27. Forests and Forest Products

GENERAL NOTE

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, is making an inventory of the forest resource and is measuring rates of forest growth and drain. A number of reports for surveyed areas have been published. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The Statistical Supplement to the Annual Report of the Chief of the Forest Service carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to annual reports of the Census of Forest Products. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Bureau of Agricultural and Industrial Chemistry of the Department of Agriculture publishes annual reports of the production of naval stores.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

The Timber Products and Pulp and Paper series of the Industry Reports, published by the Bureau of Foreign and Domestic Commerce in cooperation with other government agencies, carry forest products statistics which have been developed to meet current needs for information.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. As explained in the headnotes to the following tables, however, the data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, are believed to be practically complete. Statistics relating to average value of lumber sawed may be subject to some special limitations due to under representation of small mills.

No. 792.—Forests—Area, Saw-Timber Stand, and Annual Growth Estimates, by Regions: 1938

Region	Total forest land (thousand acres)	Commercial forest area (thousand acres)					
		Total	Publicly owned	Privately owned	Saw-timber area		
					Total	Old growth	Second growth
Total	630, 158	461, 697	120, 788	340, 909	212, 862	100, 832	112, 030
Northeastern [1]	62, 148	59, 376	5, 022	54, 354	21, 154	8, 002	13, 152
Central [2]	29, 328	29, 231	1, 690	27, 541	9, 680	367	9, 313
Lake [3]	55, 634	52, 395	20, 857	31, 538	7, 123	3, 586	3, 537
South [4]	210, 609	202, 531	14, 604	187, 927	96, 694	25, 128	71, 566
Columbia River Basin [5]	99, 514	73, 842	46, 133	27, 709	44, 106	37, 206	6, 900
California [6]	48, 159	13, 655	6, 856	6, 799	11, 417	8, 653	2, 764
South Rocky Mountain [7]	102, 576	30, 653	25, 612	5, 041	22, 683	17, 889	4, 794
Plains [8]	22, 190	14	14	----------	5	1	4

Region	Commercial forest area (1,000 acres)—continued.			Stand of saw timber (millions of board feet)				
	Cordwood area	Fair to satisfactory restocking area	Poor to nonrestocking area	Total	Publicly owned	Privately owned	Softwoods	Hardwoods
Total	100, 791	71, 306	76, 738	1, 763, 651	736, 954	1, 026, 697	1, 493, 120	270, 531
Northeastern [1]	15, 361	14, 702	8, 159	84, 025	2, 950	81, 075	41, 056	42, 969
Central [2]	8, 660	5, 204	5, 687	14, 301	531	13, 770	369	13, 932
Lake [3]	10, 831	13, 442	20, 999	57, 616	10, 917	46, 699	20, 881	36, 735
South [4]	47, 961	29, 114	28, 762	386, 570	16, 501	370, 069	214, 632	171, 938
Columbia River Basin [5]	11, 967	8, 523	9, 246	882, 632	500, 138	382, 494	877, 676	4, 956
California [6]	148	155	1, 935	213, 480	89, 121	124, 359	213, 480	--------
South Rocky Mountain [7]	5, 859	161	1, 950	124, 992	116, 761	8, 231	124, 991	1
Plains [8]	4	5	--------	35	35	----------	35	--------

Region	Annual growth of wood on commercial forest areas					
	Combined saw-timber and cordwood growth (millions of cubic feet)			Saw-timber growth (millions of board feet)		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
Total	11, 287	5, 934	5, 353	32, 033	21, 168	10, 865
Northeastern [1]	1, 260	328	932	2, 625	1, 142	1, 483
Central [2]	568	20	548	978	21	957
Lake [3]	979	248	731	1, 850	613	1, 237
South [4]	6, 495	3, 390	3, 105	20, 403	13, 310	7, 093
Columbia River Basin [5]	1, 634	1, 597	37	5, 247	5, 152	95
California [6]	155	155	----------	414	414	----------
South Rocky Mountain [7]	196	196	----------	516	516	----------
Plains [8]	----------	----------	----------	----------	----------	----------

[1] Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.
[2] Illinois, Indiana, Iowa, Missouri, and Ohio. [3] Michigan, Minnesota, and Wisconsin.
[4] Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, eastern Oklahoma, South Carolina, Tennessee, eastern Texas, Virginia, and West Virginia.
[5] Idaho, Montana, Oregon, and Washington. [6] California.
[7] Arizona, Colorado, Nevada, New Mexico, western South Dakota (Black Hills), Utah, and Wyoming.
[8] Kansas, Nebraska, North Dakota, western Oklahoma, eastern South Dakota, and western Texas.

Source: Department of Agriculture, Forest Service; records (not published elsewhere) and Report of Joint Committee on Forestry, pursuant to Senate Concurrent Resolution 31, 75th Cong.

No. 793.—Stand of Saw Timber (Estimated), by Region and Kind of Wood: 1938

[Quantity in millions of board feet]

KIND OF WOOD	Total	Northeastern	Central	Lake	South	Columbia River Basin	California	South Rocky Mountain	Plains
Grand total	1,783,651	84,025	14,301	57,616	386,570	882,632	213,480	124,992	35
Eastern softwoods, total	276,938	41,056	369	20,881	214,632				
Southern yellow pine	196,840	597	184		196,059				
Spruce and fir	24,086	20,284		3,452	350				
White and red pine	18,101	11,920	7	5,232	942				
Hemlock	17,552	6,137	13	9,222	2,180				
Cypress	11,554		146		11,408				
Others	8,805	2,118	19	2,975	3,693				
Eastern hardwoods, total	265,574	42,969	13,932	36,735	171,938				
Oak	83,700	5,831	7,551	5,298	65,020				
Birch, beech, and maple	55,178	29,528	2,523	20,317	2,810				
Red gum	27,837	71	359		27,407				
Tupelo	20,403		45		20,358				
Yellow poplar	9,595	221	183		9,191				
Cottonwood and aspen	8,035	2,042	172	4,126	1,695				
Others	60,826	5,276	3,099	6,994	45,457				
Western soft woods, total	1,216,182					877,676	213,480	124,991	35
Douglas fir	489,905					426,464	51,400	12,041	
Ponderosa pine	224,904					129,462	54,451	40,956	35
True fir	121,737					72,908	40,740	8,089	
Western hemlock	115,551					115,551			
Spruce	62,821					26,664		36,157	
Redwood	39,150						39,150		
Lodgepole pine	38,620					12,043		26,577	
Western larch	25,306					25,306			
Sugar pine	24,684					4,895	19,789		
Western white pine	18,333					18,333			
Others	55,171					46,050	7,950	1,171	
Western hardwoods, total	4,957					4,956		1	

Source: Department of Agriculture, Forest Service; records (not published elsewhere) and Report of Joint Committee on Forestry, pursuant to Senate Concurrent Resolution 31, 75th Congress.

No. 794.—National Forest Areas, by States and for Alaska and Puerto Rico: June 30, 1945

[Areas comprise national forests, purchase units, experimental areas, land utilization and other areas]

STATE OR TERRITORY	Area within established boundaries (acres): Gross area [1]	Not under Forest Service Admin.	Under Forest Service Admin. [1]	STATE OR TERRITORY	Area within established boundaries (acres): Gross area [1]	Not under Forest Service Admin.	Under Forest Service Admin. [1]
Total	228,451,444	49,235,758	179,215,686	Montana	18,996,725	2,655,605	16,341,120
				Nebraska	207,209	1,183	206,026
Alabama	2,435,087	1,819,275	615,812	Nevada	5,305,122	253,750	5,051,372
Alaska	20,883,455	35,083	20,848,372	New Hampshire	806,323	141,876	664,447
Arizona	12,159,018	649,644	11,509,374	New Mexico	[2] 10,094,161	1,129,559	[2] 8,964,602
Arkansas	3,586,665	1,297,126	2,289,539	North Carolina	3,593,436	2,586,312	1,007,124
California	24,785,071	5,164,158	19,620,913	North Dakota	764,425	763,905	520
Colorado	[2] 15,177,954	1,494,055	[2] 13,683,899	Ohio	1,466,109	1,389,403	76,706
Florida	1,241,955	181,560	1,060,395	Oklahoma	344,269	176,493	167,776
Georgia	1,732,322	1,079,189	653,133	Oregon	17,306,233	2,668,945	14,637,288
Idaho	21,502,389	1,412,396	20,089,993	Pennsylvania	746,703	283,600	463,103
Illinois	812,654	605,031	207,623	Puerto Rico	186,155	154,656	31,499
Indiana	[2] 781,467	700,752	[2] 80,715	South Carolina	1,422,604	857,957	564,647
Iowa	218,671	213,922	4,749	South Dakota	1,407,026	289,750	1,117,276
Kentucky	1,393,534	960,516	433,018	Tennessee	1,531,797	967,182	564,615
Louisiana	1,274,066	733,587	540,479	Texas	1,714,374	1,055,355	659,019
Maine	878,032	828,970	49,062	Utah	[2] 8,962,353	1,146,984	[2] 7,815,369
Maryland	4,318	3,208	1,110	Vermont	580,520	412,382	168,138
Massachusetts	1,651		1,651	Virginia	4,123,667	2,719,381	1,404,286
Michigan	5,143,067	2,875,100	2,267,967	Washington	10,735,419	1,088,576	9,646,843
Minnesota	5,041,305	2,465,226	2,576,079	West Virginia	1,836,140	932,738	903,402
Mississippi	[2] 2,777,325	1,795,689	[2] 981,636	Wisconsin	2,017,341	604,207	1,413,134
Missouri	3,459,999	2,194,696	1,265,303	Wyoming	9,013,328	446,776	8,566,552

[1] Includes federally-owned lands in purchase units which have not been proclaimed as national forests, lands approved for acquisition, but unacquired, experimental forests and ranges and all small federally-owned administrative sites outside of established boundaries, and lands within national forest boundaries which have been transferred from Soil Conservation Service and other Federal agencies but do not have a national forest status.

[2] Excludes those lands outside national forest boundaries transferred from Soil Conservation Service and other Federal agencies, and requiring Presidential or Congressional action to extend a national forest status.

Source: Department of Agriculture, Forest Service; Annual Report on National Forest Areas.

No. 795.—National Forest Reservations—Land Purchases, by States and for Puerto Rico, to June 30, 1945

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

State or outlying area	Gross area (acres)	Total net area approved for purchase			Purchased			Remaining acquirable area (acres)
		Acres	Average price	Total price (1,000)	Acres	Average price	Total price (1,000)	
Total	54,412,469	18,082,039	$3.77	$68,178	18,075,500	$3.77	$68,154	24,351,276
Alabama	2,435,087	500,925	3.65	1,827	500,925	3.65	1,827	1,466,695
Arkansas	3,584,967	1,106,381	2.73	3,018	1,106,381	2.73	3,018	893,938
California	2,138,017	130,721	8.25	1,079	130,721	8.25	1,079	716,598
Florida	1,241,956	770,658	3.07	2,363	770,657	3.06	2,362	168,376
Georgia	1,727,585	593,359	4.90	2,908	593,359	4.90	2,908	859,667
Idaho	465,673	26,454	3.42	90	26,454	3.42	90	113,546
Illinois	801,944	185,143	6.09	1,127	185,125	6.09	1,127	416,227
Indiana	781,467	80,183	6.69	536	80,183	6.69	536	428,166
Iowa	218,671	4,748	9.11	43	4,748	9.11	43	184,562
Kentucky	1,393,521	432,918	3.80	1,643	432,918	3.80	1,643	745,820
Louisiana	1,274,066	531,351	2.80	1,487	531,351	2.80	1,487	653,387
Maine	878,032	49,050	6.63	325	49,050	6.63	325	637,137
Michigan	5,143,067	1,856,175	2.96	5,495	1,856,055	2.96	5,495	2,337,595
Minnesota	5,041,305	1,503,908	2.39	3,597	1,500,762	2.39	3,591	2,168,943
Mississippi	2,685,492	1,003,208	3.53	3,537	1,003,208	3.53	3,537	1,529,075
Missouri	3,459,999	1,250,436	2.23	2,791	1,250,436	2.23	2,791	1,767,651
Nevada	8,895	8,895	14.50	129	8,895	14.50	129	----------
New Hampshire	806,323	664,274	7.78	5,167	664,274	7.78	5,167	117,341
New Mexico	92,514	20,715	1.92	40	20,715	1.92	40	10,200
North Carolina	3,605,123	965,766	5.16	4,979	965,766	5.16	4,979	1,825,921
North Dakota	764,425	480	10.00	5	480	10.00	5	499,480
Ohio	1,466,109	76,684	6.23	478	76,684	6.23	478	1,163,655
Oklahoma	344,269	167,016	1.66	277	167,016	1.66	277	172,023
Oregon	69,704	52,467	17.03	894	52,467	17.03	894	8,153
Pennsylvania	726,311	461,010	6.30	2,905	461,010	6.30	2,905	151,840
Puerto Rico	186,155	12,893	13.17	170	12,893	13.17	170	86,669
South Carolina	1,422,600	558,279	6.16	3,439	558,279	6.16	3,439	790,933
Tennessee	1,531,695	554,185	4.42	2,450	554,185	4.42	2,450	618,733
Texas	1,714,364	656,428	4.62	3,032	653,218	4.62	3,016	808,415
Utah	----------	22,625	2.77	63	22,625	2.77	63	----------
Vermont	580,520	168,093	10.16	1,708	168,093	10.16	1,708	318,329
Virginia	3,969,154	1,405,296	3.25	4,568	1,405,252	3.25	4,567	1,677,647
West Virginia	1,836,138	903,400	3.40	3,076	903,400	3.40	3,076	625,128
Wisconsin	2,017,321	1,357,915	2.16	2,934	1,357,915	2.16	2,934	389,426

Source: National Forest Reservation Commission, Annual Report.

