summary of Major Conflicts

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See also *Historical Statistics, Colonial Times to 1957*, series Y 715-762]

Item and branch of service	Civil War [1]	Spanish American War	World War I	World War II	Korean conflict
Personnel serving	2,213,363	306,760	4,743,826	[2] 16,353,659	[3] 5,764,143
Army	2,128,948	[4] 280,564	4,057,101	11,260,000	2,834,000
Navy	84,415	22,875	599,051	4,183,466	1,177,000
Marines		3,321	78,839	669,100	424,000
Air Force [5]	(X)	(X)	(6)	(6)	1,285,000
Coast Guard [7]	(X)	(X)	8,835	241,093	44,143
Average duration of service ... months	20	8	12	33	19
Officers ... months	(NA)	8	14	39	24
Enlisted ... months	(NA)	8	12	33	18
Overseas service:					
Personnel serving ... percent	(NA)	[8] 29	53	73	[9] 56
Army ... percent	(X)	29	52	75	66
Navy ... percent	(NA)	(NA)	60	87	[10] 19
Marines ... percent	66	56	57	71	39
Air Force [5] ... percent	(X)	(X)	(6)	(6)	39
Average duration [11] ... months	(NA)	1.5	5.5	16.2	13.4
Army ... months	(X)	[12] 1.5	5.5	16.0	12.5
Navy ... months	(NA)	(NA)	(NA)	(NA)	(NA)
Marines ... months	(NA)	3.3	5.7	18.8	13.0
Air Force [5] ... months	(X)	(X)	(6)	(6)	17.0
Casualties: [13]					
Battle deaths	140,414	385	53,402	291,557	33,629
Army	138,154	[12] 369	[14] 50,510	234,874	27,704
Navy	2,112	[15] 10	431	36,950	458
Marines	148	6	[14] 2,461	19,733	4,267
Air Force [5]	(X)	(X)	(6)	(6)	1,200
Wounds not mortal	281,881	1,662	204,002	670,846	103,284
Army	280,040	1,594	[14] 193,663	565,861	77,596
Navy	1,710	47	819	[16] 37,778	1,576
Marines	131	21	[14] 9,520	67,207	23,744
Air Force [5]	(X)	(X)	(6)	(6)	368
Enlisted personnel:					
Occupation groupings ... percent	[17] 100.00	[18] 100.00	[19] 100.00	[20] 100.0	[21] 100.0
Technical and scientific ... percent	0.15	0.52	3.66	10.4	12.7
Administrative and clerical ... percent	0.73	3.13	7.99	12.6	18.1
Mechanics and repairmen ... percent	0.10	0.95	8.49	16.6	15.3
Craftsmen ... percent	0.50	0.14	13.03	5.9	4.7
Service workers ... percent	2.41	6.49	12.52	9.6	12.4
Operatives and laborers ... percent	2.91	2.18	20.20	6.1	6.5
Military-type occupations not elsewhere classified ... percent	93.20	86.59	34.11	38.8	30.3
Draftees:					
Classified	776,800	(X)	24,234,000	36,677,000	9,123,000
Examined	522,000	(X)	3,764,000	17,954,500	3,685,300
Rejected	160,200	(X)	802,518	6,419,700	1,188,600
Inducted	46,300	(X)	2,820,000	10,022,000	1,560,000

NA Not available. X Not applicable.

[1] Union forces only. Estimates of the number serving in the Confederate forces range from 600,000 to 1,500,000.
[2] Covers period Dec. 1, 1941, to Dec. 31, 1946. [3] Covers period June 25, 1950, to July 27, 1953.
[4] Covers period Apr. 21 to Aug. 13, 1898. [5] Originally organized in 1907. Established as Air Force under the Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. [6] Included in Army.
[7] Established Jan. 28, 1915. [8] Based on Army and Marines only. [9] Excludes Navy. See footnote 10.
[10] Covers period July 1950 through January 1955. Represents Far East area only. [11] During hostilities only.
[12] Covers war personnel who departed from conterminous U.S. through December 1898.
[13] For periods covered, see footnotes 2, 3, 4, and 10. [14] Includes gassed in action. Army data include casualties in northern Russia to Aug. 25, 1919, and in Siberia to Apr. 1, 1920; Marine data represent casualties in Europe only. [15] Excludes personnel lost in sinking of the *Maine*, which occurred 2 months before hostilities.
[16] Includes casualties incurred in October 1941, due to hostile action. [17] Covers only Army personnel base of 1,908,800.
[18] Covers only Army personnel base of 246,410. [19] Covers only Army personnel base of 3,665,000.
[20] Covers all services base of 9,370,986. [21] Covers all services base of 4,428,939.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Vol. I, 1956; and Dept. of Defense, Office of the Secretary, unpublished data.

No. 371. Military Personnel on Active Duty, by Branch of Service and by Sex: 1940 to 1968

[As of June 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty; excludes Coast Guard. Warrant officers and flight officers included under officers; Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates under enlisted personnel. Beginning 1963, excludes personnel paid for by agencies other than Department of Defense. See also *Historical Statistics, Colonial Times to 1957*, series Y 763–775]

Year	Grand total	Army [1]			Navy			Marine Corps			Air Force [2]		
		Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted
BOTH SEXES													
1940	458,365	269,023	18,326	250,697	160,997	13,604	147,393	28,345	1,800	26,545	(3)	(3)	(3)
1941	1,801,101	1,462,315	99,536	1,362,779	284,427	29,092	255,335	54,359	3,339	51,020	(3)	(3)	(3)
1942	3,858,791	3,075,608	206,422	2,869,186	640,570	69,564	571,006	142,613	7,138	135,475	(3)	(3)	(3)
1943	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,676	1,562,074	308,523	21,384	287,139	(3)	(3)	(3)
1944	11,451,719	7,994,750	776,980	7,217,770	2,981,365	276,153	2,705,212	475,604	32,788	442,816	(3)	(3)	(3)
1945	12,123,455	8,267,958	891,663	7,376,295	3,380,817	331,379	3,049,438	474,680	37,067	437,613	(3)	(3)	(3)
1946	3,030,088	1,891,011	267,144	1,623,867	983,398	141,161	842,237	155,679	14,208	141,471	(3)	(3)	(3)
1950	1,460,261	593,167	72,566	520,601	381,538	44,641	336,897	74,279	7,254	67,025	411,277	57,006	354,271
1955	2,935,107	1,109,296	121,947	987,349	660,695	74,527	586,168	205,170	18,417	186,753	959,946	137,149	822,797
1960	2,476,435	873,078	101,236	771,842	617,984	69,559	548,425	170,621	16,203	154,418	814,752	129,689	685,063
1962	2,807,819	1,066,404	116,050	950,354	666,428	75,302	591,126	190,962	16,861	174,101	884,025	134,908	749,117
1963	2,697,689	975,155	107,769	867,386	664,207	75,411	588,796	189,683	16,737	172,946	868,644	133,455	735,189
1964	2,685,161	972,445	110,276	862,169	667,163	76,257	590,906	189,751	16,819	172,932	855,802	133,029	722,773
1965	2,653,142	968,313	111,541	856,772	671,009	77,720	593,289	190,187	17,234	172,953	823,633	131,141	692,492
1966	3,091,552	1,199,046	117,205	1,081,841	744,469	79,457	665,012	261,687	20,485	241,202	886,350	130,285	756,065
1967 estimate	3,386,818	1,454,200	142,837	1,311,363	753,394	83,773	669,621	280,624	24,193	256,431	898,600	135,986	762,614
1968 estimate	3,464,302	1,520,000	154,900	1,365,100	762,288	85,014	677,274	294,914	25,211	269,703	887,100	137,828	749,272
FEMALE													
1941	6,104	5,433	5,433	–	671	671	–	(4)	(4)	(4)	(3)	(3)	(3)
1945	265,006	153,716	62,936	90,780	92,853	19,567	73,286	18,437	831	17,606	(3)	(3)	(3)
1950	22,069	10,982	4,431	6,551	5,193	2,447	2,746	580	45	535	5,314	1,532	3,782
1955	35,191	12,938	5,222	7,716	8,643	2,936	5,707	2,248	135	2,113	11,362	3,080	8,282
1960	31,550	12,542	4,263	8,279	8,071	2,711	5,360	1,611	123	1,488	9,326	3,675	5,651
1965	30,610	12,326	3,806	8,520	7,862	2,601	5,261	1,581	140	1,441	8,841	4,100	4,741
1966	32,589	13,322	4,143	9,179	8,196	2,808	5,388	1,832	153	1,679	9,239	4,189	5,050

– Represents zero.

[1] 1940 to 1946 includes Army Air Force and predecessor agencies. Excludes Army personnel assigned to Air Force Command.

[2] Includes Army personnel assigned to Air Force Command; excludes Air Force personnel assigned to Army Command. See footnote 1.

[3] Included in Army personnel.

[4] Authorized in 1943.

Source: 1940–1962, Dept. of Defense, Office of the Secretary; semiannual reports of the Dept., and departmental unpublished data. Beginning 1963, Executive Office of the President, Bureau of the Budget; *Budget of the United States Government*.