No. 796.—Timber Cut on the National Forests—Volume and Value: Fiscal Years, 1929 to 1945

[Volume in thousands of board feet; values in thousands of dollars.]

Fiscal year	Timber cut				Miscellaneous forest products [1]	Total value, all forest products
	Commercial and cost sales, land exchanges		Free use			
	Volume	Value	Volume	Value [2]	Value	Value
1929	1,496,725	4,328	86,768	[3] 98	31	4,456
1930	1,653,265	4,790	116,096	[3] 117	23	4,930
1931	1,222,361	3,348	167,680	[3] 162	17	3,527
1932	611,751	1,519	270,244	[3] 227	21	1,767
1933	473,922	1,077	265,812	237	19	1,333
1934	674,542	1,609	248,243	210	26	1,845
1935	752,368	1,938	316,769	281	41	2,260
1936	1,021,156	2,590	293,126	272	30	2,892
1937	1,290,623	3,189	317,696	277	39	3,505
1938	1,287,917	3,209	301,375	279	52	3,539
1939	1,290,561	3,375	267,785	260	52	3,687
1940	1,740,271	4,807	325,595	304	57	5,168
1941	2,067,279	5,762	284,228	260	62	6,084
1942	2,204,749	6,109	219,358	241	79	6,429
1943	2,359,473	8,672	169,057	175	60	8,907
1944	3,333,167	14,155	180,654	213	150	14,518
1945	3,144,789	13,016	154,167	171	104	13,291

[1] Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.
[2] Includes Free use not reducible to board feet.
[3] Calendar year data.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics, and records.

No. 797.—National Forests—Net Cash Receipts, Fiscal Years: 1905 to 1945

[In thousands of dollars]

Fiscal year	Total receipts	From use of timber [1]	From use of forage	From special land use, water power, etc.	Fiscal year	Total receipts	From use of timber [1]	From use of forage	From special land use, water power, etc.
1905	73	73	-------	(2)	1926	5,156	3,367	1,422	367
1906	758	237	513	7	1927	5,167	3,253	1,531	382
1907	1,530	654	857	19	1928	5,442	3,325	1,714	403
1908	1,788	811	947	30	1929	6,300	4,109	1,740	451
1909	1,766	702	1,023	42	1930	6,752	4,390	1,943	419
1910	2,041	1,011	970	60	1931	4,993	2,608	1,961	425
1911	1,969	952	928	89	1932	2,294	1,049	830	415
1912	2,109	1,028	961	120	1933	2,626	783	1,498	345
1913	2,392	1,271	999	122	1934	3,315	1,522	1,359	434
1914	2,438	1,311	1,002	124	1935	3,289	1,729	1,151	408
1915	2,481	1,183	1,130	168	1936	4,063	2,203	1,441	418
1916	2,824	1,422	1,210	192	1937	4,936	2,924	1,580	431
1917	3,457	1,640	1,550	267	1938	4,671	2,518	1,696	457
1918	3,575	1,630	1,726	219	1939	4,903	2,857	1,574	472
1919	4,358	1,535	2,609	214	1940	5,859	3,943	1,463	453
1920	4,793	2,045	2,486	263	1941	6,682	4,789	1,429	464
1921	4,152	1,770	2,132	250	1942	7,165	5,094	1,595	476
1922	3,422	1,813	1,316	292	1943	10,056	7,610	1,973	473
1923	5,336	2,722	2,341	272	1944	15,617	12,623	2,459	535
1924	5,252	3,036	1,916	300	1945	16,048	11,587	2,159	2,302
1925	5,000	2,940	1,725	334					

[1] Commercial and cost sales. [2] Less than $500.

Source: Department of Agriculture, Forest Service, annual report, Agricultural Statistics.

No. 798.—Forest Fires—Number, and Area Burned Over on Federal, State, and Private Forest Lands: 1929 to 1944

[Area in thousands of acres]

Year	Federal lands [1]			State and private forests [2]					
	On protected area			On protected area			On unprotected area		
	Forest area [3]	Number of fires	Area burned over	Forest area [3]	Number of fires	Area burned over	Forest area [3]	Number of fires	Area burned over
1929	(4)	(4)	(4)	395,675	44,076	4,876	203,890	90,819	41,354
1930	(4)	(4)	(4)	399,142	70,832	5,809	208,779	120,148	46,457
1931	134,610	5,715	551	266,173	56,459	5,856	216,541	125,040	45,200
1932	138,525	4,933	419	266,723	55,567	3,234	220,617	105,899	38,410
1933	176,696	4,517	380	266,259	48,770	3,343	218,664	87,435	40,167
1934	182,167	8,064	658	282,979	61,254	3,515	209,558	93,345	37,648
1935	180,443	7,962	228	288,751	54,592	2,311	204,379	77,743	27,796
1936	187,122	11,144	425	298,365	73,709	3,792	195,650	141,432	38,990
1937	182,872	9,468	90	301,911	54,292	1,254	182,763	121,449	20,637
1938	191,860	9,873	316	308,458	76,326	2,623	158,884	146,030	30,876
1939	157,691	12,356	522	278,919	85,677	3,266	148,812	114,638	26,660
1940	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1941	153,559	10,002	437	282,074	80,994	3,138	143,743	108,706	22,830
1942	153,561	9,941	576	290,928	75,849	3,863	136,687	122,428	27,415
1943	183,052	9,892	702	299,331	78,815	3,860	131,275	121,619	27,772
1944	212,344	8,985	375	301,228	56,148	2,301	129,919	66,096	13,873

[1] In continental United States; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.
[2] In continental United States and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates only.
[3] Prior to 1939 forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.
[4] Included in State and private forests, protected area.

Source: Department of Agriculture, Forest Service; annual report, Forest Fire Statistics, and records

No. 799.—Forest Fire Control—Prevention and Suppression Expenditures on State and Private Forest Lands, by States and for Hawaii: Fiscal Year 1945

[In thousands of dollars. In some States, the Federal expenditures exceed the total of the State, county and private expenditures because the Federal wartime emergency allotment did not require matching]

State or territory	Total expenditures	Federal (contributions)	State and county	Private agencies
Total	14,601	5,925	6,562	2,114
Alabama	394	156	119	119
Arkansas	276	141	96	39
California	2,277	857	1,420	-------
Colorado	33	16	8	9
Connecticut	99	31	68	-------
Delaware	13	4	9	-------
Florida	646	261	159	226
Georgia	369	169	80	120
Hawaii	10	3	7	-------
Idaho	292	131	61	100
Illinois	35	18	17	-------
Indiana	74	30	44	-------
Kentucky	90	49	41	-------
Louisiana	385	151	185	49
Maine	323	115	208	-------
Maryland	185	97	88	-------
Massachusetts	204	68	136	-------
Michigan	834	319	515	-------
Minnesota	483	226	257	-------
Mississippi	266	125	141	-------
Missouri	113	52	61	-------
Montana	173	73	13	87
Nevada	10	5	(1)	5
New Hampshire	103	48	49	6
New Jersey	276	95	181	-------
New Mexico	17	6	3	8
New York	418	156	262	-------
North Carolina	351	173	151	27
Ohio	89	34	55	-------
Oklahoma	63	28	19	16
Oregon	1,450	571	232	647
Pennsylvania	421	178	243	-------
Rhode Island	65	14	51	-------
South Carolina	451	153	281	12
South Dakota	5	2	3	-------
Tennessee	182	104	74	4
Texas	252	124	112	16
Utah	26	11	15	-------
Vermont	64	23	38	3
Virginia	350	179	170	1
Washington	1,643	584	440	620
West Virginia	246	123	123	-------
Wisconsin	545	217	328	-------

[1] Less than $500.

Source: Department of Agriculture, Forest Service; records.

No. 800.—Timber Removed Annually From Commercial Forests

[Figures are estimates for 1943]

Product and damage	Unit of measure	Quantity in millions	Total volume removed [1] (million cubic feet)	Equivalent in lumber which could have been sawed from total volume removed (million board feet) [2]		
				Total	Softwood	Hardwood
Aggregate			15,366	56,842	42,327	14,515
Products, total			13,306	51,482	37,562	13,920
Lumber	Foot b.m.[3]	34,289	6,789	35,078	27,536	7,542
Fuelwood	Cord	63.65	3,501	6,190	3,020	3,170
Ties (hewn)	Piece	24	281	1,184	704	480
Fence posts	do	248	248	477	190	287
Pulpwood	Cord	14.03	1,333	4,252	3,810	442
Mine timbers (round)	Cu. ft.	190	238	223	115	108
Veneer logs	Foot l. s.	1,711	441	2,080	1,010	1,070
Slack staves	Piece	512	51	233	110	123
Slack heading	Set	41	24	120	100	20
Slack hoops	Piece	16	1	5		5
Misc. logs and bolts	Foot l. s.	500	129	550	250	300
Tight staves	Piece	119	31	147	55	92
Tight heading	Set	7	9	43	18	25
Shingles	Square [4]	3.7	67	304	302	2
Poles	Piece	3.8	39	150	140	10
Piling	do	2.2	59	252	198	54
Distillation and tanning wood	Cord	1.14	65	194	4	190
Damage, total [5]			2,060	5,360	4,765	595
Destroyed by fire			860	1,390	1,195	195
Destroyed by disease, insects, drouth, wind, etc.			1,200	3,970	3,570	400

[1] Includes both saw timber and cordwood trees. The cubic volumes include the tops and limbs, but not the bark.
[2] Includes only timber of saw timber size. Lumber items include allowances for logging waste which might have been utilized.
[3] Lumber tally measure.
[4] A square is considered equivalent to 800 pieces.
[5] 1936 figures. No later data available.

Source: Department of Agriculture, Forest Service; records (not published elsewhere). Based in part upon forest products statistics of the Department of Commerce, Bureau of the Census.

No. 801.—Lumber—Production, by Kind of Wood, and Average Mill Value

Data are not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M. ft. b. m. for all years except 1869–1909, 1919, and 1942–44. Exclusion of the under 50M class of mills would affect the totals less than 1 percent as reflected by the 1942 survey. Data for 1943 and 1944 include estimates forthe East based on sample surveys. For details, see source reports]

[Quantities in millions of board feet; average mill value per 1,000 board feet]

Year (calendar)	Production			Average mill value	Year (calendar)	Production			Average mill value
	Total	Hardwood	Softwood			Total	Hardwood	Softwood	
1869	12,756			(1)	1930	26,051	4,729	21,323	22.81
1879	18,091			(1)	1931	16,523	2,671	13,852	18.56
1889	23,842			$11.41	1932	10,151	1,406	8,746	15.12
1899	[2] 35,078	8,634	26,146	11.13	1933	13,961	2,062	11,899	18.55
1909	44,510	10,613	33,897	15.38	1934	15,494	2,758	12,735	21.47
1919	34,552	7,145	27,407	30.21	1935	19,539	3,291	16,248	20.43
1921	26,961	4,775	22,186	23.47	1936	24,355	4,113	20,242	22.20
1922	31,569	4,925	26,644	26.15	1937	25,997	4,408	21,589	24.25
1923	37,166	6,262	30,904	31.78	1938	21,646	3,353	18,293	21.45
1924	35,931	6,525	29,406	28.57	1939 [3]	24,975	3,733	21,242	21.97
1925	38,339	6,628	31,710	28.02	1940	28,934	4,031	24,903	23.32
1926	36,936	6,467	30,469	27.34	1941	33,476	5,499	27,977	28.09
1927	34,532	6,090	28,442	25.80	1942	36,332	6,822	29,510	31.50
1928	34,142	5,797	28,345	25.61	1943	34,289	7,371	26,917	36.86
1929	36,886	7,073	29,813	26.94	1944	32,938	7,778	25,160	(1)

Kind of wood	Production									
	1899	1909	1919	1929	1939 [3]	1940	1941	1942	1943	1944
Softwood, total	26,146	33,897	27,407	29,813	21,242	24,903	27,977	29,510	26,917	[4] 25,160
Balsam fir		109	68	38	20	13	11	9	7	(1)
Cedar	233	346	332	309	264	294	332	302	268	(1)
Cypress	496	956	656	532	422	405	350	319	254	191
Douglas fir	1,737	4,856	5,902	8,689	6,494	7,121	8,529	8,550	7,951	7,864
Hemlock	3,421	3,051	1,755	2,099	665	716	1,000	1,089	1,213	(1)
Larch	51	421	388	245	111	131	149	201	229	(1)
Lodgepole pine		24	16	31	55	47	72	66	68	72
Ponderosa pine	945	1,500	1,755	3,288	3,360	3,613	4,250	4,030	3,872	3,768
Redwood	360	522	410	486	345	389	456	462	461	462
Spruce	1,442	1,749	980	564	346	402	532	630	557	(1)
Sugar pine	54	97	134	349	309	363	370	338	278	318
White fir		89	223	307	98	121	209	274	403	492
White pine	7,742	3,900	1,724	1,248	1,004	1,124	1,407	1,478	1,936	(1)
Yellow pine	9,659	16,277	13,063	11,630	7,749	10,163	10,312	11,762	9,962	8,132
Other softwood	9									(1)
Hardwood, total	8,634	10,613	7,145	7,073	3,733	4,031	5,499	6,822	7,371	[4] 7,778
Alder		(5)	(5)	24	21	29	27	15	11	13
Ash	269	291	155	152	90	84	102	117	96	(1)
Basswood	308	399	184	133	96	100	120	133	130	(1)
Beech		511	359	187	120	123	228	317	319	(1)
Birch	133	452	375	374	141	170	214	215	188	(1)
Chestnut	207	664	546	268	74	68	93	74	85	(1)
Cottonwood	415	266	144	165	130	154	226	283	244	(1)
Elm	457	347	194	176	74	92	130	167	158	(1)
Hickory	97	334	170	57	38	35	79	119	164	(1)
Magnolia		(5)	2	42	20	26	19	23	(6)	(1)
Maple	633	1,107	857	824	445	463	615	642	581	(1)
Oak	4,438	4,414	2,708	2,574	1,432	1,467	2,163	2,763	3,038	3,292
Red gum	285	707	851	1,104	383	479	587	840	1,044	1,017
Sycamore	30	57	28	58	27	32	49	78	68	(1)
Tupelo		97	144	307	271	228	272	304	395	372
Walnut	39	46	39	72	27	34	44	56	52	(1)
Yellow poplar	1,115	859	329	436	276	376	427	543	589	641
Other hardwood	209	62	59	120	68	71	104	133	[7] 208	(1)

[1] Data not available. [2] Includes 298,000,000 board feet of lumber not reported by kind of wood.
[3] Excludes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.
[4] Totals include species not shown separately.
[5] Less than 500,000 board feet were reported. [6] Included in "Other hardwood." [7] Includes magnolia.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry series.

No. 802.—Lumber—Production, by Regions and States: 1889 to 1944

[See headnote, table 801 for explanation of lack of comparableness of statistics. Data for the Pacific and Rocky Mountain States may be considered complete for the entire series. Data for all States may be considered comparable for 1942 and subsequent years]

[In millions of board feet]

REGION AND STATE	1889	1899	1909	1919	1929	1939 [1]	1942	1943	1944
United States	23,842	35,078	44,510	34,552	36,886	24,975	36,332	34,289	32,938
Northeastern States	4,726	5,709	5,197	2,584	1,232	966	1,895	1,841	2,073
Maine	597	785	1,112	596	258	213	396	288	402
New Hampshire	277	572	650	339	192	187	361	392	356
Vermont	384	376	352	218	120	106	152	138	188
Massachusetts	212	344	361	167	72	67	103	96	109
Connecticut	49	108	168	87	30	17	18	21	27
Rhode Island	8	19	25	11	7	5	5	4	4
New York	925	878	681	358	160	108	278	271	318
New Jersey	34	74	62	37	16	14	24	30	26
Pennsylvania	2,133	2,333	1,463	630	314	186	399	447	499
Maryland	82	184	268	113	55	51	131	132	120
Delaware	23	36	55	27	10	11	28	22	24
Central States	3,130	5,643	5,487	3,016	2,347	1,231	2,614	2,769	2,802
Ohio	565	990	543	280	176	111	271	276	263
Indiana	755	1,037	556	282	170	111	170	156	176
Illinois	222	388	170	65	38	27	101	92	102
Missouri	402	724	660	321	228	74	275	291	335
West Virginia	302	778	1,473	763	633	324	588	655	632
Kentucky	423	775	861	512	339	207	466	531	506
Tennessee	460	951	1,224	792	764	376	743	768	788
Southern States	3,718	8,404	14,796	12,704	12,484	7,549	10,887	9,896	8,207
Georgia	575	1,312	1,342	894	1,386	907	1,971	1,857	1,408
Florida	412	790	1,202	1,137	1,137	603	654	507	445
Alabama	589	1,101	1,691	1,799	2,059	1,412	2,110	2,142	1,730
Mississippi	454	1,206	2,573	2,390	2,669	1,201	1,851	1,634	1,332
Arkansas	538	1,624	2,111	1,772	1,348	1,110	1,573	1,450	[2] 1,262
Louisiana	304	1,115	3,552	3,164	2,232	1,036	1,232	1,082	940
Texas	843	1,232	2,099	1,380	1,452	1,137	1,384	1,129	1,090
Oklahoma	3	22	226	168	200	143	112	96	([2])
North Carolina Pine States	1,129	2,712	5,177	3,374	2,979	2,367	3,988	3,679	3,560
Virginia	416	959	2,102	1,098	708	679	1,214	1,098	1,217
North Carolina	515	1,287	2,178	1,654	1,202	1,042	1,691	1,580	1,441
South Carolina	199	466	898	622	1,068	646	1,083	1,001	902
Lake States	8,251	8,750	5,476	2,692	1,771	781	1,247	994	1,228
Michigan	4,300	3,018	1,890	876	571	333	531	407	553
Minnesota	1,084	2,342	1,562	700	357	111	232	196	242
Wisconsin	2,866	3,389	2,025	1,116	843	337	484	391	433
Pacific States	2,028	2,901	6,905	8,798	14,149	10,693	13,786	13,244	13,141
Washington	1,064	1,429	3,863	4,961	7,302	4,244	4,976	4,490	4,350
Oregon	446	735	1,899	2,577	4,784	4,765	6,480	6,401	6,322
California and Nevada	[3] 518	738	[3] 1,144	[3] 1,259	2,063	1,685	2,330	[3] 2,353	2,469
Rocky Mountain States	249	556	1,292	1,299	1,843	1,336	1,791	1,738	1,811
Montana	90	256	309	287	389	271	433	424	448
Idaho	28	65	646	765	1,029	675	930	890	911
Arizona	5	36	63	74	175	119	143	152	172
New Mexico	26	31	92	87	148	106	122	109	105
Colorado	80	134	142	65	72	84	86	89	87
Utah	14	18	13	12	5	15	19	27	29
Wyoming	6	17	29	9	26	65	58	48	59
All other	612	401	[4] 179	[4] 85	81	51	124	127	116
PERCENTAGE DISTRIBUTION									
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeastern States	19.8	16.3	11.7	7.5	3.3	3.9	5.2	5.4	6.3
Central States	13.1	16.1	12.3	8.7	6.4	4.9	7.2	8.1	8.5
Southern States	15.6	24.0	33.2	36.8	33.8	30.2	30.0	28.9	24.9
North Carolina Pine States	4.7	7.7	11.6	9.8	8.1	9.5	11.0	10.7	10.8
Lake States	34.6	24.9	12.3	7.8	4.8	3.1	3.4	2.9	3.7
Pacific States	8.5	8.3	15.5	25.5	38.4	42.8	37.9	38.6	39.9
Rocky Mountain States	1.0	1.6	2.9	3.8	5.0	5.3	4.9	5.1	5.5
All other	2.6	1.1	.4	.2	.2	.2	.3	.4	.4

[1] Excludes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.
[2] Arkansas and Oklahoma combined.
[3] California only; for 1909 and 1919 Nevada included with "All other." [4] Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry series.

No. 803.—Lumber—Average Mill Value per 1,000 Board Feet: 1899 to 1943

[See headnote, table 801]

KIND OF WOOD	1899	1909	1919	1929	1937	1938	1939	1940	1941	1942	1943
All kinds [1]	$11.13	$15.38	$30.21	$26.94	$24.25	$21.45	$21.97	$23.32	$28.09	$31.50	$36.86
Softwoods	(2)	14.08	28.39	24.31	22.97	20.42	20.97	22.48	27.26	30.73	35.57
Balsam fir	(2)	13.99	32.23	25.49	21.82	20.72	19.43	20.92	24.93	28.93	37.92
Cedar	10.91	19.95	33.80	34.83	37.00	36.41	40.68	39.56	44.68	49.77	51.92
Cypress	13.32	20.46	38.38	35.29	36.79	35.14	35.50	36.07	40.64	45.39	51.75
Douglas fir	8.67	12.44	24.62	20.05	19.67	17.29	17.91	19.49	25.45	30.51	33.04
Hemlock	9.98	13.95	29.16	18.90	20.58	18.99	19.39	22.19	27.33	31.36	34.79
Larch	8.73	12.68	23.39	18.35	17.23	16.05	16.80	16.03	19.47	23.89	28.41
Lodgepole pine	(2)	16.25	29.98	17.97	16.34	16.85	17.76	19.01	19.71	23.41	29.77
Ponderosa pine	9.70	15.39	27.75	26.47	24.53	22.22	22.75	24.29	28.65	32.52	36.79
Redwood	10.12	14.80	30.04	31.00	36.30	36.72	34.56	40.35	46.20	50.47	46.80
Spruce	11.27	16.91	30.76	28.64	25.73	23.72	26.68	26.84	31.71	37.70	44.76
Sugar pine	12.30	18.14	35.99	43.08	34.71	30.16	30.10	30.28	38.75	41.66	46.28
White fir	(2)	13.10	25.66	20.63	18.95	18.22	17.34	18.05	23.36	27.64	34.27
White pine	12.69	18.16	32.83	29.87	29.20	26.77	25.90	27.87	30.32	33.17	39.03
Yellow pine	8.46	12.69	28.71	25.66	22.18	19.01	19.70	21.35	25.50	27.80	34.79
Hardwoods [1]	(2)	19.52	37.22	36.04	30.49	27.09	27.66	28.47	32.34	34.87	41.57
Alder	(2)	15.03	34.67	27.18	23.07	25.41	24.63	27.11	28.10	32.57	38.27
Ash	15.84	24.44	52.69	43.14	37.11	34.30	34.33	35.18	42.10	44.03	47.52
Basswood	12.84	19.50	40.03	39.88	35.65	32.78	31.94	32.98	37.85	42.63	48.33
Beech	(2)	13.25	29.98	28.39	25.08	22.33	22.03	24.24	26.49	30.11	36.16
Birch	12.50	16.95	35.79	39.35	36.11	34.72	33.11	34.63	41.78	47.68	55.47
Chestnut	13.37	16.12	32.30	29.51	24.87	19.88	21.94	20.89	24.93	30.43	32.94
Cottonwood	10.37	18.05	32.24	29.70	26.24	22.05	21.41	22.40	26.87	28.77	34.24
Elm	11.47	17.52	36.39	35.28	25.48	23.84	24.54	26.11	29.64	33.14	37.06
Hickory	18.78	30.80	44.37	40.33	32.12	28.17	26.75	29.99	29.70	35.31	37.79
Magnolia	(2)	15.00	28.01	38.11	29.02	29.67	27.26	29.20	39.49	39.46	(2)
Maple	11.83	15.77	35.56	36.93	24.14	32.34	32.51	34.54	38.29	43.56	48.79
Oak	13.78	20.50	37.87	38.43	29.60	25.41	26.32	26.20	29.74	32.96	40.53
Red gum	9.63	13.20	32.68	34.42	26.63	22.43	23.28	25.67	31.15	30.88	35.95
Sycamore	11.04	14.87	30.32	30.07	22.75	21.42	22.26	22.93	26.82	26.81	33.25
Tupelo	(2)	11.87	28.42	25.39	23.31	20.24	22.09	24.01	28.86	30.68	38.20
Walnut	36.49	43.79	72.13	119.15	85.10	71.26	63.18	71.43	77.20	81.13	132.98
Yellow poplar	14.03	25.39	41.65	41.66	31.60	25.75	26.98	26.04	30.70	32.31	41.99

[1] Includes some hardwoods not shown separately. [2] Data are not available.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry series.

No. 804.—Lumber and Shingles—Production, for Alaska: 1899 to 1944

YEAR	Number of mills reporting	LUMBER SAWED (M FEET, B. M.)					Shingle (squares)[1]
		Total	Spruce	Hemlock	Cedar	All other	
1899	10	6,571	6,056	15	(2)	[3] 500	----------
1904	6	7,974	7,933	----------	(2)	[3] 41	1,158
1919	22	21,673	21,182	491	----------	----------	----------
1923	20	36,076	33,504	2,266	(2)	[3] 306	2,849
1925	28	40,857	35,718	2,938	(2)	[3] 2,201	3,295
1927	21	41,395	34,571	6,291	(2)	[3] 533	4,535
1929	19	30,393	21,850	8,205	(2)	[3] 338	2,943
1931	16	16,535	12,091	4,189	(2)	[3] 255	1,063
1933	20	12,901	10,292	1,523	1,086	----------	1,380
1935	20	23,499	14,769	8,069	658	3	2,182
1937	20	25,276	15,794	8,477	994	11	2,181
1939	24	25,885	18,162	6,071	1,595	57	2,471
1940	25	27,792	22,137	4,635	1,020	----------	2,196
1941	27	36,547	28,064	7,515	933	35	3,718
1942	37	40,590	34,832	4,635	1,088	35	3,398
1943	29	62,603	48,633	13,355	603	12	1,117
1944	29	67,414	55,237	11,314	842	21	1,250

[1] Reported in thousands for 1932 and prior years and converted on basis of 800 shingles to the square.
[2] Included in "All other." [3] Includes figures for cedar lumber.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tenn. Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry series.