No. 372. Viet-Nam Conflict—U.S. Military Forces and Casualties: 1961 to 1967

[As of December 31, except as indicated]

ITEM	1961 to 1967, total	1961	1962	1963	1964	1965	1966	1967, 1st qtr.
MILITARY FORCES								
Total	**1,062,200**	**3,200**	**11,300**	**16,300**	**23,300**	**184,300**	**384,400**	**439,400**
Army	673,600	2,100	7,900	10,100	14,700	116,800	239,000	283,000
Navy [1]	58,900	100	500	800	1,100	8,400	23,000	25,000
Marine Corps	184,400	–	500	800	900	38,200	69,000	75,000
Air Force	144,200	1,000	2,400	4,600	6,600	20,600	53,000	56,000
Coast Guard	1,100	–	–	–	–	300	400	400
CASUALTIES								
Battle deaths [2]	**8,770**	**11**	**31**	**78**	**147**	**1,369**	**5,008**	**2,126**
Killed	7,233	1	19	53	112	1,127	4,175	1,746
Died of wounds	837	–	1	5	6	87	521	217
Died while missing	694	10	11	20	28	154	309	162
Died while captured	6	–	–	–	1	1	3	1
Wounded, nonfatal [2]	**51,361**	**3**	**78**	**411**	**1,039**	**6,114**	**30,093**	**13,623**

– Represents zero.
[1] Excludes personnel on ships off Viet-Nam's shores.
[2] Represents casualties from enemy action. Deaths exclude servicemen who died in accidents or from disease.

No. 373. Military Personnel on Active Duty and Civilian Employees of Military Agencies: 1950 to 1966

[**In thousands.** As of December 31. Excludes "indirect hire" civilians, i.e., foreign nationals rendering personal services to the military departments under contract or agreements with foreign governments]

ITEM	1950	1955	1960	1964	1965	1966
Total	**3,345**	**4,054**	**3,526**	**3,682**	**3,915**	**4,564**
Military	**2,357**	**2,887**	**2,494**	**2,663**	**2,857**	**3,334**
Civilian [1]	**988**	**1,167**	**1,032**	**1,019**	**1,057**	**1,230**
Army	1,510	1,521	1,257	1,327	1,448	1,861
Military	[2] 1,077	[2] 1,084	877	965	1,075	1,406
Civilian	434	437	381	362	373	456
Air Force	746	1,262	1,117	1,135	1,134	1,224
Military	[2] 559	[2] 937	811	843	842	903
Civilian	186	326	307	291	292	321
Navy and Marine Corps	1,087	1,269	1,150	1,181	1,275	1,403
Military, Navy	561	667	630	666	725	746
Military, Marine Corps	160	200	176	189	215	280
Civilian	366	402	343	327	335	377

[1] Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, and other defense activities, not shown separately.
[2] Represents "Command Strength."

No. 374. Military Personnel on Active Duty, by Location: 1960, 1965, and 1966

[**In thousands.** As of December 31]

ITEM	1960			1965			1966		
	Total	Shore-based	Naval afloat [1]	Total	Shore-based	Naval afloat [1]	Total	Shore-based	Naval afloat [1]
Total [2]	**2,494**	**2,125**	**369**	**2,857**	**2,429**	**429**	**3,334**	**2,894**	**441**
Conterminous U.S.	1,559	1,498	61	1,679	1,613	66	1,918	1,846	72
Alaska	31	31	(Z)	31	31	(Z)	31	31	(Z)
Hawaii	43	37	6	47	42	5	38	33	5
Outside U.S. [2]	663	560	103	889	743	146	1,131	984	147
U.S. territories	28	25	3	32	30	2	32	30	2
Foreign countries	546	532	13	719	704	14	960	941	19
Enroute or location unknown	3	3	(Z)	10	8	1	15	14	1

Z Less than 500.
[1] Includes mobile activities temporarily based ashore.
[2] Includes marines afloat and mobile activities not distributed by location.

Source of tables 372-374: Dept. of Defense, Office of the Secretary; annual report, *Selected Manpower Statistics*.

No. 375. Enlisted Military Personnel Procurement: 1951 to 1966

[In thousands. For years ending June 30]

BRANCH OF SERVICE	1951	1953	1955	1960	1961	1962	1963	1964	1965	1966
Total	**2,101**	**1,113**	**932**	**591**	**667**	**981**	**666**	**757**	**702**	**1,162**
Inductions	587	564	215	90	60	158	74	151	103	340
First enlistments	630	343	440	324	360	385	328	345	318	548
Reenlistments	274	153	237	152	221	266	218	229	247	223
Reserves to active duty [1]	609	54	40	25	26	172	45	32	34	51
Army	**1,084**	**735**	**452**	**260**	**267**	**499**	**270**	**361**	**294**	**573**
Inductions	587	564	215	90	60	158	74	151	102	318
First enlistments	153	80	120	102	116	127	112	116	102	170
Reenlistments	90	79	105	64	88	104	83	93	89	84
Reserves to active duty	254	13	13	4	2	111	1	1	1	2
Navy [2]	**430**	**138**	**172**	**148**	**163**	**198**	**169**	**169**	**170**	**223**
First enlistments	202	88	121	91	94	107	85	95	94	143
Reenlistments	72	20	28	37	47	56	53	45	44	42
Reserves to active duty	155	30	23	20	23	35	30	29	32	35
Marine Corps [2]	**154**	**62**	**40**	**50**	**40**	**51**	**42**	**52**	**46**	**113**
First enlistments	42	41	27	41	30	37	28	39	34	69
Reenlistments	16	13	9	9	8	10	12	12	11	11
Reserves to active duty	97	9	4	1	1	3	2	1	1	14
Air Force [2]	**433**	**178**	**268**	**133**	**197**	**233**	**185**	**174**	**192**	**253**
First enlistments	233	134	172	90	119	113	102	95	88	166
Reenlistments	96	41	96	43	78	96	71	79	104	87
Reserves to active duty	103	2	(Z)	(Z)	(Z)	23	12	(Z)	(Z)	(Z)

Z Less than 500. [1] Includes National Guard and involuntary calls to active duty.
[2] For some years, includes small number of inductions not shown separately. For 1966, Navy includes 3,000 and Marine Corps 20,000 such inductions.

Source: Dept. of Defense, Office of the Secretary; annual report, *Selected Manpower Statistics*.

No. 376. Military Personnel on Active Duty, by Age: 1940 to 1966

[In thousands. Estimated as of July 1. Includes Coast Guard and persons on active duty serving under Reserve Forces Act of 1955]

AGE	1940 [1]	1945 [1]	1950	1955	1959	1960	1961	1962	1963	1964	1965	1966
Total	**464**	**12,355**	**1,481**	**2,964**	**2,553**	**2,531**	**2,549**	**2,860**	**2,749**	**2,748**	**2,698**	**3,140**
Under 20 years	82	1,664	266	545	407	427	423	453	379	355	374	493
20 to 24 years	206	4,328	545	1,366	992	935	924	1,121	1,127	1,177	1,138	1,372
25 to 29 years	80	3,293	273	455	428	415	419	446	455	434	407	430
30 to 34 years	44	1,791	217	268	272	282	310	344	329	323	313	331
35 to 39 years	29	993	103	200	243	236	225	228	217	229	244	270
40 to 44 years	13	173	46	82	142	157	163	171	151	137	126	136
45 and over	9	112	31	49	69	80	85	97	91	93	97	108

[1] Based on fragmentary data.

Source: Dept. of Commerce, Bureau of the Census; unpublished data. Based on Dept. of Defense data.

No. 377. Coast Guard Personnel on Active Duty: 1940 to 1966

[As of June 30]

YEAR	Total	Officers [1]	Cadets	Enlisted	YEAR	Total	Officers [1]	Cadets	Enlisted
1940	13,756	1,351	144	12,261	1958	30,128	3,799	417	25,912
1941	19,029	1,380	199	17,450	1959	30,448	3,871	464	26,113
1942	58,998	3,507	205	55,286	1960	30,616	4,020	405	26,191
1943	154,975	8,338	206	146,431	1961	31,563	4,078	385	27,100
1944	169,259	11,980	234	157,045	1962	31,721	4,149	372	27,200
1945	171,192	12,683	219	158,290	1963	32,016	4,217	414	27,385
1946	26,406	3,240	183	22,983	1964	32,261	4,367	385	27,509
1950	23,190	2,906	296	19,988	1965	31,776	4,476	440	26,860
1955	28,607	3,520	533	24,554	1966	35,310	4,779	770	29,761

[1] Includes warrant officers.

Source: 1942–1945, Navy Dept.; unpublished data. All other years, Treasury Dept., U.S. Coast Guard; *Annual Report of the Secretary of the Treasury*.

No. 378. Military Reserve Personnel Not on Active Duty: 1950 to 1966

[In thousands. As of June 30. Excludes reserve personnel on extended active duty]

Branch of service	1950		1955		1960		1965		1966	
	Total	Paid [1] drill training	Total	Paid [1] drill training	Total	Paid [1] drill training	Total	Paid [1] drill training	Total	Paid [1] drill training
Total	2,631	839	2,985	826	4,147	997	2,576	932	2,769	969
Army	966	513	2,027	521	2,625	703	1,515	641	1,648	672
Army National Guard	[2] 353	326	[2] 378	358	[2] 408	402	[2] 386	379	[2] 426	421
Officers	32	31	40	35	39	37	36	34	35	34
Enlisted	321	296	338	324	368	365	350	345	391	387
Army Reserve	614	187	1,649	163	2,217	301	1,129	262	1,222	251
Officers	302	69	191	65	254	50	243	40	247	34
Enlisted	311	118	1,457	98	1,963	251	885	221	975	217
Navy	1,244	223	652	192	931	165	602	169	629	172
Naval Reserve	[3] 1,115	183	466	149	672	120	468	123	480	124
Officers	297	26	213	24	174	26	175	23	176	21
Enlisted	[4] 818	157	[4] 253	125	[4] 498	94	[4] 292	100	[4] 304	102
Marine Corps Reserve	[3] 129	40	186	43	258	45	134	46	149	49
Officers	26	3	25	4	24	4	20	3	21	3
Enlisted	103	36	161	39	235	41	114	43	128	46
Air Force	420	104	307	113	592	129	460	123	491	125
Air National Guard	45	45	61	61	71	71	76	76	80	80
Officers	7	7	7	7	9	9	10	10	10	10
Enlisted	38	38	55	55	62	62	66	66	70	70
Air Force Reserve	375	58	246	52	521	58	384	46	412	45
Officers	257	28	152	32	141	22	156	11	158	10
Enlisted	118	31	94	19	381	37	228	36	253	35

[1] Prior to 1960, comprises reserves in drill pay status; thereafter, also includes reserves undergoing active duty basic training. [2] Includes inactive National Guard.
[3] Strength not wholly comparable with later data due to change in definition of Reserve components as contained in the Reserve Forces Act of 1952.
[4] Includes Regular NROTC and Merchant Marine midshipmen.