No. 805.—Stumpage and Log Sales—Quantity, Value, and Average Price, by Type of Sale, Species, and Region: 1943

[Quantities in millions of board feet; value in thousands of dollars; average price per 1,000 board feet]

Type of sale, species, and region	Stumpage				Logs			
	Transactions	Quantity	Value	Average price	Transactions	Quantity	Value	Average price
Total sales	15,391	14,647	63,580	4.34	6,125	5,517	138,614	25.12
Total softwoods	7,679	12,313	44,773	3.64	2,730	4,919	115,310	23.44
Individual softwoods	7,174	8,713	37,990	4.36	2,602	4,397	103,446	23.53
Cedar, incense	34	20	38	1.90	5	1	11	10.10
western red	156	153	690	4.50	149	304	7,350	24.19
all other	53	6	85	13.72	22	3	100	39.90
Cypress	54	22	241	10.74	51	8	187	23.97
Douglas fir	1,241	4,343	15,085	3.47	657	2,395	58,354	24.36
Fir, balsam	51	11	44	4.04	16	7	250	33.65
white	141	127	220	1.73	91	63	1,589	25.35
Hemlock, eastern	257	67	301	4.51	204	55	1,404	25.71
western	187	647	1,122	1.74	146	582	12,655	21.76
Larch	111	56	83	1.50	75	22	333	14.83
Pine, Jack	76	27	139	5.19	34	3	81	24.92
Lodgepole	33	6	14	2.21	29	1	14	19.12
Norway	34	5	35	7.13	22	1	25	29.82
Ponderosa	560	1,341	5,779	4.31	198	333	6,130	18.42
Sugar	71	102	553	5.43	12	9	147	16.88
White, eastern	776	170	1,328	7.83	292	93	2,528	27.28
western	42	32	263	8.15	69	21	539	25.33
Yellow	3,042	1,063	10,315	9.70	312	188	3,772	20.09
Redwood	42	286	600	2.10	8	6	104	16.21
Spruce, eastern	109	35	223	6.41	75	7	208	29.52
Engelmann	30	7	15	2.26	22	6	81	14.17
Sitka	69	188	815	4.34	110	290	7,583	26.12
Other individual softwoods	5	(1)	1	4.30	3	(1)	1	22.61
Flat-rate softwoods	505	3,600	6,783	1.88	128	522	11,864	22.72
Total hardwoods	5,823	1,006	8,871	8.82	3,221	427	18,825	44.05
Individual hardwoods	4,574	553	5,365	9.70	2,911	343	16,497	48.03
Alder	14	1	2	1.75	19	5	141	28.05
Ash	144	5	63	11.64	175	4	162	38.87
Basswood	134	6	80	12.66	213	13	688	52.89
Beech	241	22	168	7.50	143	12	322	25.84
Birch	128	31	391	12.81	237	66	5,290	80.65
Cherry	40	2	20	10.43	42	1	27	39.03
Chestnut	35	2	7	4.51	16	2	51	22.30
Cottonwood	205	28	159	5.77	188	27	643	24.02
Elm	217	14	130	9.08	193	9	314	36.56
Hickory	119	4	34	8.97	52	3	87	31.41
Magnolia	6	1	10	7.43	9	2	60	29.02
Maple	474	95	952	10.00	416	59	3,123	52.64
Oak	2,027	256	2,431	9.49	644	48	1,468	30.68
Gum, black	23	2	17	7.81	24	5	154	28.81
red	249	47	421	9.05	150	45	1,697	37.30
tupelo	15	13	71	5.65	12	6	146	25.53
Sycamore	85	2	18	7.99	65	3	66	24.82
Walnut	80	4	194	47.73	84	8	845	104.86
Yellow poplar	318	17	190	11.08	175	23	1,161	50.55
Other individual hardwoods	20	1	6	7.91	54	3	49	19.63
Flat-rate hardwoods	1,249	453	3,506	7.74	310	84	2,328	27.76
Mixed hard and softwoods	1,889	1,327	9,936	7.49	174	171	4,478	26.24
Northeastern [2]	1,577	500	3,403	6.80	843	138	4,910	35.69
Middle Atlantic [3]	1,026	223	1,816	8.14	275	14	438	31.52
Lake [4]	1,242	447	3,517	7.87	1,154	257	11,445	44.54
Central [5]	2,868	444	3,771	8.49	1,102	89	3,559	40.13
South Atlantic [6]	2,046	617	5,843	9.47	321	89	2,748	30.81
South [7]	3,357	1,657	13,919	8.40	666	373	8,422	22.56
Prairie [8]	196	15	157	10.66	49	5	368	72.50
Pacific North [9]	1,950	7,340	25,407	3.46	1,238	4,318	103,052	23.86
Pacific South [10]	522	3,054	4,813	1.58	102	119	1,871	15.73
Rocky Mountain North [11]	399	289	742	2.57	311	109	1,704	15.70
Rocky Mountain South [12]	208	61	193	3.15	64	7	96	14.63

[1] Less than 500,000. [2] New York and New England.
[3] Delaware, Maryland, New Jersey, Pennsylvania. [4] Michigan, Minnesota, Wisconsin.
[5] Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, West Virginia.
[6] North Carolina, South Carolina, Virginia.
[7] Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Texas.
[8] Iowa, Kansas, Nebraska. [9] Oregon and Washington. [10] California and Nevada.
[11] Idaho and Montana.
[12] Arizona, Colorado, New Mexico, South Dakota, Utah, Wyoming.

Source: Department of Agriculture, Forest Service, annual report, Stumpage and Log Prices.

No. 806.—Lath and Shingles—Production, 1899 to 1944, and by States, 1941 to 1944

[Lath in thousands and shingles in squares. Shingles were reported in thousands prior to 1933 and were converted to squares on the basis of 800 shingles to the square. See headnote, table 801 for explanation of lack of comparableness of statistics. Data for shingles are reasonably comparable over a period of years, because of complete enumeration of Red Cedar Shingle Industry, this industry's production comprising over 90 percent of total shingle production.]

YEAR (CALENDAR)	Lath	Shingles	YEAR (CALENDAR)	Lath	Shingles
1899	2,523,998	15,127,521	1934	416,308	3,477,063
1909	3,703,195	18,634,214	1935	620,038	4,416,709
1919	1,724,078	11,490,880	1936	810,909	5,901,692
1926	3,083,130	7,510,432	1937	839,085	[1] 5,649,792
1927	2,372,333	8,054,835	1938	583,777	[1] 6,319,236
1928	1,903,887	7,004,612	1939	562,207	[1] 6,500,242
1929	1,705,858	7,638,340	1940	523,428	[1] 6,126,230
1930	1,097,255	4,955,138	1941	521,406	[1] 5,957,040
1931	614,250	3,392,465	1942	306,959	[1] 5,266,673
1932	406,089	2,639,125	1943	189,512	[1] 3,736,961
1933	408,192	3,662,250	1944 [2]	132,859	[1] 3,587,602

STATE	LATH				SHINGLES [1]			
	1941	1942	1943	1944	1941	1942	1943	1944
Alabama	1,422	6,075	1,663	----------	2,495	5,233	1,198	(3)
Arkansas	17,560	7,393	2,548	(3)	8,360	2,085	726	(3)
California	17,175	12,908	10,185	(3)	100,937	55,235	45,090	63,371
Florida	39,061	26,302	5,943	(3)	16,181	14,331	6,215	(3)
Georgia	4,027	----------	----------	(3)	3,182	14,862	2,763	(3)
Idaho	44,536	31,157	19,741	19,620	31,665	19,104	15,975	21,721
Louisiana	21,651	16,521	10,853	6,436	5,032	4,393	3,228	(3)
Maine	7,230	7,923	2,671	(3)	37,762	30,187	42,745	24,898
Michigan	5,719	5,166	2,759	(3)	14,461	17,923	12,928	(3)
Minnesota	7,171	4,937	1,818	(3)	607	2,630	714	(3)
Mississippi	13,720	7,131	4,715	(3)	141	348	115	----------
Montana	11,466	11,691	8,024	7,300	11,690	9,491	3,081	(3)
North Carolina	631	724	714	(3)	31,435	26,361	15,467	24,548
Oregon	139,945	57,281	43,439	39,918	815,785	795,198	656,329	636,425
South Carolina	442	996	264	----------	8,633	13,234	6,379	(3)
Texas	18,760	9,891	10,181	----------	6,329	8,486	5,065	(3)
Virginia	7,418	5,554	3,905	(3)	12,063	10,410	136	(3)
Washington	121,608	62,774	44,951	24,866	4,818,425	4,201,464	2,903,178	2,788,340
West Virginia	6,905	2,969	444	----------	----------	----------	188	----------
Wisconsin	17,424	12,715	9,864	[2] 9,302	23,294	24,135	9,504	(3)
All other	17,535	16,851	4,830	[2] 25,416	8,563	11,563	5,937	[2] 28,299

[1] Includes data for shakes.
[2] Data incomplete since mills idle during the war were not canvassed for 1944 production.
[3] Included in "All other."

Source: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Biennial Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry series.

No. 807.—Veneer and Plywood—Log Consumption and Production: 1943 and 1944

[Data not comparable with any previously published from the Biennial Censuses of Manufactures because of expanded coverage. Figures contain small proportion of estimates for nonreporting companies. For a detailed explanation, together with monthly figures, see Facts for Industry, Series 16-3 for hardwood veneer and plywood, and Series M13B for softwood plywood.]

LOG CONSUMPTION (M FT., LOG SCALE)			VENEER AND PLYWOOD PRODUCTION		
Kind of wood	1943	1944	Type of veneer and plywood	1943	1944
Softwood [1]	654,478	646,946	Hardwood veneer (M sq. ft., surface measure)	9,870,597	9,270,351
Hardwood, total	934,860	885,960	Aircraft and boat	1,627,145	629,708
Mahogany	26,252	23,004	Commercial	3,066,269	3,315,069
Sweet gum	261,534	240,962	Container	5,177,183	5,325,574
Black gum [2]	175,757	167,044	Hardwood plywood (M sq. ft., surface measure)	1,211,814	1,166,243
Birch	76,350	63,692	Aircraft and boat	141,868	50,472
Maple	60,418	58,183	Commercial	563,930	625,662
Yellow poplar	66,769	53,623	Container	506,016	490,109
Beech and elm	32,160	33,507	Softwood plywood (M sq. ft., 3/8" equivalent) [1]	1,495,168	1,484,889
Cottonwood and sycamore	49,727	55,462			
All other woods [3]	185,893	190,483			

[1] Principally Douglas fir.
[2] Includes tupelo and magnolia.
[3] Includes a small quantity of softwoods reported by hardwood veneer and plywood producers.

Source: Department of Commerce, Bureau of the Census. (See headnote.)

No. 808.—Cooperage Stock—Production, by Kind: 1909 to 1939

[Production of wooden hoops in 1923 was 153,954,000; in 1925, 149,167,000; in 1927, 134,596,000; in 1929, 133,054,000; in 1931, 94,311,000; in 1933, 61,161,000; in 1935, 51,818,000; in 1937, 68,152,000; and in 1939, 32,209,000, nearly all elm.]

YEAR AND KIND OF WOOD	STAVES (THOUSANDS)		HEADING (THOUSAND SETS)	
	Tight	Slack	Tight	Slack
1909	379,231	2,029,548	20,691	140,234
1919	353,825	1,121,324	24,274	87,381
1927	324,127	961,782	26,445	59,337
1929	357,353	1,039,450	30,329	72,591
1931	204,624	537,177	20,090	43,375
1933	154,575	426,585	13,031	37,461
1935	221,619	439,970	15,259	35,992
1937	205,286	574,768	13,377	54,318
1939	182,431	526,315	14,277	46,405
1939				
Douglas fir	19,573	26,018	1,445	1,639
Elm	(1)	35,977	(1)	7
Oak	90,451	(1)	5,337	(1)
Pine	46,637	199,337	3,412	34,776
Red gum	13,017	169,225	1,529	1,828
Spruce	2,977	38,140	1,341	5,275
Other	9,776	57,618	1,213	2,940

CLASS	1929	1935	1937	1939
Tight staves (thousands)	357,353	221,619	205,286	182,431
Whisky, spirit, and wine	16,202	60,887	65,629	48,724
Oil, tierce, and pork	185,801	83,503	76,915	60,274
Beer and ale	(1)	3,467	2,615	1,956
Other and not specified	155,260	73,762	60,127	71,477
Tight heading (thousand sets)	30,329	15,259	13,377	14,277
Whisky, spirit, and wine	1,381	4,371	2,910	1,991
Oil, tierce, and pork	21,195	4,865	4,241	4,520
Beer and ale	(1)	145	418	124
Other and not specified	7,753	5,878	5,808	7,642

[1] Not called for on schedule.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Biennial Census of Manufactures.

No. 809.—Pulpwood—Consumption by Mills and Mill Cost

[Data cover domestic and imported wood. The cost is f. o. b. pulp mill.]

Year	Quantity, all species (cords)	Cost: Total (1,000 dollars)	Cost: Average per cord	Year	Quantity, all species (cords)	Cost: Total (1,000 dollars)	Cost: Average per cord	Year	Quantity, all species (cords)	Cost: Total (1,000 dollars)	Cost: Average per cord
1899	1,986,310	9,838	$4.95	1927	6,750,935	95,452	$14.14	1938	9,193,991	74,433	$8.10
1909	4,001,607	34,478	8.62	1929	7,645,011	100,054	13.09	1939	10,816,466	84,539	7.82
1919	5,477,832	87,386	15.95	1931	6,722,766	73,524	10.94	1940	13,742,958	109,740	7.99
1921	4,557,179	91,589	20.10	1933	6,581,674	48,508	7.37	1943	15,644,500	(1)	(1)
1923	5,872,870	95,306	16.23	1935	7,628,274	58,244	7.64	1944	16,757,400	(1)	(1)
1925	6,093,821	94,340	15.48	1937	10,393,800	82,885	7.97	1945	16,911,861	(1)	(1)

Species of wood	Total consumption (cords): 1919	1929	1935	1937	1938	1939	1940
Total	5,477,832	7,645,011	7,628,274	10,393,800	9,193,991	10,816,466	13,742,958
Spruce:							
Domestic	2,313,419	2,074,267	1,755,112	2,010,720	1,447,457	1,567,643	2,045,519
Imported	873,795	1,029,913	625,462	826,528	832,295	906,806	963,195
Hemlock:							
Domestic	795,154	1,309,170	1,521,271	2,264,565	1,677,181	2,218,678	2,636,118
Imported		15,379		37,447	37,243		152,653
Yellow pine (southern)	234,463	1,036,272	1,785,228	2,658,949	3,261,404	3,834,644	5,013,478
Poplar:							
Domestic	180,160	329,466	333,773	441,401	324,868	354,125	489,866
Imported	158,220	157,829	54,283	90,365	95,758	123,148	108,809
Balsam fir:							
Domestic	181,840	317,552	298,812	320,715	321,984	283,506	388,577
Imported	106,974	45,412	54,313	71,447	65,392	74,705	83,609
Jack pine [2]	51,581	205,760	[3] 224,538	300,786	258,570	359,755	477,975
Beech, birch, and maple [3]	184,111	76,950	152,054	257,410	[2] 168,796	[2] 241,039	[2] 298,895
Tamarack (larch) [3]	44,042	51,835	9,587	8,945	9,937	8,450	11,324
Yellow poplar [3]	72,605	129,697	(4)	47,882	(4)	(4)	(4)
Gum [3]	30,355	39,685	29,299	[5] 25,967	47,967	[5] 47,370	(4)
White fir [3]	31,138	111,054	174,075	[2] 135,384	98,878	159,428	[2] 213,445
Other wood	44,894	153,485	317,675	329,898	315,101	318,155	584,560
Slabs and mill waste	175,081	561,285	292,792	565,391	231,160	319,014	274,935

[1] Data not available. [2] Domestic and imported. [3] Domestic only.
[4] Included with "Other wood." [5] Red gum only.

Source: Department of Commerce, Bureau of the Census; reports of the Biennial Census of Manufactures; alternating with Biennial Census reports, a series of reports for even-numbered years through 1940. See source, table 810 concerning later data.

No. 810.—Pulpwood—Consumption by Species: 1943, 1944, and 1945

[Cords of 128 cu. ft. (rough wood basis). Data cover domestic and imported wood. Comparable data for detail shown in table 809 not available.]

Species of wood	1943	1944	1945
Total	15,644,500	16,757,400	16,911,861
Softwoods, total	13,477,074	13,931,075	14,519,870
Spruce and fir	3,633,239	3,290,466	(1)
Hemlock	2,081,609	2,246,833	
Pine	7,343,615	7,994,650	
Western fir	243,891	200,643	
Western spruce	174,720	138,483	
Hardwoods, total	1,287,983	1,550,117	2,391,991
Aspen	687,486	661,710	(1)
Yellow poplar	149,724	284,882	
Gum	66,617	160,166	
Chestnut	384,156	434,982	
Birch	----------	8,377	
Other woods [2]	641,838	988,873	----------
Saw mill waste	237,605	287,335	----------

[1] Data by species not available.
[2] Includes hardwoods and softwoods not classified by species.

Source: Data for 1943, 1944 and the first eight months of 1945 collected and compiled by the War Production Board. Data for last 4 months compiled by Dept. of Commerce, Bureau of the Census. 1945 data appear in annual report, Census of Pulp Mills and of Paper and Paperboard Mills, 1945—Facts for Industry series.

No. 811.—Wood Pulp and Paper and Paperboard—Production: 1899 to 1945

[Tons of 2,000 pounds]

YEAR	Wood pulp [1] (*old basis*)	Paper and paperboard (*old basis*)	YEAR	Wood pulp [1] (*old basis*)	Paper and paperboard (*old basis*)	Wood pulp [1] (*new basis*) [2]	Paper and paperboard (*new basis*) [3]
1899	1,179,525	2,167,503	1934	4,436,128	9,186,598		
1909	2,495,523	4,216,708	1935	4,925,669	10,479,095		
1914	2,893,150	5,270,047	1936	5,695,219	11,975,552		
1919	3,517,952	6,098,530	1937	6,572,918	12,837,003		
1921	2,875,601	5,431,265	1938	5,933,560	11,380,814		
1923	3,788,672	8,029,482	1939	6,993,334	13,509,642		
1925	3,962,217	9,182,204	1940	8,851,740	14,483,709	8,959,559	
1927	4,313,403	10,002,070	1941	10,046,193	17,093,092	10,375,422	[4] 17,933,607
1929	4,862,885	11,140,235	1942	10,364,175	16,477,663	10,783,430	[4] 17,083,862
1931	4,409,334	9,381,840	1943	9,175,013	16,501,597	9,680,462	17,035,688
1932	3,760,267	7,997,872	1944	9,550,150	16,866,831	10,108,443	17,182,804
1933	4,276,204	9,190,017	1945			10,167,200	17,370,965

[1] Beginning 1914 includes screenings.
[2] Includes data for existing mills not classified as producers of pulp before 1940. In that year data for 6 mills not previously classified as producers of wood pulp were included for first time. For the same reason, an additional mill was included in 1941, and 2 more added in 1943.
[3] Includes data for 25 existing mills not previously classified as producers of paper and paperboard.
[4] Includes estimated production of insulating board for 1 mill. Estimates were made on assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures; Census of Forest Products, 1940; and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, 1941 to 1945.

No. 812.—Wood Pulp—Production, by States and by Process: 1909 to 1945

[Tons of 2,000 pounds]

STATE AND PROCESS	1909	1919	1929	1939	1941 [1]	1943 [1]	1944 [1]	1945 [1]
Total	2,495,523	3,517,952	4,862,885	6,993,334	10,375,422	9,680,462	10,108,443	10,167,200
Alabama	(2)	(2)	(2)	(2)	346,100	[3] 393,776	[3] 430,663	[3] 456,877
Florida	(2)	(2)	(2)	440,162	648,613	625,690	655,148	689,364
Louisiana		(2)	246,590	589,672	973,190	866,953	920,318	949,221
Maine	620,705	916,764	981,433	941,273	1,185,337	1,103,770	1,043,209	1,097,939
Michigan	64,369	106,194	178,015	200,325	231,922	195,048	206,754	201,811
Minnesota	37,295	129,560	189,664	160,665	327,044	339,967	338,501	337,332
Mississippi	(2)	(2)	(2)	(2)	293,473	437,951	453,114	477,199
New Jersey	(2)	(2)	(2)	(2)	20,820	31,701	46,158	52,304
New Hampshire	212,599	232,134	212,774	(2)	(2)	191,551	179,129	182,964
New York	679,534	811,958	662,988	460,652	603,942	509,762	497,252	497,314
North Carolina	(2)	(2)	(2)	179,636	377,193	[4] 858,526	[4] 917,112	[4] 880,219
Pennsylvania	135,525	215,686	213,083	193,958	258,813	250,534	267,969	262,498
Vermont	(2)	(2)	(2)	(2)	22,735	15,694	20,508	17,653
Virginia	48,641	(2)	206,050	402,929	566,946	[5] 610,085	[5] 657,312	[5] 612,085
Washington	(2)	83,575	523,948	1,126,114	1,609,917	1,153,177	1,256,374	1,265,436
Wisconsin	324,509	506,549	733,617	655,816	850,689	835,076	857,986	875,408
Other States	372,346	515,532	714,723	1,633,132	2,058,688	1,261,201	1,351,941	1,311,576
All processes:								
Groundwood	1,179,266	1,518,829	1,637,653	1,444,875	1,787,712	1,556,810	1,638,761	1,696,184
Defibrated, exploded, asplund fiber and similar grades [6]					364,775	627,249	662,668	690,675
Sulphite	1,017,631	1,419,829	1,681,511	1,946,452	2,918,780	2,436,502	2,386,149	2,359,731
Sulphate		120,378	918,084	2,962,657	4,526,611	4,235,724	4,548,810	4,471,875
Soda	298,626	411,693	520,729	441,565	479,935	418,868	412,755	429,757
Semi-chemical, off quality, screenings and miscellaneous		47,223	104,908	197,785	297,609	405,309	459,300	518,978

[1] New basis, see note 2, table 811.
[2] Included in "Other States" to avoid disclosing data for individual establishments.
[3] Includes Tennessee. [4] Includes South Carolina. [5] Includes Maryland.
[6] These processes represent recent developments; production prior to 1941 was only a small proportion of the total.

Source: Department of Commerce Bureau of the Census; reports of Biennial Census of Manufactures; Census of Forest Products, 1940; 1941 and 1943 production by process, from Pulp and Paper Series—Special Report D; and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, 1941 to 1945.

No. 813.—Paper and Paperboard—Production, by Type and by Major Uses: 1941 to 1945

[In thousands of short tons (2,000 pounds)]

TYPE AND MAJOR USES	1941	1942	1943	1944	1945
All types	17,933	17,084	17,036	17,183	17,371
Printing and fine papers, total	4,663	4,337	4,010	3,724	3,863
Newsprint	1,044	967	811	721	725
Groundwood printing and specialty paper, total	642	610	586	593	636
Hanging	132	107	66	81	89
Printing	203	218	238	226	257
Other groundwood papers	308	285	282	286	290
Bookpaper, total	2,026	1,704	1,593	1,436	1,493
General printing	1,377	1,216	1,150	1,034	1,111
Converting	643	481	437	400	380
Other bookpaper	6	7	7	2	2
Fine papers, total	950	1,055	1,021	974	1,009
Writing paper, total	738	770	744	727	756
Rag content	109	123	117	129	135
Chemical wood pulp	629	647	628	598	620
Reproduction	(1)	62	64	50	43
Cover	37	36	38	45	45
Text	25	10	10	8	14
Bristols (except bogus)	100	109	99	84	88
Thin	50	59	54	58	60
Other fine paper	----------	9	11	3	3
Coarse and industrial papers, total [2]	2,841	2,778	2,558	2,650	2,730
Coarse wrapping, bag, and converting papers, total	2,605	2,526	2,262	2,314	2,403
Wrapping papers, total	1,048	1,048	832	789	854
Bag paper	720	661	518	375	365
Converting papers	568	566	597	758	760
Multi-wall and shipping sack paper	270	251	315	392	424
Special industrial paper and paperboard [2]	173	188	208	245	238
Absorbent paper	62	65	88	90	89
All other paper, total	942	998	969	965	981
Sanitary paper, total	738	811	806	808	824
Toweling stock	195	191	190	193	205
Toilet tissue stock	333	415	415	414	416
Napkin stock	86	78	76	74	76
Facial tissue stock	85	89	84	80	80
Other sanitary papers	39	39	41	48	47
Tissue paper	175	171	163	158	157
Paper not elsewhere classified	29	16	(3)	----------	----------
Construction material, total	1,850	2,053	1,941	1,969	2,006
Building paper, total	918	1,001	878	881	883
Felts	767	842	722	758	765
Asbestos and asbestos filled	99	95	103	85	78
Other building papers	52	64	53	39	40
Building board	[4] 932	[4] 1,052	1,064	1,087	1,123
Paperboard for packaging, total	7,265	6,464	6,964	7,095	7,122
Container board	4,184	3,755	4,088	4,228	4,131
Folding boxboard	1,842	1,712	2,047	2,116	2,270
Set-up boxboard	[5] 1,239	997	829	750	721
Miscellaneous paperboard, total	374	453	592	780	669
Cardboard	80	54	64	70	71
All other paperboard	294	399	529	711	599

Reported in bookpaper and paper not elsewhere classified.

1944 figures include production of special industrial boards; figures for other years represent production of special industrial paper, only.

[3] Less than 500 tons.

[4] Includes estimated production of insulating board for 1 mill. Estimates were made on the assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943.

[5] Includes tube stock, classified as all other paperboard in subsequent years.

Source: Department of Commerce, Bureau of the Census; annual report, Census of Pulp Mills and of Paper and Paperboard Mills.