Source: Dept. of Defense, Office of the Secretary; *Annual Report of the Secretary of Defense.*

No. 379. National Guard—Summary: 1950 to 1966

[Money figures in thousands of dollars. As of June 30. Includes Puerto Rico]

Item	1950	1955	1960	1965	1966
Army National Guard					
Units	4,863	5,205	4,386	3,999	3,995
Armories and facilities	2,893	3,419	3,829	3,906	3,923
All personnel [1]	324,761	357,542	401,765	378,985	420,924
Federal funds obligated [2]	205,367	239,183	399,859	463,929	549,710
Value of equipment	1,264,000	(NA)	1,500,000	1,477,689	1,497,000
Air Force National Guard					
Units	516	572	546	728	850
Bases and facilities	101	152	138	136	140
All personnel [1]	44,728	61,306	70,820	76,410	79,883
Federal funds obligated [2]	(NA)	164,436	233,440	320,900	333,240

NA Not available.
[1] Officers and enlisted men; excludes National Guardsmen on active duty except those undergoing basic training.
[2] Includes personnel, operations, maintenance, and military construction.

Source: Dept. of Defense, National Guard Bureau; *Annual Report of the Chief, National Guard Bureau,* and unpublished data.

No. 380. National Guard—Selected Data, States and Puerto Rico: 1966

[As of June 30]

State or other area	Army				Air Force				Estimated value of State-owned property [3] ($1,000)
	Units	Officers and enlisted personnel [1]	Federal funds obligated ($1,000)		Units	Officers and enlisted personnel [1]	Federal funds obligated ($1,000)		
			Total [2]	For personnel			Total [2]	For personnel	
Total	**3,995**	**420,924**	**549,710**	**301,254**	**850**	**79,883**	**333,240**	**77,898**	**1,126,378**
Alabama	154	16,772	16,629	9,621	21	2,163	3,830	640	31,000
Alaska	22	2,149	3,126	1,456	2	262	1,436	96	3,226
Arizona	23	2,881	3,529	2,067	15	1,538	3,990	644	14,318
Arkansas	87	7,998	8,003	4,598	18	1,579	3,173	481	(NA)
California	229	23,802	29,961	14,526	45	4,598	9,862	865	43,281
Colorado	35	2,853	3,481	1,875	12	1,149	3,946	103	4,618
Connecticut	56	6,323	8,129	3,448	8	937	2,371	274	21,000
Delaware	32	3,131	3,683	1,816	9	811	1,873	359	2,838
Dist. of Columbia	22	1,686	2,058	1,000	12	1,093	2,856	251	4,000
Florida	82	8,214	10,062	5,977	7	771	1,833	50	18,288
Georgia	97	8,224	8,855	3,785	24	2,722	5,239	1,060	10,839
Hawaii	27	3,956	9,180	2,660	11	1,245	4,709	453	4,525
Idaho	38	3,358	4,677	2,239	7	787	2,150	287	11,000
Illinois	108	11,337	14,530	7,149	26	2,237	4,865	677	28,500
Indiana	91	11,486	14,156	7,576	19	1,328	3,192	331	32,000
Iowa	71	8,233	8,370	4,909	16	1,891	4,307	376	13,960
Kansas	69	8,187	9,151	4,931	16	1,431	3,044	336	9,000
Kentucky	55	5,481	6,132	3,135	10	696	2,077	356	15,000
Louisiana	75	7,985	8,033	4,093	10	915	2,233	196	65,000
Maine	33	2,720	3,494	1,623	10	1,053	1,862	107	7,750
Maryland	64	6,827	9,931	4,487	16	1,125	2,471	373	18,000
Massachusetts	128	15,039	15,633	8,981	23	1,971	4,026	492	53,500
Michigan	100	10,157	15,260	7,384	25	2,052	4,607	730	50,586
Minnesota	90	10,647	12,603	6,549	18	1,745	3,895	435	49,000
Mississippi	120	11,363	14,001	7,699	20	1,645	3,987	678	6,434
Missouri	80	9,156	11,544	5,584	24	2,323	5,272	873	18,500
Montana	33	2,494	3,321	1,718	7	755	2,401	295	11,762
Nebraska	34	4,597	6,033	3,004	9	835	1,654	163	31,799
Nevada	10	861	1,245	482	8	583	1,556	158	1,912
New Hampshire	27	2,255	2,680	1,451	9	783	1,544	272	8,952
New Jersey	131	14,444	17,191	8,956	25	2,345	5,643	624	34,162
New Mexico	43	3,309	4,847	2,371	8	826	2,123	354	6,102
New York	249	25,335	27,753	14,623	48	4,646	9,530	1,420	186,806
North Carolina	92	11,366	11,119	7,133	12	1,027	1,801	334	8,500
North Dakota	26	2,922	3,364	1,747	7	829	2,332	317	17,500
Ohio	150	15,859	19,123	9,916	42	3,616	8,976	1,052	70,000
Oklahoma	89	8,989	11,106	6,881	22	1,906	3,934	737	11,000
Oregon	65	6,749	7,095	3,730	10	1,102	2,462	345	14,860
Pennsylvania	154	19,063	24,579	12,748	41	3,701	7,090	1,279	20,414
Rhode Island	36	3,326	4,504	2,252	9	830	1,548	268	5,100
South Carolina	99	10,961	10,644	6,337	9	844	2,113	254	14,000
South Dakota	43	3,953	4,653	2,531	7	805	2,062	242	2,511
Tennessee	95	11,750	11,865	7,706	31	3,012	6,115	918	15,676
Texas	189	18,051	21,679	10,626	28	2,716	6,531	963	27,709
Utah	47	4,771	5,642	3,261	9	961	2,366	386	6,146
Vermont	32	3,143	3,139	1,600	7	785	2,435	330	9,000
Virginia	82	7,872	11,242	5,052	9	601	1,445	170	23,859
Washington	69	6,774	9,187	3,994	16	1,491	3,550	535	15,951
West Virginia	33	3,552	3,943	2,061	17	1,310	2,861	444	14,542
Wisconsin	96	9,917	10,457	5,860	17	1,755	4,429	290	19,000
Wyoming	23	1,517	2,147	993	9	746	1,480	257	4,701
Undistributed	(X)	(X)	49,755	[4] 40,283	(X)	(X)	149,744	53,678	(X)
Puerto Rico	60	7,130	7,182	4,771	10	1,006	2,410	294	8,251

NA Not available. X Not applicable.

[1] Excludes National Guardsmen on active duty, except those undergoing basic training.

[2] Includes personnel, operations, maintenance, and military construction.

[3] Armories, training camps, hangars, maintenance shops, warehouses, etc.

[4] Funds for training recruits from all States, for statutory active duty tours for selected officers, and for personnel on special exercises and short-term boards.

Source: Dept. of Defense, National Guard Bureau; *Annual Report of the Chief, National Guard Bureau*, and unpublished data.

No. 381. Military Pay Rates: 1952 to 1968

[As of June 30. Based on weighted averages, annual rates. See also *Historical Statistics, Colonial Times to 1957*, series Y 757-762]

YEAR	CURRENT DOLLARS			CONSTANT DOLLARS (1957-59 BASE) [1]		
	All personnel	Officers	Enlisted personnel	All personnel	Officers	Enlisted personnel
Basic pay:						
1952	$1,776	$4,453	$1,473	$1,920	$4,814	$1,592
1955	2,067	5,004	1,672	2,215	5,363	1,792
1960	2,512	5,972	2,013	2,436	5,792	1,952
1965	2,917	7,130	2,301	2,676	6,541	1,921
1967 estimate	3,142	7,813	2,564	2,746	6,830	2,241
1968 estimate	3,211	7,627	2,636	2,744	6,519	2,253
Basic pay plus allowances: [2]						
1952	2,940	6,234	2,584	3,178	6,739	2,794
1955	3,222	6,787	2,742	3,453	7,274	2,939
1960	3,743	8,734	3,034	3,630	8,471	2,943
1965	4,358	9,763	3,567	3,998	8,956	3,272
1967 estimate	4,685	10,508	3,967	4,095	9,185	3,468
1968 estimate	4,837	10,276	4,131	4,134	8,783	3,531

[1] Computed: Current dollars divided by consumer price index on 1957-59 base.
[2] Data not strictly comparable from year to year due to changes in coverage of allowances.

Source: 1952 and 1955, The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, Vol. I, 1956. 1960, Dept. of Defense, Office of the Secretary (based on the President's 1960 budget estimate). 1964-1968, Executive Office of the President, Bureau of the Budget; unpublished data.

No. 382. Classification Status of Selective Service Registrants, 18½ to 26 Years Old: 1965 and 1966

[**Number in thousands.** As of December 31. Includes Puerto Rico and outlying areas]

CLASSIFICATION STATUS	1965		1966	
	Number	Percent	Number	Percent
Total [1]	**17,967**	**100.0**	**18,971**	**100.0**
Available for military service (I-A and I-A-O)	1,485	8.3	1,165	6.1
Single, or married after Aug. 26, 1965	645	3.6	610	3.2
Examined and qualified	62	0.3	119	0.6
Not examined	47	0.3	81	0.4
Induction or examination postponed	10	0.1	8	(Z)
Ordered for induction or examination	(2)	(2)	212	1.1
Pending reclassification	(2)	(2)	139	0.8
Personal appearances and appeals in process	(2)	(2)	38	0.2
Delinquents	(2)	(2)	13	0.1
Married on or before Aug. 26, 1965	351	2.0	78	0.4
Examined and qualified	71	0.4	46	0.2
Not examined	133	0.7	10	0.1
Other	(2)	(2)	22	0.1
26 years and older, with liability extended	80	0.4	53	0.3
Under 19 years	409	2.3	424	2.2
Conscientious objectors available for the civilian economy (I-O)	11	0.1	9	0.1
Fulfilling military obligation	3,166	17.5	3,733	19.7
Inducted, enlisted, or commissioned (I-C) [3]	2,032	11.2	2,612	13.8
Reserve, National Guard, R.O.T.C., etc. (I-D)	1,131	6.3	1,115	5.9
Conscientious objectors working in civilian economy (I-W)	3	(Z)	6	(Z)
Completed military obligation (IV-A, I-W)	2,399	13.4	2,521	13.3
Deferred	5,829	32.4	6,090	32.1
Student (I-S, II-S)	2,212	12.3	2,084	11.0
Fatherhood or hardship (III-A)	3,376	18.8	3,716	19.6
Other (II-A, II-C, IV-B)	241	1.3	290	1.5
Exempted	104	0.6	116	0.6
Aliens (IV-C)	11	0.1	14	0.1
Ministers of religion and divinity students (IV-D)	93	0.5	102	0.5
Disqualified for military service	4,640	25.8	4,987	26.3
Not qualified for any military service (IV-F)	2,474	13.7	2,500	13.2
Qualified only in war or national emergency (I-Y)	2,166	12.1	2,487	13.1
Unclassified	334	1.9	350	1.8

Z Less than 0.05 percent. [1] Excludes registrants classed in group V-A.
[2] Comparable data not available because of classification changes. [3] Includes discharges and reserves.

Source: Selective Service System, National Headquarters; research and statistics releases.

No. 383. Military Service Status of Men, 26 to 34 Years Old, By Color: 1964

[In thousands, except percent. As of October]

Military service status	Total		White		Nonwhite		Nonwhite as percent of total
	Number	Percent	Number	Percent	Number	Percent	
Total	**9,891**	**100.0**	**8,750**	**100.0**	**1,141**	**100.0**	**11.5**
Entered military service	6,332	64.0	5,770	65.9	561	49.2	8.9
Inducted	2,171	21.9	1,890	21.6	281	24.6	12.9
Regular enlistment	2,881	29.1	2,626	30.0	255	22.4	8.9
Officer programs	337	3.4	333	3.8	4	0.4	1.3
Reserve programs	908	9.2	888	10.2	20	1.7	2.2
Unknown	34	0.3	33	0.4	1	0.1	3.8
Never entered service (estimate)	3,560	36.0	2,980	34.1	580	50.8	16.3
Unfit for service [1]	2,353	23.8	1,869	21.4	484	42.4	20.6
Other deferred or exempt classes [2]	1,208	12.2	1,112	12.7	96	8.4	7.9

[1] Estimated overall rejection rates by race were adapted from studies of the Dept. of the Army, Office of the Surgeon General.
[2] Derived as residual; also includes small number in Class I-A.

Source: The National Advisory Commission on Selective Service; *In Pursuit of Equity: Who Serves When Not All Serve?*, February 1967. (Data from Bureau of the Census and Dept. of Defense.)

No. 384. Status of Selective Service Draftees Examined For Military Service, 1950 to 1966, and by Race, 1966

[Number in thousands. Includes Puerto Rico, Canal Zone, Guam, Mariana Islands, and Virgin Islands. Based on results of preinduction examinations]

Status	1950 to 1966 [1]		1965		1966					
					Number			Percent		
	Number	Percent	Number	Percent	Total	White	Negro	Total	White	Negro
Examined	**11,019**	**100.0**	**1,229**	**100.0**	**1,609**	**1,436**	**173**	**100.0**	**100.0**	**100.0**
Found acceptable	6,663	60.5	688	56.0	1,004	931	73	62.4	64.8	42.5
Disqualified	4,356	39.5	541	44.0	605	506	99	37.6	35.2	57.5
Medically disqualified only	2,131	19.3	268	21.8	386	365	21	24.0	25.3	12.5
Failed mental requirements only	1,795	16.3	228	18.6	176	108	68	10.9	7.6	39.2
Failed mental test only [2]	1,398	12.7	131	10.7	111	64	47	6.9	4.5	27.1
Trainability limited [3]	397	3.6	97	7.9	65	44	21	4.0	3.1	12.1
Failed mental test and medically disqualified	291	2.6	29	2.3	23	16	7	1.5	1.1	4.2
Administratively disqualified	139	1.3	16	1.3	20	17	3	1.2	1.2	1.6

[1] 1950 data are for July through December only.
[2] Examinees who failed minimum requirements on Armed Forces Qualification Test (AFQT) or its equivalent (ECFA) administered to Spanish-speaking examinees in Puerto Rico.
[3] Examinees classified as mental group IV on basis of AFQT but who failed to meet additional aptitude requirements effective in August 1958 and called Army Classification Battery (ACB) tests until mid-September 1961 and Army Qualification Battery (AQB) since then. Also includes examinees in Puerto Rico tested with ECFA who failed the English Reading Test (ERT). The AQB requirements were raised in May 1963 and lowered in November 1965; April 1966; October 1966; and December 1966.

Source: Dept. of the Army, Office of the Surgeon General; *Results of the Examination of Youths for Military Service, 1966, Supplement to Health of the Army.*

No. 385. Selective Service Draftees Found Acceptable for Military Service—Percent Distribution, by Mental Group: 1959 to 1966

[Includes Puerto Rico, Canal Zone, Guam, Mariana Islands, and Virgin Islands]

Mental group and percentile score	1959	1960	1961	1962	1963	1964	1965	1966
Group I (93-100)	16.5	14.3	10.3	10.2	9.9	8.0	7.5	9.2
Group II (65-92)	28.4	31.9	32.2	32.1	34.1	34.4	34.9	36.9
Group III (31-64)	34.7	34.5	34.5	33.8	38.0	42.5	43.2	38.9
Group IV (10-30) [1]	20.1	19.0	22.5	23.2	16.6	13.8	13.2	13.9
Administrative acceptees [2]	0.3	0.3	0.5	0.7	1.4	1.3	1.2	1.1

[1] See footnotes 2 and 3, table 384.
[2] Refers to draftees who failed the mental test or additional aptitude tests, but who were administratively declared acceptable on the basis of their education and findings of a personal interview.

Source: Dept. of the Army, Office of the Surgeon General; unpublished data.

No. 386. Status of Selective Service Draftees Examined For Military Service—States and Other Areas: 1966

[Based on results of preinduction examinations]