No. 814.—Turpentine and Rosin—Production, 1899 to 1945, and by States, 1941 to 1945

Year [1]	Turpentine (gallons)			Rosin (drums 520 lbs. net)		
	Total	From gum [2]	From wood [3]	Total	From gum [2]	From wood [3]
1899	37,733,500	37,733,500	(4)	1,947,946	1,947,946	(4)
1904	31,129,236	30,687,051	442,185	1,571,739	1,571,739	(4)
1909	[5] 29,714,132	28,988,954	706,868	1,462,208	1,462,208	(4)
1914	[5] 27,648,939	26,980,981	575,557	[5] 1,319,328	1,292,514	23,218
1919	19,22,8174	17,693,841	1,534,333	1,015,774	910,928	104,846
1929–30	35,940,124	31,320,871	4,619,253	1,963,349	1,580,505	382,844
1932–33	28,756,550	[6] 25,050,000	[7] 3,706,550	1,658,664	[6] 1,362,720	295,944
1933–34	31,238,050	[6] 26,300,000	[7] 4,938,050	1,837,870	[6] 1,430,448	407,422
1934–35	30,154,650	[6] 25,500,000	[7] 4,654,650	1,783,298	[6] 1,387,200	396,098
1935–36	30,145,400	24,850,000	5,295,400	1,821,193	[8] 1,360,950	460,243
1936–37	31,726,000	24,139,350	7,586,650	1,865,569	[8] 1,286,347	579,222
1937–38	35,016,550	25,922,700	9,093,850	2,049,573	[8] 1,388,343	661,230
1938–39	35,460,900	26,714,550	8,746,350	2,089,913	[8] 1,466,344	623,569
1939–40	30,238,900	19,139,050	11,099,850	1,835,177	[8] 1,054,236	780,941
1940–41	28,317,050	17,196,900	11,120,150	1,717,492	[8] 938,911	778,581
1941–42	27,439,800	14,252,500	13,187,300	1,708,474	[8] 791,710	916,764
1942–43	28,017,550	16,096,500	11,921,050	1,655,803	[8] 868,698	787,105
1943–44	25,421,600	14,419,100	11,002,500	1,462,831	[8] 783,565	679,266
1944–45	23,562,150	12,259,700	11,302,450	1,317,912	[8] 692,212	625,700

State	Production from crude gum [1]							
	Turpentine (gallons)				Rosin (drums 520 lbs. net) [9]			
	1941–42	1942–43	1943–44	1944–45	1941–42	1942–43	1943–44	1944–45
Alabama	884,850	1,000,700	829,500	698,650	47,938	53,245	44,490	38,997
Florida	3,366,100	3,450,900	3,272,250	2,881,200	182,334	183,827	175,639	160,774
Georgia	9,476,600	11,169,650	9,931,850	8,376,900	513,266	595,037	532,953	467,477
Mississippi	265,450	226,000	176,400	160,400	14,358	2,658	9,439	8,962
Louisiana, Texas	79,450	50,800	46,000	33,350	4,323	10,632	2,476	1,847
North Carolina, South Carolina	180,050	198,450	163,100	109,200	9,726	10,632	8,745	6,089

[1] Figures for turpentine and rosin from crude gum, beginning 1929–30, and from wood beginning 1933–34, relate to crop year ended Mar. 31. All other figures relate to calendar years.
[2] Figures compiled from data reported by establishments in Turpentine and Rosin industry.
[3] Figures compiled from data reported by establishments in Wood-Distillation industry.
[4] Not reported.
[5] Includes, for 1909 and 1914, 18,310 gallons and 92,401 gallons, respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.
[6] Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932–33, 26,720 drums; 1933–34, 28,048; 1934–35, 27,200.
[7] Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.
[8] Includes data for rosin produced from reclaimed gum: For 1935–36, 43,350 drums; 1936–37, 34,155; 1937–38, 21,017; 1938–39, 31,983; 1939–40, 31,414; 1940–41, 20,181; 1941–42, 19,765; 1942–43, 11,297; 1943–44, 9,824; 1944–45, 8,066.
[9] Figures do not include data for rosin produced from reclaimed gum. See note 8.
Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures. Figures for 1933 and subsequent years, Department of Agriculture, Bureau of Agricultural and Industrial Chemistry; Naval Stores Report on Turpentine and Rosin.

28. Fisheries

GENERAL NOTE

The Fish and Wildlife Service, Division of Commercial Fisheries in the Department of the Interior, conducts annual surveys for various statistical information on the fishery industries. These data are published in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, there are included in reports data on imports and exports of fishery commodities; landings by fishing vessels at Boston, Gloucester, and New Bedford, Massachusetts; Portland, Maine; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products. These data are summarized in the Statistical Abstract. The more detailed information may be obtained from the Fish and Wildlife Service, Washington 25, D. C.

No. 815.—Fisheries of the United States and Alaska—Catch, by Sections

Section	Year	Fishermen	Fishing vessels	Fishing boats	Catch	
					Quantity	Value to fishermen
		Number	*Number*	*Number*	*1,000 dollars*	*1,000 dollars*
New England States	1942	15,044	658	6,726	705,962	36,293.6
Middle Atlantic States	1942	6,547	366	3,699	319,193	12,468.2
Chesapeake Bay States	1942	10,679	291	6,942	202,240	10,061.0
South Atlantic and Gulf States	1940	27,941	1,145	15,049	575,533	14,644.9
Pacific Coast States	1943	23,108	1,594	6,896	1,453,263	57,323.0
Great Lakes States	1943	[1] 5,142	[1] 499	[1] 1,785	78,221	12,267.6
Mississippi River States	1931	15,884	----------	14,546	82,383	2,897.3
Alaska	1944	24,665	1,056	3,609	561,199	20,413.5

[1] Data for 1940.

No. 816.—Fisheries of the United States and Alaska—Summary of Total Catch and Value: 1930 to 1945

Year	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)	Year	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)
1930	3,286,580	109,349	1940	4,059,524	98,957
1931	2,657,317	77,344	1941 [1]	5,080,341	134,172
1932	2,634,704	55,532	1942 [1]	3,876,524	170,338
1937	4,352,549	100,845	1943 [1]	4,202,281	204,029
1938	4,253,445	93,547	1944 [1]	4,504,522	207,292
1939	4,443,328	96,532	1945 [1]	4,425,343	230,941

[1] Partly estimated.

Source of tables 815 and 816: Department of the Interior, Fish and Wildlife Service, annual bulletins.

No. 817.—Fishery Products—Quantity and Value, by Sections and States: 1880 to 1943

[Values represent the value of the fish to the fishermen]

NEW ENGLAND STATES

CALENDAR YEAR	Total		Maine		New Hampshire	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	----------	12,503.0	----------	2,742.6	----------	170.6
1902	534,075	12,406.3	242,390	2,918.8	1,593	50.0
1908	530,029	15,139.0	173,843	3,257.0	677	53.0
1919	467,340	19,838.7	147,956	3,889.0	529	92.7
1929	694,286	29,072.5	162,939	4,897.2	378	52.1
1930	701,351	27,493.5	143,824	4,329.4	1,069	69.1
1935	655,430	17,983.6	112,219	3,309.2	354	61.6
1938	631,520	18,275.2	67,207	2,520.9	796	109.1
1939	663,866	19,508.6	116,167	2,694.7	877	106.1
1940	626,054	20,493.7	88,088	2,606.4	788	105.2
1942[1]	705,962	36,293.6	168,392	5,229	2,529	332

CALENDAR YEAR	Massachusetts		Rhode Island		Connecticut	
1880	----------	7,959.8	----------	696.8	----------	933.2
1902	230,646	6,482.4	21,614	1,155.7	37,832	1,799.4
1908	244,313	7,095.0	44,254	1,752.0	66,942	2,982.0
1919	246,951	10,859.7	48,251	3,296.6	23,653	1,700.6
1929	447,689	18,052.5	28,401	2,435.3	54,879	3,635.4
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1935	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0
1938	537,851	13,169.4	13,829	1,055.6	11,839	1,420.2
1939	521,097	14,242.5	11,857	1,002.5	13,868	1,462.9
1940	510,938	15,755.8	12,060	966.2	14,180	1,060.2
1942[1]	509,099	28,378	12,889	1,367	13,053	988

MIDDLE ATLANTIC STATES

CALENDAR YEAR	Total		New York		New Jersey		Pennsylvania		Delaware	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	408,202	8,677.0	329,453	4,225.7	65,151	3,176.6	1,680	277.0	11,918	997.7
1901	357,888	9,104.7	228,092	3,894.3	117,931	4,755.5	6,030	251.5	5,835	203.4
1908	221,450	8,280.0	71,474	4,390.0	74,827	3,069.0	4,380	280.0	70,769	541.0
1921	332,932	11,667.4	210,377	4,986.9	96,937	5,983.4	595	44.6	25,023	652.4
1930	193,868	13,063.7	45,495	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1935	279,438	6,415.7	84,939	3,135.4	107,802	2,844.3	31	5.7	86,666	430.4
1938	216,859	8,249.2	91,217	5,192.8	108,095	2,908.3	40	4.3	17,507	143.9
1939	280,053	7,387.2	93,803	4,269.0	125,345	2,698.8	15	2.2	60,890	417.2
1940	355,553	7,051.0	91,959	4,216.2	160,554	2,956.9	23	2.4	103,017	475.4
1942[1]	319,193	12,468.2	84,396	6,613.1	145,120	5,080.9	26	1.8	89,651	772.4

CHESAPEAKE BAY STATES

CALENDAR YEAR	Total		Maryland		Virginia	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	254,587	8,346.2	95,713	5,221.7	158,875	3,124.4
1901	461,159	8,380.8	82,975	3,767.5	378,183	4,613.4
1908	426,311	8,022.0	113,796	3,306.0	312,515	4,716.0
1920	530,750	12,740.4	59,531	4,198.7	471,219	8,541.7
1930	316,393	11,472.0	71,099	3,984.7	245,294	7,487.3
1935	266,827	5,524.5	48,235	2,003.6	217,592	3,520.9
1938	294,594	6,663.0	57,263	2,259.8	237,331	4,403.2
1939	323,653	7,196.8	61,381	2,592.7	262,272	4,604.0
1940	320,736	7,456.4	51,085	2,598.6	269,651	4,857.9
1941	328,155	9,120.8	47,475	3,378.7	280,680	5,742.1
1942[1]	202,240	10,061.0	46,787	4,089.2	155,454	5,971.6

SOUTH ATLANTIC STATES

CALENDAR YEAR	Total		North Carolina		South Carolina		Georgia		Florida (east coast only)	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	42,952	1,256.6	32,249	845.7	6,143	212.5	2,272	120.0	2,287	78.4
1902	106,446	2,839.6	67,585	1,739.7	8,174	263.0	11,103	359.1	19,584	477.9
1908	166,875	4,034.0	101,422	1,776.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1918	332,614	5,348.6	210,502	2,978.7	3,747	207.7	37,154	416.0	81,211	1,746.2
1928	262,118	6,196.2	141,899	2,629.2	7,432	316.8	42,069	866.3	70,718	2,383.9
1930	275,807	4,270.0	168,938	1,836.4	5,106	252.9	34,873	536.3	66,890	1,644.4
1934	261,080	3,624.1	163,462	1,672.2	5,891	225.3	27,141	359.5	64,586	1,367.1
1938	414,307	4,316.7	198,765	1,950.1	7,911	274.0	19,836	380.9	187,795	1,711.7
1939	388,102	4,035.0	224,457	1,890.4	9,585	282.2	16,619	412.1	137,441	1,450.3
1940[1]	325,515	4,064.1	170,581	1,864.6	9,446	265.8	12,672	380.6	132,816	1,553.1

[1] Later data not available.