State or other area	Number (1,000)			Percent distribution							
					Disqualified, by cause						
	Examined	Found acceptable	Disqualified	Found acceptable	Total	Medically disqualified only	Failed mental requirements only [1]			Failed mental test and medically disqualified	Administratively disqualified
							Total	Failed mental test only	Trainability limited		
Total	**1,609.4**	**1,004.2**	**605.2**	**62.4**	**37.6**	**24.0**	**10.9**	**6.9**	**4.0**	**1.5**	**1.2**
U.S.	1,590.6	997.4	593.2	62.7	37.3	24.2	10.5	6.5	4.0	1.4	1.2
Ala.	23.2	11.3	11.9	48.6	51.4	27.5	19.9	12.8	7.1	4.0	–
Alaska	1.1	0.6	0.5	58.9	41.1	29.2	6.1	1.7	4.4	4.5	1.3
Ariz.	15.1	8.6	6.5	57.3	42.7	31.7	9.0	4.7	4.3	1.5	0.5
Ark.	14.7	8.5	6.2	58.1	41.9	24.7	14.0	9.9	4.1	3.0	0.2
Calif.	151.7	93.9	57.8	61.9	38.1	28.8	6.3	3.8	2.5	0.8	2.2
Colo.	12.1	8.1	4.0	67.3	32.7	23.4	7.1	2.9	4.2	1.0	1.2
Conn.	20.7	12.5	8.2	60.3	39.7	25.5	10.7	6.7	4.0	2.9	0.6
Del.	4.5	2.9	1.6	63.8	36.2	19.6	13.8	8.1	5.7	2.5	0.3
D.C.	8.9	5.0	3.9	56.2	43.8	22.2	15.4	8.4	7.0	2.1	4.1
Fla.	35.2	19.7	15.5	56.0	44.0	26.0	15.8	10.5	5.3	1.1	1.1
Ga.	47.2	26.3	20.9	55.8	44.2	16.1	24.9	20.0	4.9	2.5	0.7
Hawaii	4.2	2.7	1.5	65.2	34.8	19.7	9.3	4.1	5.2	1.1	4.7
Idaho	3.8	2.2	1.6	58.9	41.1	34.7	5.2	2.3	2.9	0.9	0.3
Ill.	71.8	48.0	23.8	66.8	33.2	20.0	10.9	6.4	4.5	0.8	1.5
Ind.	47.0	32.0	15.0	68.1	31.9	23.0	7.4	3.7	3.7	0.7	0.8
Iowa	23.7	17.1	6.6	72.1	27.9	23.4	3.1	1.2	1.9	0.5	0.9
Kans.	13.6	9.4	4.2	68.9	31.1	25.3	4.5	2.2	2.3	1.0	0.3
Ky.	35.1	19.9	15.2	56.8	43.2	24.1	15.2	10.4	4.8	3.4	0.5
La.	23.5	11.7	11.8	49.9	50.1	24.3	21.8	14.9	6.9	3.6	0.4
Maine	6.8	3.9	2.9	57.1	42.9	32.0	7.5	6.1	1.4	2.2	1.2
Md.	32.1	19.2	12.9	59.9	40.1	25.0	10.5	5.9	4.6	1.8	2.8
Mass.	38.7	20.1	18.6	52.1	47.9	38.2	5.6	3.4	2.2	1.8	2.3
Mich.	74.2	49.2	25.0	66.3	33.7	26.9	5.7	3.2	2.5	0.4	0.7
Minn.	26.4	18.7	7.7	70.6	29.4	23.1	3.8	1.4	2.4	0.3	2.2
Miss.	18.1	9.0	9.1	49.8	50.2	18.2	28.9	20.5	8.4	2.8	0.3
Mo.	38.6	27.2	11.4	70.4	29.6	20.5	7.7	4.4	3.3	1.1	0.3
Mont.	3.6	2.6	1.0	72.1	27.9	24.2	3.1	1.7	1.4	0.2	0.4
Nebr.	11.7	8.1	3.6	69.6	30.4	25.3	3.9	1.3	2.6	0.3	0.9
Nev.	3.3	2.0	1.3	60.9	39.1	27.6	7.1	4.0	3.1	1.4	3.0
N.H.	4.7	2.8	1.9	59.7	40.3	28.8	3.3	1.2	2.1	2.0	6.2
N.J.	45.5	29.2	16.3	64.1	35.9	21.5	12.0	8.8	3.2	0.6	1.8
N. Mex.	8.7	5.7	3.0	66.0	34.0	24.2	8.1	3.8	4.3	1.1	0.6
N.Y.	141.2	83.7	57.5	59.3	40.7	25.1	12.4	8.4	4.0	1.3	1.9
N.C.	43.4	24.5	18.9	56.4	43.6	19.0	21.2	14.8	6.4	2.9	0.5
N. Dak.	4.8	3.6	1.2	74.2	25.8	18.9	4.6	1.7	2.9	0.9	1.4
Ohio	89.1	62.1	27.0	69.7	30.3	21.8	6.6	2.9	3.7	1.1	0.8
Okla.	19.1	15.2	3.9	79.7	20.3	13.9	5.8	2.7	3.1	0.6	–
Oreg.	18.5	12.8	5.7	69.1	30.9	26.0	3.2	1.5	1.7	0.6	1.1
Pa.	98.4	64.4	34.0	65.4	34.6	24.8	7.5	3.7	3.8	1.4	0.9
R.I.	8.8	5.7	3.1	65.3	34.7	27.9	5.2	3.6	1.6	1.5	0.1
S.C.	24.9	12.6	12.3	50.5	49.5	15.2	31.1	22.0	9.1	2.9	0.3
S. Dak.	3.8	2.5	1.3	67.0	33.0	24.6	4.9	2.2	2.7	0.7	2.8
Tenn.	45.1	26.0	19.1	57.8	42.2	23.5	16.0	9.3	6.7	2.3	0.4
Tex.	73.9	46.8	27.1	63.3	36.7	24.6	9.6	5.1	4.5	1.1	1.4
Utah	12.2	8.2	4.0	67.3	32.7	28.3	3.4	0.9	2.5	0.4	0.6
Vt.	2.5	1.5	1.0	60.4	39.6	31.4	3.6	1.7	1.9	1.8	2.8
Va.	50.3	33.0	17.3	65.5	34.5	17.2	13.7	8.4	5.3	2.5	1.1
Wash.	30.2	21.4	8.8	71.0	29.0	25.0	2.8	1.3	1.5	0.2	1.0
W. Va.	17.9	9.9	8.0	55.2	44.8	28.9	12.5	7.3	5.2	3.2	0.2
Wis.	34.1	23.2	10.9	68.0	32.0	25.6	3.9	1.9	2.0	0.4	2.1
Wyo.	2.9	2.0	0.9	69.4	30.6	25.3	3.9	1.7	2.2	0.7	0.7
Other areas:											
Caribbean [2]	18.1	6.4	11.7	35.1	64.9	10.2	49.6	40.0	9.6	4.8	0.3
Pacific [3]	0.7	0.4	0.3	58.0	42.0	9.9	30.0	14.4	15.6	2.1	–

– Represents zero.
[1] See footnote 2, table 384.
[2] Comprises Puerto Rico, Virgin Islands, and Panama Canal Zone.
[3] Comprises Guam and the Mariana Islands.

Source: Department of the Army, Office of the Surgeon General, unpublished data.

No. 387. Estimated Number of Veterans, by Period of Service: 1945 to 1966

[In thousands. As of June 30. See also *Historical Statistics, Colonial Times to 1957*, series Y 776-786]

PERIOD OF SERVICE	1945	1950	1955	1960	1963	1964	1965	1966
All veterans [1]	**6,455**	**19,023**	**21,802**	**23,830**	**24,649**	**24,985**	**25,257**	**25,575**
War veterans [1]	**6,455**	**19,023**	**21,798**	**22,431**	**22,032**	**21,866**	**21,673**	**21,503**
Korean conflict [2]	(X)	(X)	3,999	5,482	5,663	5,708	5,718	5,770
And service in World War II	(X)	(X)	828	962	1,096	1,134	1,150	1,202
No service in World War II	(X)	(X)	3,171	4,520	4,567	4,574	4,568	4,568
World War II [3]	2,469	15,386	15,405	15,202	15,100	15,048	14,969	14,916
World War I	3,821	3,518	3,150	2,673	2,343	2,226	2,121	2,007
Spanish-American War [4]	164	118	72	36	22	18	15	12
Indian Wars	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Post-Korean conflict veterans [5]	**(X)**	**(X)**	**4**	**1,399**	**2,617**	**3,119**	**3,584**	**4,072**

X Not applicable. Z Less than 500.
[1] Veterans with service in both World War II and the Korean conflict are counted once.
[2] June 27, 1950, to Jan. 31, 1955.
[3] Sept. 16, 1940, to July 25, 1947.
[4] Includes war with Spain, Philippine Insurrection, and Boxer Rebellion.
[5] Service only after Jan. 31, 1955. Excludes men who served on active duty for training purposes only.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 388. Estimated Number of Veterans—States and Other Areas: 1966

[In thousands. As of June 30]

STATE OR OTHER AREA	Veterans	STATE OR OTHER AREA	Veterans	STATE OR OTHER AREA	Veterans
Total	[1] 25,575	Kansas	284	Ohio	1,422
		Kentucky	362	Oklahoma	317
United States	25,407	Louisiana	393	Oregon	283
Alabama	374	Maine	132	Pennsylvania	1,675
Alaska	26	Maryland	475	Rhode Island	126
Arizona	207	Massachusetts	784	South Carolina	247
Arkansas	200	Michigan	1,090	South Dakota	82
California	2,691	Minnesota	481	Tennessee	447
Colorado	265	Mississippi	208	Texas	1,272
Connecticut	403	Missouri	600	Utah	123
Delaware	67	Montana	94	Vermont	51
Dist. of Columbia	113	Nebraska	176	Virginia	509
Florida	828	Nevada	58	Washington	432
Georgia	444	New Hampshire	95	West Virginia	244
Hawaii	61	New Jersey	979	Wisconsin	540
Idaho	90	New Mexico	128	Wyoming	50
Illinois	1,472	New York	2,428		
Indiana	651	North Carolina	502	Other areas [2]	127
Iowa	357	North Dakota	69	Foreign	41

[1] Includes post-Korean conflict as well as war veterans. [2] Puerto Rico and outlying areas.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 389. Veterans, by Estimated Age and Period of Service: 1966

[In thousands. As of June 30. See *Historical Statistics, Colonial Times to 1957*, series Y 787-800, for all veterans]

Age in 1966	All veterans	Korean conflict: Total	Korean conflict: No service in World War II	World War II	World War I	Spanish-American War	Post-Korean conflict [1]
All ages	**25,575**	[2] **5,770**	**4,568**	[2] **14,916**	**2,007**	**12**	**4,072**
Under 20 years	34	–	–	–	–	–	34
20 to 24 years	1,131	–	–	–	–	–	1,131
25 to 29 years	2,092	89	89	–	–	–	2,003
30 to 34 years	2,800	1,966	1,966	–	–	–	834
35 to 39 years	3,758	2,577	2,336	1,361	–	–	61
40 to 44 years	4,978	584	148	4,822	–	–	8
45 to 49 years	4,451	314	20	4,430	–	–	1
50 to 59 years	3,613	204	9	3,604	–	–	–
60 to 69 years	1,122	34	(Z)	667	455	–	–
70 years and over	1,596	2	–	32	1,552	12	–
Average age [3] ... years	43.5	36.9	34.9	46.9	71.9	87.8	26.8

– Represents zero. Z Less than 500.
[1] Service in the Armed Forces only after Jan. 31, 1955. Excludes men who served for training purposes only.
[2] Includes 1,202,000 veterans who had served both in World War II and the Korean conflict.
[3] Computed from 1-year age groups.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 390. Veterans Benefits—Expenditures From Appropriated Funds, by War: Total and 1950 to 1966

[In millions of dollars. For years ending June 30. Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1957*, series Y 801-811]

Year	Total, all wars [1]	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict	Regular Establishment
Total	[2] **140,398**	**186**	**8,566**	**5,191**	**37,962**	**73,284**	**12,068**	**3,006**
To 1949	[2] 49,085	172	8,507	2,997	13,181	23,598	(X)	495
1950	6,628	2	7	168	794	5,593	(X)	63
1951	5,357	2	7	165	852	4,254	4	73
1952	4,944	1	5	160	904	3,746	54	73
1953	4,354	1	5	163	1,020	2,869	216	80
1954	4,283	1	4	165	1,068	2,416	549	80
1955	4,483	1	4	153	1,189	2,137	914	86
1956	4,802	1	3	146	1,285	2,136	1,141	91
1957	4,885	1	3	137	1,350	2,059	1,232	103
1958	5,206	1	2	130	1,446	2,270	1,235	123
1959	5,344	1	3	130	1,565	2,354	1,152	139
1960	5,389	1	3	124	1,694	2,398	1,008	162
1961	5,568	1	3	113	1,870	2,448	956	176
1962	5,636	(Z)	3	104	1,907	2,661	767	194
1963	5,866	(Z)	2	97	1,947	2,856	747	216
1964	6,008	(Z)	2	90	1,947	3,058	664	247
1965	6,150	(Z)	2	79	1,963	3,108	721	277
1966	6,410	(Z)	1	70	1,980	3,323	708	328

X Not applicable. Z Less than $500,000.
[1] Includes undistributed and other expenditures.
[2] Includes $70,045,000 for the Revolutionary War and $48,747,000 for the War of 1812.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 391. Veterans Benefits—Expenditures: Total and 1956 to 1966

[In millions of dollars. For years ending June 30. Refers to expenditures of Veterans Administration and predecessor agencies. See also *Historical Statistics, Colonial Times to 1957*, series Y 812-825]

Year	Expenditures from general and special fund appropriations and trust, deposit, and working funds						
	Total expenditures [1]	Compensation and pensions	Insurance and servicemen's indemnities [2]	Readjustment benefits			
				Education and training [3]	Vocational rehabilitation [4]	Loan guaranty	Direct loans
Total	**[5] 158,787**	**75,401**	**20,989**	**19,215**	**2,485**	**2,776**	**2,749**
To 1955	88,400	36,937	11,859	15,426	2,275	551	484
1956	[5] 5,402	2,749	686	767	38	40	103
1957	[5] 5,554	2,829	697	776	31	60	130
1958	[5] 5,948	3,062	761	699	26	80	229
1959	[5] 6,129	3,226	796	574	22	121	204
1960	[5] 6,215	3,315	832	383	18	122	313
1961	[5] 6,636	3,568	1,069	237	12	160	286
1962	[5] 6,529	3,653	882	143	10	235	253
1963	[5] 6,817	3,815	929	88	9	310	246
1964	[5] 6,866	3,900	828	59	12	355	237
1965	[5] 6,967	4,042	783	37	14	364	172
1966	[5] 7,325	4,305	868	31	17	378	92

Year	Expenditures from general and special fund appropriations and trust, deposit, and working funds—Continued				Expenditures from general and special fund appropriations	
	Miscellaneous benefit payments [6]	Medical, hospital, and domiciliary services [7]	Hospital and domiciliary facilities [8]	Administration and other benefits [9]	Total	Transfers to insurance trust funds
Total	**9,852**	**18,246**	**1,630**	**5,444**	**140,398**	**4,922**
To 1955	8,827	7,500	1,033	3,507	79,133	4,732
1956	56	760	27	177	4,802	79
1957	59	768	36	169	4,885	20
1958	63	824	33	171	5,206	16
1959	81	881	45	179	5,344	12
1960	89	913	57	175	5,389	11
1961	96	978	51	179	5,568	10
1962	103	1,022	53	175	5,637	8
1963	105	1,072	66	177	5,866	8
1964	113	1,120	68	174	6,008	8
1965	119	1,181	77	178	6,150	9
1966	142	1,229	83	179	6,411	8

[1] Excludes transfers from appropriations to insurance trust funds from which the actual payments are made. Expenditures from VA Revolving Supply Fund also excluded to avoid duplication.

[2] Includes direct payments to beneficiaries from insurance appropriations, servicemen's indemnities, and benefits and dividends paid from insurance trust funds. Some noncash transactions, e.g., interest credited to dividends left on deposit also included.

[3] Includes education and training allowances under Public Laws 346 and 550, and educational assistance for sons and daughters of deceased or totally disabled veterans under Public Laws 634, 86-785 and 88-361.

[4] Includes subsistence allowances, tuition, supplies, and equipment of veterans training under Public Laws 16 and 894, and vocational rehabilitation allowances for World War I veterans.

[5] Total differs from supporting detail by the net of overpayments collected and written off as uncollectable under the readjustment benefits appropriation.

[6] Includes unemployment and self employment allowances: statutory burial allowances; automobiles and other conveyances for disabled veterans; homes for paraplegics; payments to participants in yellow fever experiments; military and naval family allowances of World War I veterans; marine and seamen's insurance in World War I; adjusted compensation (World War I bonus); withdrawals of the personal funds of patients held by VA as banker and funds due incompetent beneficiaries; soldiers' and sailors' civil relief; vocational rehabilitation revolving fund, and other miscellaneous expenditures.

[7] Estimated; includes expenditures for hospital and domiciliary care, outpatient medical and dental treatment, medical research, and grants to Republic of Philippines for medical care and treatment of veterans.

[8] Comprises construction and related costs which include expenditures from funds allotted under NRA of 1933, PWA Act of 1938, grants to Republic of Philippines for construction and equipping of a hospital, and amounts transferred to Dept. of Army, Corps of Engineers, for construction of hospitals.

[9] Includes expenses for vocational counseling, travel for certain programs, reporting allowances paid schools for certifying attendance of veteran trainees, private laws for relief, and all administrative salaries and expenses.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 392. Veterans Benefits—Selected Federal Expenditures, States and Other Areas: 1966

[In thousands of dollars. Figures are estimates for year ending June 30]

State or other area	Total expenditures [1]	Compensation and pensions	Insurance and indemnities	Vocational rehabilitation [2]	Readjustment benefits: Education and training [3]	Readjustment benefits: Direct loans [4]	Hospital and domiciliary facilities (construction and related costs)	Administration and other benefits
Total	6,721,929	4,305,368	788,379	17,426	31,112	66,878	83,417	1,429,349
United States	6,601,478	4,210,320	781,308	17,127	30,231	66,878	79,408	1,416,206
Alabama	130,043	84,931	13,299	633	653	796	668	29,063
Alaska	3,361	2,043	525	–	8	63	–	722
Arizona	62,633	41,510	5,624	310	479	747	29	13,934
Arkansas	99,714	65,733	7,996	391	486	2,867	18	22,223
California	576,370	360,826	68,477	1,698	3,213	140	10,490	131,526
Colorado	73,181	46,954	7,840	517	540	757	46	16,527
Connecticut	76,586	48,811	11,711	87	249	–	306	15,422
Delaware	14,282	8,160	1,829	28	54	63	42	4,106
Dist. of Columbia	106,222	22,670	4,102	348	240	–	8,658	70,204
Florida	243,507	172,385	24,409	776	1,308	705	13,172	30,752
Georgia	142,206	93,589	15,215	478	965	1,503	1,433	29,023
Hawaii	11,423	7,926	1,718	117	72	–	–	1,590
Idaho	27,426	16,034	3,091	62	134	4,710	–	3,395
Illinois	306,848	174,611	44,570	480	858	1,544	5,367	79,418
Indiana	136,250	91,841	18,306	243	643	1,873	461	22,883
Iowa	94,954	60,266	11,939	153	493	1,037	29	21,037
Kansas	86,212	51,082	8,470	114	459	2,320	17	23,750
Kentucky	117,554	84,394	14,687	255	507	710	41	16,960
Louisiana	116,408	81,726	10,722	339	675	1,467	809	20,670
Maine	41,859	27,090	4,562	62	156	1,399	143	8,447
Maryland	97,223	62,184	12,790	192	397	98	887	20,675
Massachusetts	226,787	152,383	22,926	331	1,026	–	397	49,724
Michigan	229,929	151,376	33,918	508	887	2,179	144	40,917
Minnesota	143,451	87,006	15,743	306	657	6,224	718	32,797
Mississippi	88,686	60,674	7,793	252	472	1,558	200	17,737
Missouri	155,878	109,725	14,181	227	776	2,691	43	28,235
Montana	25,884	15,866	3,292	42	118	2,238	2	4,326
Nebraska	48,912	30,124	5,000	115	324	778	98	12,473
Nevada	11,861	7,761	1,242	9	35	9	14	2,791
New Hampshire	23,088	16,655	3,126	66	170	–	29	3,042
New Jersey	186,124	126,170	29,996	262	359	–	8	29,329
New Mexico	39,221	26,058	4,165	177	267	101	14	8,439
New York	565,680	349,681	74,050	1,120	1,651	611	5,225	133,342
North Carolina	159,913	102,954	19,944	261	960	760	5,183	29,851
North Dakota	19,955	11,292	2,867	58	83	1,509	72	4,074
Ohio	310,590	204,860	39,973	502	1,094	3,720	767	59,674
Oklahoma	103,412	75,051	10,886	404	691	848	1,442	14,090
Oregon	74,169	48,427	8,089	153	343	1,100	34	16,023
Pennsylvania	406,440	260,567	56,383	1,145	1,437	1,336	1,158	84,414
Rhode Island	34,137	23,566	3,712	30	145	–	–	6,684
South Carolina	76,121	52,068	8,711	141	424	1,771	2,997	10,009
South Dakota	34,290	16,221	3,562	58	127	1,760	1,330	11,232
Tennessee	156,582	92,625	15,664	277	740	1,062	8,967	37,247
Texas	365,428	243,900	40,719	1,829	2,303	1,378	4,302	70,997
Utah	31,995	17,037	3,777	92	309	2,558	179	8,013
Vermont	15,846	10,174	1,778	32	103	443	–	3,316
Virginia	142,408	89,783	17,287	453	587	1,130	204	32,964
Washington	112,197	71,417	12,346	564	611	864	723	25,672
West Virginia	93,341	58,016	10,826	199	312	5,603	99	18,286
Wisconsin	139,420	87,189	15,967	200	561	1,491	2,373	31,639
Wyoming	15,471	6,928	1,503	31	70	327	70	6,542
Puerto Rico	48,855	33,162	1,459	272	309	–	4,009	9,644
Outlying areas	1,124	969	155	–	–	–	–	–
Foreign countries	70,472	60,917	5,457	27	572	–	–	3,499

– Represents zero.