No. 817.—Fishery Products—Quantity and Value, by Sections and States: 1880 to 1943—Continued

GULF STATES

CALENDAR YEAR	Total		Florida (west coast only)		Alabama	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	23,561	1,227.5	8,376	564.8	3,542	119.3
1902	113,697	3,494.2	48,120	1,462.2	9,351	266.7
1908	118,274	4,860.0	37,566	2,120.0	10,665	387.0
1918	130,924	6,510.3	54,754	3,420.4	5,609	230.6
1928	191,007	9,866.3	61,121	3,866.5	14,466	586.8
1930	141,953	6,794.9	53,525	3,001.4	7,113	315.5
1934	186,834	6,369.6	54,215	2,267.6	7,964	253.4
1938	207,551	8,756.7	53,647	3,276.4	10,917	449.6
1939	239,815	9,869.5	60,820	3,648.6	9,120	394.3
1940[1]	250,018	10,580.8	54,676	3,451.6	11,344	561.9

CALENDAR YEAR	Mississippi		Louisiana		Texas	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	788	22.5	6,996	392.6	3,859	128.3
1902	23,427	553.2	24,754	858.3	8,044	353.8
1908	17,302	459.0	42,302	1,448.0	10,439	446.0
1918	20,592	762.8	24,954	1,419.4	25,015	677.2
1928	30,701	1,060.1	69,507	3,477.9	15,212	875.0
1930	15,736	740.1	49,886	1,960.4	15,693	777.5
1934	22,153	652.3	76,633	2,284.6	25,869	911.7
1938	14,260	603.0	103,883	3,391.5	24,844	1,036.2
1939	24,726	661.0	127,725	4,341.8	17,425	823.8
1940[1]	38,002	623.1	126,627	4,951.5	19,369	992.7

PACIFIC COAST STATES AND ALASKA

CALENDAR YEAR	Pacific Coast States: Total		Washington		Oregon		California		Alaska	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1888	87,043	4,010.0	20,468	811.0	26,048	734.0	40,527	2,465.0	----------	----------
1899	206,911	6,278.6	119,340	2,871.4	22,752	855.7	64,819	2,551.5	----------	----------
1908	193,056	6,839.0	111,356	3,513.0	28,221	1,356.0	53,479	1,970.0	----------	----------
1915	304,796	9,306.0	170,594	5,321.0	34,693	1,479.0	99,509	2,506.0	----------	----------
1925	627,025	24,580.5	139,457	9,476.4	40,008	3,442.4	447,560	11,661.7	616,136	9,860.7
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0	620,702	12,755.6
1935	1,676,236	23,088.8	124,086	6,328.7	85,392	2,076.8	1,466,758	14,683.3	648,710	9,093.2
1938	1,525,885	26,086.3	159,631	6,632.2	71,728	2,399.6	1,294,526	17,054.5	798,823	12,219.7
1939	1,713,826	27,417.2	155,812	6,403.5	83,513	2,458.8	1,474,501	18,554.9	666,397	11,458.1
1940	1,456,281	29,578.0	111,632	6,676.3	54,203	2,741.8	1,290,446	20,159.9	563,688	10,612.1
1941	1,813,356	40,361.7	197,253	12,622.4	91,725	5,349.9	1,524,378	22,389.4	736,269	15,039.3
1942	1,374,688	49,244.1	138,162	16,042.1	65,326	7,191.2	1,171,200	26,010.8	522,179	17,934
1943	1,453,263	57,323	155,310	17,859	70,289	7,781	1,227,664	31,683	576,804	18,595

GREAT LAKES[2]

CALENDAR YEAR	Total[3]		Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1885	99,842	2,691.9	8,826	291.5	23,518	878.8	11,457	276.4	51,457	1,109.1
1899	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1908	106,631	3,768.0	10,198	342.0	40,019	1,554.0	12,932	486.0	41,922	1,280.0
1917	104,269	6,295.0	15,447	726.7	35,461	2,270.9	13,363	857.5	38,710	2,327.3
1927	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	23,796	1,831.3
1930	94,948	6,050.3	14,694	695.3	30,973	2,159.0	16,377	1,319.9	29,540	1,655.5
1935	90,223	5,944.9	17,874	940.6	25,089	1,942.6	13,676	1,224.1	30,357	1,643.6
1938	81,525	6,083.2	14,856	875.0	24,379	2,294.0	12,039	759.8	27,619	1,981.2
1939	85,235	6,762.4	16,783	921.7	23,027	2,570.2	13,353	866.0	28,663	2,216.3
1940	79,296	5,623.4	20,672	904.4	22,814	2,049.5	9,099	679.9	22,944	1,772.0
1941	78,065	6,470.3	22,111	1,309.7	22,918	2,374.3	8,727	681.1	22,063	1,882.5
1942	75,246	8,629.5	19,228	1,498	21,404	3,204	8,465	1,011	24,131	2,741
1943	78,221	12,268	18,372	2,215	22,174	4,598	8,610	1,075	27,114	4,134

[1] Later data not available.
[2] Collected for the most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.
[3] Includes, in addition to the lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

No. 817.—Fishery Products—Quantity and Value, by Sections and States: 1880 to 1943—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

YEAR	Total		TRIBUTARY	1922		1931	
	1,000 pounds	*1,000 dollars*		*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1894	44,545	1,384.6	Arkansas	2,034	136.3	[4] 777	[4] 40.9
1899 [3]	96,797	1,781.0	Atchafalaya	4,579	254.7	9,231	523.1
1903 [3]	93,374	1,841.2	Cumberland	728	14.7	106	13.0
1908 [3]	148,284	3,125.0	Illinois [5]	12,661	617.3	5,985	159.7
1922	105,734	4,503.5	Missouri [5]	1,232	105.2	1,051	94.3
1931	82,383	2,897.3	Ohio River and minor tributaries	7,458	379.1	1,221	96.5
	Mississippi and minor tributaries		Red [5]	6,677	324.5	6,417	277.4
			St. Francis [5]	3,684	108.9	2,173	65.6
			Tennessee [5]	4,990	98.3	5,222	75.0
			Wabash [5]	12,063	357.8	8,388	152.0
1894	21,242	587.8	White (Missouri and Arkansas) [5]	14,662	405.9	12,363	256.7
1899	68,604	823.0	Yazoo	1,022	55.6	[4] 1,311	[4] 57.8
1903	53,851	1,157.4					
1922	33,945	1,645.3					
1931	28,139	1,076.3					

[3] Figures do not include data for Atchafalya River.
[4] Includes data for tributaries. [5] Including tributaries.

No. 818.—Fisheries of the United States and Alaska—Catch of Principal Species: 1931 to 1945

[In thousands of pounds]

GROUP AND SPECIES	1931	1937	1939	1940	1941	1942	1943	1944	1945
FISH									
Cod	112,303	154,282	124,347	97,753	(1)	73,456	(1)	(1)	(1)
Haddock	182,561	171,769	170,975	148,948	177,659	145,687	125,795	142,692	151,927
Herring, sea	169,574	261,651	262,810	141,202	(1)	145,779	(1)	(1)	(1)
Mackerel	61,645	87,537	113,503	161,135	(1)	103,628	(1)	(1)	(1)
Menhaden	230,398	482,137	575,480	638,761	775,087	474,821	616,439	685,182	740,000
Pilchard or sardine	300,204	1,139,505	1,240,975	913,944	1,328,378	974,680	986,563	1,135,582	831,990
Salmon	601,095	689,074	526,978	500,560	629,480	508,606	500,613	430,997	421,000
Tuna and tunalike	60,059	163,671	182,165	211,328	135,720	121,791	130,043	170,053	182,663
Rosefish	237	58,357	78,206	85,270	(1)	128,107	(1)	(1)	(1)
SHELLFISH									
Crabs	83,701	95,819	109,414	97,848	(1)	(1)	(1)	(1)	(1)
Shrimp	99,432	143,448	150,250	152,663	(1)	(1)	(1)	(1)	(1)
Oysters	101,036	95,627	93,006	89,384	(1)	(1)	(1)	(1)	(1)
Whale products	----------	10,174	5,159	800	495	806	496	99	--------

[1] Complete data not available.

No. 819.—Fisheries of the United States and Alaska—Disposition of Domestic Catch: 1941 to 1944

[A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in the production of fish meal and oil in addition to the whole fish used in the manufacture of these products. In 1941 about 775,000,000 pounds of waste was used in the production of meal and oil. In the following three years about 600,000,000 pounds of waste was used for this purpose each year.]

FORM MARKETED	ROUND WEIGHT OF CATCH (thousands of pounds)			
	1941	1942	1943	1944
Total	5,080,000	3,877,000	4,202,000	4,504,000
Fresh and frozen	1,660,000	1,407,000	1,547,000	1,589,000
Canned	1,645,000	1,230,000	1,150,000	1,225,000
Cured	125,000	115,000	105,000	110,000
Byproducts, bait, etc	1,650,000	1,125,000	1,400,000	1,580,000

Source of tables 817, 818, and 819: Department of the Interior, Fish and Wildlife Service, annual bulletins.

No. 820.—Landings by Fishing Craft at Principal Atlantic Ports: 1942 to 1945

Port and year	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Whiting	Mackerel	Rosefish	Flounders	Miscellaneous
	Quantity (thousands of pounds)										
Boston:											
1942	194,687	35,410	100,199	1,730	10,613	1,866	11,400	14,130	9,949	7,338	2,052
1943	142,975	28,760	74,845	1,676	6,131	1,164	7,672	9,781	5,087	5,896	1,963
1944	153,123	43,108	73,692	1,669	6,983	877	5,295	14,274	2,033	4,163	1,029
1945	188,161	72,895	66,354	1,123	10,300	281	9,958	17,725	1,377	6,908	1,240
Gloucester:											
1942	157,741	6,353	7,830	1,479	13,883	548	15,611	14,257	91,285	6,139	356
1943	170,099	11,428	14,939	2,254	9,928	503	13,431	26,919	83,992	4,211	2,494
1944	192,710	19,965	16,156	5,193	10,141	680	9,850	33,545	91,582	4,216	1,382
1945	213,498	25,797	21,786	11,544	15,792	773	16,830	11,890	102,038	4,830	2,218
New Bedford:											
1942	57,884	2,956	4,787	56	83	1	17	3,346	5	40,874	5,759
1943	62,164	5,816	7,926	860	136	1	97	6,330	-------	33,614	7,384
1944	74,936	8,211	22,466	2,174	223	(1)	135	6,196	7	27,580	7,944
1945	101,363	10,768	34,427	5,913	1,131	2	101	12,076	15	28,799	8,131
Portland, Maine:											
1942	20,540	1,497	1,770	514	898	98	1,098	117	13,913	423	212
1943	18,289	2,232	409	893	1,316	70	596	11	12,253	418	91
1944	17,972	2,079	413	1,164	1,584	86	1,255	167	10,478	432	314
1945	21,956	2,445	493	1,766	1,809	158	2,681	490	11,231	390	493
New York City:											
1942	26,945	2,118	7,136	224	94	(1)	673	471	17	10,443	5,769
1943	22,121	1,870	8,007	320	100	1	1,073	759	7	5,895	4,089
1944	19,143	1,505	7,467	173	94	-------	226	365	-------	3,567	5,746
1945	16,596	1,006	7,788	232	142	-------	227	91	-------	3,517	3,593
	Value (thousands of dollars)										
Boston:											
1942	12,548.7	2,100.1	6,910.3	135.3	644.2	119.0	584.8	870.1	359.7	484.2	341.0
1943	12,603.6	2,595.4	7,004.3	139.2	507.9	91.3	342.6	762.9	249.4	482.8	427.8
1944	10,685.4	2,983.9	5,634.5	112.7	381.1	56.6	215.4	799.7	84.0	296.6	120.9
1945	13,789.6	5,198.8	5,224.7	81.0	622.6	19.0	449.4	1,563.5	55.4	430.3	144.9
Gloucester:											
1942	6,083.9	423.0	486.6	69.0	757.9	22.6	635.4	683.0	2,740.3	252.8	13.3
1943	9,046.5	990.8	1,300.9	153.3	551.7	33.6	562.5	1,616.9	3,399.0	298.3	139.5
1944	9,260.5	1,362.6	1,315.1	256.4	507.8	41.0	388.7	1,483.3	3,560.8	279.1	165.7
1945	11,183.9	1,813.3	1,744.5	401.8	832.8	46.5	742.5	925.2	3,956.8	311.5	409.0
New Bedford:											
1942	4,552.8	212.7	352.1	1.6	5.0	(1)	.5	177.9	(1)	1,994.5	1,808.5
1943	5,979.9	452.6	628.9	32.1	8.8	(1)	3.5	566.8	-------	2,506.3	1,780.9
1944	6,281.1	576.7	1,682.4	53.2	11.3	(1)	4.9	313.1	(1)	2,026.4	1,613.1
1945	8,600.8	775.5	2,654.6	122.3	72.1	(1)	3.7	1,032.8	.6	2,302.0	1,637.2
ortland, Maine:											
1942	679.9	87.9	98.9	24.7	36.3	6.1	30.7	8.8	366.5	14.9	5.1
1943	870.0	189.6	40.1	62.0	67.3	5.0	21.9	1.1	450.9	26.8	5.3
1944	793.0	139.8	31.4	76.5	73.9	5.1	30.3	8.0	378.3	25.8	23.9
1945	1,035.3	174.2	38.6	129.3	89.4	8.9	52.8	30.4	419.0	24.5	68.2

[1] Less than 500 pounds or $500.

Source: Department of Interior, Fish and Wildlife Service, annual bulletins.