[1] Excludes $603,394,931 shown in table 391 for expenditures not distributed by State, including $79,619,142 for servicemen's group life insurance.

[2] Includes subsistence allowances, tuition, and supplies and equipment of veterans training under Public Laws 16 and 894.

[3] Educational assistance for sons and daughters of deceased or totally disabled veterans.

[4] Excludes interest paid to U.S. Treasury and miscellaneous expenses; therefore, total differs from that shown in table 391 which includes these items.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 393. Veterans Compensation and Pension Benefits—Number on Rolls and Average Payment Rate, by Period of Service: 1950 to 1966

[As of June 30 or for years ending June 30. Number includes dependents of deceased veterans receiving benefits as well as living veterans receiving pensions, retirement pay, and disability benefits. See also *Historical Statistics, Colonial Times to 1957*, series Y 826–827]

DESCRIPTION	VETERANS ON ROLLS					AVERAGE PAYMENT RATE (annual basis) [1]				
	1950	1955	1960	1965	1966	1950	1955	1960	1965	1966
All wars	3,026,361	3,477,089	3,959,737	4,511,366	4,540,080	$669	$764	$836	$909	$944
Living	2,368,238	2,668,786	3,008,935	3,216,920	3,200,871	646	742	825	925	977
Deceased [2]	658,123	808,303	950,802	1,294,446	1,339,209	750	837	870	869	863
Mexican War:										
Deceased	24	9	3	–	–	536	476	568	–	–
Indian Wars	2,329	1,422	728	348	300	682	731	794	785	792
Living	530	188	44	8	6	1,136	1,414	1,395	1,479	1,768
Deceased	1,799	1,234	684	340	294	548	627	755	768	773
Civil War	11,147	6,021	3,882	1,869	1,558	539	624	779	795	799
Living	15	1	–	–	–	1,392	1,620	–	–	–
Deceased	11,132	6,020	3,882	1,869	1,558	538	623	779	795	799
Spanish-American War	171,608	142,008	111,751	76,142	68,950	868	921	943	912	903
Living	91,984	60,125	33,373	14,079	11,391	1,106	1,272	1,291	1,431	1,454
Deceased	79,624	81,883	78,378	62,063	57,559	593	664	795	794	794
Regular Establishment	71,235	81,945	135,529	208,610	226,143	673	746	888	991	1,070
Living	53,765	63,209	103,480	160,913	174,584	631	693	708	783	874
Deceased	17,470	18,736	32,049	47,697	51,559	802	924	1,467	1,692	1,733
World War I	805,035	1,077,778	1,490,569	1,672,607	1,628,302	719	833	885	937	934
Living	520,925	715,967	1,025,730	1,104,226	1,047,139	777	912	976	1,058	1,068
Deceased	284,110	361,811	464,839	568,381	581,163	613	676	684	703	692
World War II	1,964,983	1,978,398	1,964,381	2,242,601	2,294,760	631	705	778	867	921
Living	1,701,019	1,673,939	1,633,451	1,697,536	1,721,960	581	645	723	842	917
Deceased	263,964	304,459	330,930	545,065	572,800	953	1,030	1,047	943	930
Korean conflict [3]	(X)	189,508	252,894	309,189	320,067	(X)	886	920	1,008	1,078
Living	(X)	155,357	212,857	240,158	245,791	(X)	812	857	966	1,059
Deceased	(X)	34,151	40,037	69,031	74,276	(X)	1,226	1,255	1,157	1,142

– Represents zero. X Not applicable.
[1] Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls.
[2] Deceased veterans whose dependents were receiving compensation or pension benefits.
[3] Veterans with service during period June 27, 1950–Jan. 31, 1955.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 394. Veterans Receiving Compensation for Service-Connected Disabilities: 1955, 1960, and 1966

[As of June 30]

PERIOD OF SERVICE	1955			1960			1966		
	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled	Total	Totally disabled	Partially disabled
Total	2,076,026	123,517	1,952,509	2,026,821	110,429	1,916,392	1,993,162	110,444	1,882,718
Korean conflict	153,831	17,685	136,146	206,388	14,636	191,752	229,115	15,123	213,992
World War II	1,619,498	69,558	1,549,940	1,543,920	61,280	1,482,640	1,476,894	63,059	1,413,835
World War I	239,416	28,211	211,205	173,084	23,059	150,025	112,629	15,317	97,312
Spanish-American War	400	225	175	196	111	85	84	44	40
Regular Establishment	62,881	7,838	55,043	103,233	11,343	91,890	174,440	16,901	157,539

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs.*

No. 395. U.S. Government Life Insurance and National Service Life Insurance Policies in Force, by Plan: 1966

[**Money figures in millions of dollars.** As of June 30. Veterans Administration operates two insurance programs: (*a*) U.S. Government life insurance for veterans of World War I; and (*b*) national service life insurance for veterans of World War II and later. These two programs are separate in all particulars. See also *Historical Statistics, Colonial Times to 1957*, series Y 851-852]

Plan	U.S. Government Life Insurance		National Service Life Insurance									
			Fund [1]		Appropriation [2]		Service-disabled veterans fund [3]		Veterans insurance			
									Special life [4]		Reopened [5]	
	Number	Amt.	Number	Amt.	Number	Amt.	Number	Amt.	Number	Amt.	Number	Amt.
All plans	**241,073**	**1,052**	**4,792,674**	**31,358**	**6,101**	**33**	**63,412**	**550**	**636,891**	**5,596**	**139,735**	**986**
5-year term	3,682	24	2,487,440	19,140	2,702	17	33,578	311	472,516	4,312	(X)	(X)
Life:												
Modified [6]	(X)	(X)	94,718	752	63	(Z)	324	3	523	5	33,358	255
Ordinary	85,018	434	544,432	3,443	1,187	6	10,562	87	56,178	472	40,180	290
20-payment	121,054	441	945,597	4,293	1,125	5	8,010	62	32,766	229	33,707	217
30-payment	18,373	96	407,208	2,245	441	2	6,286	52	39,026	315	5,390	37
Endowment:												
20-year	1,507	7	115,495	447	270	1	1,249	7	7,689	46	11,877	80
30-year	1,441	7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
At age 60	(X)	(X)	88,269	490	159	1	1,212	9	11,105	84	7,711	54
At age 62	810	5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
At age 65	(X)	(X)	62,097	381	107	1	1,055	9	11,370	92	7,512	52
At age 96	4,182	26	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Extended	1,761	4	43,627	159	41	(Z)	1,111	9	5,686	41	–	–
Paid-up	3,245	9	3,791	8	6	(Z)	25	(Z)	32	(Z)	–	–

– Represents zero. X Not applicable. Z Less than $500,000.

[1] Administered as a trust fund for benefit of policyholders and their beneficiaries. All premiums collected on insurance issued and all interest earned thereon are paid into the fund; disbursements are made from it for death claims, dividends, and other benefits. The Government bears the cost of administration of this fund in addition to expenses for certain types of losses.

[2] Nonparticipating insurance for disabled veterans for whom good health provisions are waived because of disabilities resulting from active service between Oct. 8, 1940, and Sept. 2, 1945.

[3] For veterans discharged on or after Apr. 25, 1951, with service-connected disability which would be compensable if 10 percent or more in degree, but who are otherwise insurable.

[4] Veterans entitled to indemnity protection under Servicemen's Indemnity Act of 1951 and separated from active service without a service-connected disability between Apr. 5, 1951 and Jan. 1, 1957, were granted nonparticipating NSLI on 5-year renewable nonconvertible term plan without medical examination. Effective Jan. 1, 1959, this insurance made convertible to any one of 6 permanent plans (ordinary life, 20-payment life, 30-payment life, 20-year endowment, endowment at age 60, and endowment at age 65) or exchangeable for 5-year limited convertible term, which is not renewable after age 50.

[5] In 1964, Congress enacted legislation which provided for a limited reopening of National Service Life Insurance for a period of 1 year beginning May 1, 1965 to veterans who qualify as stipulated in the law. Program is nonparticipating and self-supporting.

[6] Modified life, a new form of NSLI, became available May 1, 1965.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 396. Veterans Life Insurance: 1941 to 1966

[In millions]

Year	Insurance in force		Benefit payments				Supplementary contract payments [2]
	Number of policies	Amount	Total	Death payments [1]	Dividends	Other benefits	
1941	1	$5,034	$83	$39	$8	$36	$15
1945	13	98,426	1,262	1,227	8	27	240
1950	7	45,286	879	204	625	50	325
1955	6	42,728	366	114	196	56	319
1958	6	43,234	437	140	238	59	306
1959	6	42,617	469	149	257	63	317
1960	6	42,030	491	162	262	67	307
1961	6	40,348	748	168	511	69	322
1962	6	39,812	597	173	327	97	302
1963	6	39,618	510	193	231	86	304
1964	6	39,264	500	202	224	74	277
1965	6	39,369	522	219	222	81	238
1966	6	39,634	573	240	207	126	232

[1] Represents the face amounts of death claims incurred during the year, including amounts left to be paid under supplementary contracts.

[2] Represents the total payments from accumulated insurance policy proceeds left to be paid in monthly installments, and withdrawals of dividend accumulations.

Source: Institute of Life Insurance, New York, N.Y.; *Life Insurance Fact Book*. Data from Veterans Administration.

No. 397. Veterans Administration Patients Resident in VA and Other Hospitals: 1955 to 1965

[As of October 31, except as noted. Based on sample of VA patient load in VA and other hospitals]

PATIENTS' COMPENSATION AND PENSION STATUS [1]	1955 [2]	1960	1963	1964 [3]	1965 [4]
All patients	**114,876**	**114,360**	**112,715**	**112,345**	**109,338**
Treated for SC disabilities (group 1)	41,928	36,545	32,965	32,130	31,131
Treated for NSC disabilities only but with compensable SC disabilities (group 2)	9,708	10,456	11,415	11,605	11,303
Treated for chronic NSC disabilities [5] (group 3)	37,792	39,310	39,175	38,935	37,028
Treated for presumed nonchronic NSC disabilities, [6] and—					
In receipt of, or filed for, VA pension (group 4)	11,492	13,740	15,020	15,065	15,628
Filed claim for VA compensation (group 5)	1,156	596	275	175	243
Filed no claim for VA compensation or pension (group 6)	12,264	13,386	13,425	14,130	13,848
Nonveterans (group 7)	*536*	*324*	*440*	*305*	*160*

[1] Groups are mutually exclusive. Patients with characteristics of more than one group are included only in group with lowest group number. Abbreviations SC and NSC refer to "service-connected" and "nonservice-connected," respectively. [2] As of Nov. 30. [3] As of Oct. 28. [4] As of Oct. 27.
[5] Includes veterans hospitalized for "nonservice-connected" psychoses or tuberculosis, and those hospitalized for the treatment of other "nonservice-connected" disabilities for 90 days or more.
[6] Includes veterans hospitalized for less than 90 days for "nonservice-connected" other psychiatric, neurological, and general medical and surgical disabilities.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 398. Patients Receiving Health Care Authorized by Veterans Administration, and Operating Expenses of VA Hospitals: 1945 to 1966

[For years ending June 30. See *Historical Statistics, Colonial Times to 1957*, series Y 38-850, for related data]

ITEM	1945	1950	1955	1960	1963	1964	1965	1966
Patients admitted to hospitals [1]	243,994	577,715	498,187	539,243	610,887	634,308	627,993	641,469
Tuberculosis	14,050	18,700	24,562	19,877	(2)	(2)	(2)	(2)
Neuropsychiatric	45,654	48,200	54,235	64,927	[2] 56,336	[2] 61,152	[2] 63,506	[2] 71,288
General	184,290	510,815	419,390	454,439	[2] 554,551	[2] 573,156	[2] 564,487	[2] 570,181
Patients receiving hospital care (average daily number) [1]	68,260	108,038	110,733	114,356	112,593	112,881	111,782	109,882
Tuberculosis	6,748	14,777	15,551	9,342	(2)	(2)	(2)	(2)
Neuropsychiatric	42,270	55,325	59,473	62,967	[2] 57,061	[2] 57,494	[2] 56,801	[2] 55,545
General	19,242	37,936	35,709	42,047	[2] 55,532	[2] 55,387	[2] 54,981	[2] 54,337
Veterans receiving domiciliary care (average daily number):								
Veterans Administration	9,002	16,870	16,972	16,856	16,113	15,330	14,575	13,091
State	4,159	7,437	8,802	9,418	9,161	9,346	9,146	8,228
Reimbursement per patient by Federal Government [3]	$300	$500	$667	$700	$913	$913	$913	$913
Veterans receiving nursing home bed care (average daily number):								
Veterans Administration	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	150	1,245
State	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	156	972
Community facilities	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	1,637
Reimbursement per patient by Federal Government:								
State nursing bed care [3]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	$1,278	$1,278
Community nursing bed care [3]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	$3,833	$3,833
Visits by veterans for outpatient medical care 1,000	(NA)	(NA)	3,640	3,611	[4] 5,901	6,179	5,987	6,182
Operating expenses of VA hospitals [5] $1,000	80,324	412,780	577,921	763,008	873,348	904,509	946,399	976,066
Per diem cost in VA hospitals [6]	$3.42	$10.90	$14.53	$18.44	$21.56	$22.43	$23.75	$24.90

NA Not available. [1] Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans.
[2] Data for tuberculosis and neurological patients included in "General." Prior to 1963, data for neurological patients included in "Neuropsychiatric." [3] Maximum annual allowance.
[4] Includes 1,600,000 visits for outpatient categories previously not reported.
[5] Excludes costs for VA nursing bed care and domiciliary care.
[6] Excludes hospitals operated for only part of year under unusual conditions.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 399. Veterans Vocational Training and Education: 1950 to 1966

[As of November 30. Includes data for beneficiaries of disabled and deceased veterans]

STATUS	1950	1955	1960	1963	1964	1965	1966
Vocational rehabilitation: [1]							
Entered training (cumulative)	567,388	645,247	680,647	693,238	700,435	706,263	712,142
In training	110,906	25,458	6,364	5,905	7,639	6,850	6,716
Institutions of higher education	28,652	9,994	2,402	1,931	2,750	2,989	3,078
Schools below college level	18,866	8,066	2,561	3,446	4,273	3,345	3,098
Institutional on-farm	37,976	2,693	321	131	140	99	94
On-the-job	25,412	4,705	1,080	397	476	417	446
Education and training: [2]							
Entered training (cumulative)	7,249,524	9,085,996	10,149,369	10,185,068	10,189,073	10,190,691	(X)
In training	1,759,021	784,428	251,710	38,488	18,257	(X)	(X)
Institutions of higher education	580,597	450,880	171,720	28,569	13,532	(X)	(X)
Schools below college level	731,831	235,439	70,078	9,504	4,518	(X)	(X)
Institutional on-farm	292,335	36,690	5,790	221	121	(X)	(X)
On-the-job	154,258	61,419	4,122	194	86	(X)	(X)
Educational assistance: [3]							
Entered training (cumulative)	(X)	(X)	26,855	63,312	72,639	86,057	101,739
In training	(X)	(X)	14,336	23,884	23,257	24,775	23,417
Institutions of higher education	(X)	(X)	11,724	21,704	21,579	22,872	21,675
Schools below college level	(X)	(X)	2,612	2,180	1,678	1,903	1,742

X Not applicable. [1] Beginning 1963, includes peacetime service.
[2] Statutory termination date Jan. 31, 1965.
[3] Program initiated in June 1956.

Source: Veterans Administration; *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 400. Veterans Guaranteed and Insured Loans—Number and Amount of Loans Closed, by Type of Loan: Total and 1951 to 1966

[Money figures in thousands of dollars]

YEAR	TOTAL			HOME		FARM		BUSINESS	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
Total	6,925,631	65,802,655	34,332,403	6,614,984	64,841,195	71,693	285,518	238,954	675,942
To 1950	2,303,975	12,759,732	6,281,187	2,120,463	12,150,993	58,507	223,554	125,005	385,185
1951	493,494	3,713,228	2,145,144	447,373	3,614,479	3,630	16,020	42,491	82,729
1952	339,049	2,790,666	1,602,699	306,466	2,717,919	1,945	7,892	30,638	64,855
1953	335,977	3,100,827	1,788,973	322,053	3,060,917	1,451	6,264	12,473	33,646
1954	419,327	4,284,078	2,447,102	410,746	4,256,296	1,424	6,465	7,157	21,317
1955	657,276	7,185,710	4,031,376	649,412	7,154,236	1,866	9,805	5,998	21,669
1956	512,722	5,888,409	3,247,117	507,500	5,866,004	1,312	6,618	3,910	15,787
1957	310,414	3,774,808	2,030,828	306,437	3,757,970	821	3,715	3,156	13,123
1958	148,154	1,874,123	979,769	145,874	1,863,919	253	1,595	2,027	8,609
1959	215,122	2,796,550	1,455,689	213,283	2,788,113	194	1,241	1,645	7,196
1960	146,318	1,989,853	1,003,505	144,885	1,983,651	95	512	1,338	5,690
1961	135,689	1,840,863	929,036	134,515	1,835,056	57	387	1,117	5,420
1962	189,212	2,655,205	1,305,684	188,360	2,650,586	54	429	798	4,190
1963	211,193	3,044,594	1,472,338	210,671	3,041,702	11	112	511	2,780
1964	186,564	2,852,991	1,315,064	186,204	2,850,766	20	261	340	1,964
1965	163,660	2,651,984	1,165,168	163,409	2,650,442	26	352	225	1,190
1966	157,485	2,599,033	1,131,724	157,333	2,598,146	27	295	125	592

Source: Veterans Administration; *Loan Guaranty Highlights*.