No. 821.—Canned Fishery Products, Fish Meal, and Fish Oil—Production and Value: 1937 to 1944

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 pounds	*1,000 dollars*	*Tons*	*1,000 dollars*	*1,000 gallons*	*1,000 dollars*	*1,000 dollars*
1937	717, 270	105, 175	219, 942	7, 566	31, 391	12, 695	2, 204
1938	649, 413	83, 446	205, 216	7, 418	30, 445	9, 876	2, 476
1939	688, 277	96, 628	226, 102	9, 094	29, 069	8, 601	4, 472
1940	681, 194	94, 182	193, 244	7, 834	18, 250	5, 632	5, 088
1941	885, 962	138, 684	236, 844	13, 096	22, 016	11, 893	14, 872
1942	660, 334	144, 997	171, 080	11, 626	19, 549	12, 518	10, 372
1943	620, 880	141, 189	190, 403	13, 629	22, 264	14, 971	14, 842
1944	658, 660	152, 914	212, 000	15, 200	27, 100	17, 600	13, 300

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 822.—Canned Fishery Products in the United States and Alaska—Production and Value: 1933 to 1945

YEAR	Total	Salmon	Sardines		Tuna and tunalike fishes	Mackerel	Shrimp	Clam products	Oysters	Other
			Maine	Calif.						
	Quantity (thousands of pounds)									
1933	518, 996	305, 398	19, 912	69, 275	31, 976	33, 686	24, 201	10, 239	5, 222	19, 087
1934	681, 304	402, 386	23, 197	88, 652	43, 567	57, 394	16, 974	16, 392	6, 578	26, 164
1935	647, 642	289, 339	33, 614	108, 902	55, 691	81, 550	18, 230	16, 674	7, 513	36, 129
1936	769, 573	430, 328	37, 471	117, 744	59, 506	55, 658	15, 366	19, 123	7, 931	26, 446
1937	717, 270	362, 642	34, 109	126, 560	69, 522	37, 837	21, 523	19, 577	10, 634	34, 866
1938	649, 413	349, 427	13, 634	101, 776	60, 945	43, 453	18, 113	19, 312	7, 237	35, 516
1939	688, 277	287, 621	44, 872	139, 864	79, 695	40. 023	20, 651	24, 515	9, 080	41, 956
1940	681, 194	269, 040	22, 690	132, 565	91, 144	63, 985	16, 744	24, 257	9, 668	51, 101
1941	885, 962	375, 918	63, 565	225, 322	61, 563	42, 075	16, 468	25, 271	9, 190	66, 590
1942	660, 334	280, 080	55, 219	168, 508	52, 500	32, 454	14, 450	21, 331	7, 318	28, 474
1943	620, 880	273, 802	47, 772	150, 961	56, 563	42, 176	9, 907	12, 197	4, 842	22, 660
1944	658, 660	246, 655	61, 627	164, 291	70, 185	55, 128	8, 425	13, 661	3, 830	34, 858
1945	638, 237	234, 242	50, 944	170, 404	86, 107	31, 049	3, 157	21, 053	3, 161	38, 120
	Value (thousands of dollars) [1]									
1933	59, 800	36, 242	2, 397	3, 805	6, 934	1, 868	3, 479	1, 766	1, 076	2, 233
1934	80, 021	45, 818	3, 315	5, 481	10, 010	3, 245	4, 403	2, 713	1, 871	3, 165
1935	74, 999	32, 475	5, 143	6, 237	12, 824	4, 976	4, 722	2, 681	2, 045	3, 896
1936	94, 564	50, 061	5, 740	7, 302	14, 715	3, 543	4, 672	2, 976	2, 181	3, 374
1937	105, 175	52, 934	4, 998	8, 592	18, 996	2, 674	7, 131	3, 013	2, 933	3, 904
1938	83, 446	42, 366	2, 367	7, 102	15, 184	2, 896	4, 872	3, 190	1, 886	3, 583
1939	96, 628	41, 781	7, 075	9, 554	20, 080	2, 589	5, 398	3, 798	2, 379	3, 974
1940	94, 182	38, 050	3, 736	8, 975	23, 728	4, 101	4, 318	3, 778	2, 527	4, 969
1941	138, 684	67, 417	12, 476	18, 092	19, 398	3, 504	4, 883	3, 711	2, 997	6, 206
1942	144, 997	61, 974	11, 692	15, 510	30, 742	3, 693	7, 347	3, 791	3, 599	6, 649
1943	141, 189	62, 935	10, 686	14, 352	31, 430	5, 271	5, 361	2, 802	2, 822	5, 530
1944	152, 914	56, 383	14, 224	15, 226	40, 836	7, 034	4, 855	3, 821	2, 283	8, 252

[1] 1945 values not yet available.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 823.—Fresh and Frozen Packaged Fish—Production, by Principal Species: 1928 to 1944

Year	Total	Cod	Flounders	Haddock	Rosefish	Whiting,[1]	Other
	Quantity (thousands of pounds)						
1928	65,246	2,056	545	57,059	----------	----------	5,586
1929	84,397	3,485	923	71,367	----------	----------	8,622
1930	77,829	6,602	978	62,146	----------	----------	8,103
1931	65,074	8,721	1,494	42,311	----------	----------	12,548
1932 [2]	51,975	7,786	1,687	33,401	----------	----------	9,101
1933	62,732	11,577	3,756	35,149	----------	----------	12,250
1934	80,106	15,239	4,648	36,666	[3]550	----------	23,003
1935	107,494	17,747	6,166	46,484	4,320	----------	32,777
1936	113,356	17,896	5,850	41,187	15,521	----------	32,902
1937	116,992	22,507	7,870	40,241	15,509	----------	30,865
1938	129,976	21,189	8,115	41,453	19,152	7,603	32,464
1939	137,268	19,401	10,645	38,432	25,003	12,421	31,366
1940	129,420	14,541	11,245	36,747	22,997	13,256	30,634
1941	182,951	16,790	20,455	46,912	41,817	24,019	32,958
1942 [4]	173,362	12,930	24,869	41,875	37,680	24,583	31,425
1943 [4]	158,639	13,714	24,517	32,219	31,012	22,315	34,862
1944 [4]	172,294	22,083	18,073	38,403	34,531	18,510	40,694
	Value (thousands of dollars)						
1928	9,789	300	160	8,491	----------	----------	838
1929	14,814	601	222	12,732	----------	----------	1,259
1930	12,277	971	191	9,844	----------	----------	1,271
1931	9,452	1,118	289	6,152	----------	----------	1,893
1932 [2]	5,742	857	266	3,357	----------	----------	1,262
1933	6,967	1,242	568	3,457	----------	----------	1,700
1934	9,001	1,677	722	3,801	[3] 55	----------	2,746
1935	11,202	1,751	973	4,427	440	----------	3,611
1936	12,147	1,895	906	4,266	1,514	----------	3,566
1937	12,861	2,262	1,287	4,162	1,495	----------	3,655
1938	12,315	2,025	1,253	3,428	1,568	362	3,679
1939	14,028	1,930	1,432	3,783	2,544	562	3,777
1940	14,345	1,760	1,542	4,479	2,272	561	3,731
1941	23,930	2,435	3,171	6,848	4,808	1,484	5,184
1942 [4]	33,991	2,778	5,867	9,661	6,907	2,240	6,538
1943 [4]	37,589	3,516	7,299	9,091	6,952	2,194	8,537
1944 [4]	40,820	5,461	5,423	10,597	7,745	1,955	9,639

[1] Data incomplete for years prior to 1938.
[2] Excludes California production.
[3] Estimated.
[4] Excludes California production. In 1941, the last year these data were available, yield of packaged fish in California totaled 5,384,000 pounds, valued at $1,032,000 of which 1,380,000 pounds were flounders, valued at $226,000.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 824.—Frozen Fishery Products—Production: 1936 to 1945

[In thousands of pounds. Data through 1942 are for the month ending on the 15th, thereafter for the calendar month. For cold storage holdings, see table 735.]

Month	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
Total	179,274	168,224	186,096	183,408	196,155	246,588	247,165	246,053	266,537	288,001
January	4,840	8,081	9,207	6,714	8,849	8,077	8,740	6,740	9,021	4,925
February	3,127	3,953	5,769	6,465	6,895	7,604	6,559	6,792	8,813	4,191
March	5,138	4,194	5,219	4,460	6,324	5,838	7,018	9,150	11,262	6,890
April	9,573	7,517	9,082	6,903	5,664	8,568	10,376	9,958	17,375	12,962
May	17,137	10,345	18,248	15,240	11,772	18,910	22,669	22,220	32,640	27,630
June	21,683	24,176	19,377	21,163	23,200	25,698	25,459	36,025	34,849	39,392
July	22,644	20,969	22,430	22,689	25,064	30,819	34,038	34,438	40,573	42,856
August	23,145	16,847	20,896	22,442	24,616	34,208	35,634	34,766	32,602	45,623
September	17,752	15,718	20,624	20,485	23,707	28,562	28,564	26,913	28,004	33,257
October	18,563	19,179	17,002	17,024	21,558	27,226	26,281	18,806	23,733	27,472
November	20,529	20,929	22,536	18,434	22,190	29,482	22,701	24,948	18,104	26,212
December	15,143	16,316	15,706	21,389	16,316	21,596	19,126	15,297	9,561	14,591

Source: Department of the Interior, Fish and Wildlife Service; current and annual bulletins.

No. 825.—Fishery Products—Imports and Exports: 1934 to 1943

Year	Imports				Exports			
	Total	Edible products		Non-edible products	Total	Edible products		Non-edible products
	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars
1934	30,790	286,763	23,174	7,616	13,822	115,702	12,003	1,819
1935	36,232	324,732	27,535	8,697	14,374	119,687	12,876	1,498
1936	41,872	371,206	30,356	11,516	13,214	111,259	12,263	951
1937	50,636	364,668	33,911	16,725	14,567	119,068	13,729	838
1938	39,307	302,624	28,349	10,958	14,415	118,029	13,798	617
1939	45,999	346,240	32,404	13,595	14,207	124,974	13,580	627
1940	41,830	302,518	29,073	12,757	17,785	144,804	17,115	670
1941	40,605	305,483	27,919	12,686	22,008	215,990	21,479	529
1942	38,348	279,010	28,886	9,462	31,989	167,080	27,875	4,114
1943	60,087	321,862	43,412	16,675	48,796	239,138	43,245	5,551

Source: Department of the Interior, Fish and Wildlife Service; compiled from data furnished by the Department of Commerce, Bureau of the Census.

No. 826.—Fish Propagation by Fish and Wildlife Service—Output of Eggs, Fry, and Fingerlings, 1895 to 1944, and by Kind, 1944

[All quantities in thousands]

Year ended June 30—	Total	Eggs	Fry	Fingerlings	Cost per million [1]
1895	619,916	55,408	561,894	2,613	$292.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,758	536,260	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	130.11
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1930	7,570,482	2,553,481	4,766,831	250,170	120.50
1935	5,071,725	3,381,794	1,556,246	133,683	117.22
1937	7,919,100	4,959,321	2,823,558	136,221	85.68
1938	8,121,132	5,912,580	2,089,367	119,185	106.88
1939	8,024,541	5,824,802	2,115,406	84,333	101.80
1940	7,407,247	5,826,059	1,498,157	83,031	134.87
1941	5,878,217	3,468,394	2,321,167	88,656	170.46
1942 (Dec. 31)	7,820,836	5,090,802	2,645,638	84,396	116.82
1943 (Dec. 31)	6,894,962	4,649,768	2,163,796	81,398	144.82
1944 (Dec. 31)	5,740,180	3,393,619	2,267,662	78,899	196.38

Species	1944			Species	1944		
	Eggs	Fry	Fingerlings		Eggs	Fry	Fingerlings
Catfish			1,160	Grayling	1,671		68
Channel catfish			179	Northern pike	30,880	20,238	78
Buffalofish	52,750		97	Crappie			1,018
Shad		10,122		Largemouth black bass		2,555	8,082
Whitefish	475	1,486		Smallmouth black bass		484	203
Lake herring		4,120		Spotted bass			(2)
Striped bass		7,618		Rock bass			81
Atlantic salmon			82	Warmouth bass			53
Chinook salmon	4,309	5,116	28,765	Bluegill sunfish			10,082
Chum salmon		7,951		Common sunfish			78
Silver salmon			1,198	Green sunfish			147
Sockeye salmon	743	1,390	4,611	Red-eared sunfish			2,057
Landlocked sockeye salmon			369	Pike-perch	300	9,570	26
Landlocked salmon			*53*	Yellow perch		795	166
Steelhead trout			572	*White perch*		*12,600*	(2)
Rainbow trout	13,821	615	7,013	White bass			(2)
Cut-throat trout	17,745	4,381	3,767	Cod	1,902,105	178,992	
Lock Leven, or brown trout	1,298		1,993	Haddock	548,054		
Lake trout		465	994	Flounder		1,732,481	
Brook trout	9,785	637	5,884	Pollock	809,683	263,633	
				Lobster		*2,412*	8
				Terrapin			14

[1] Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in he fish-cultural field services and the administrative and clerical force in Chicago, Ill.
[2] Less than 500.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

29. Mining and Mineral Products

[Data in this section cover the following areas unless otherwise indicated: Bureau of Census, continental United States; Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; foreign trade statistics, United States customs area, which includes Alaska, Hawaii, Puerto Rico, and, 1935-1939, the Virgin Islands. Index numbers of mineral production are shown in table 927, p. 811]

No. 827.—Mineral Products of the United States—Value, for Metallic and Nonmetallic: 1881 to 1944

Note.—All figures in millions of dollars. See general note above.

Yearly average or year	Total	Metallic	Nonmetallic			Year	Total	Metallic	Nonmetallic		
			Total	Fuels [1]	Other				Total	Fuels [1]	Other
1881-1885	426	194	232	171	61	1926	6,214	1,405	4,808	3,542	1,266
1886-1890	541	249	292	215	78	1927	5,530	1,221	4,309	3,060	1,249
1891-1895	592	245	347	248	99	1928	5,385	1,288	4,097	2,885	1,212
1896-1900	828	366	462	307	154	1929	5,888	1,480	4,407	3,191	1,217
1901-1905	1,392	578	814	546	267	1930	4,765	986	3,779	2,765	1,015
1906-1910	1,887	769	1,118	746	372	1931	3,167	570	2,597	1,892	704
1911-1915	2,220	821	1,400	967	433	1932	2,462	286	2,176	1,743	432
1916-1920	5,129	1,798	3,331	2,602	729	1933	2,555	417	2,138	1,683	455
1921-1925	5,151	1,154	3,997	2,943	1,054	1934	3,325	549	2,776	2,233	543
1926-1930	5,556	1,276	4,280	3,088	1,192	1935	3,650	733	2,917	2,330	587
1931-1935	3,032	511	2,521	1,977	544	1936	4,557	1,082	3,475	2,759	716
1918	5,541	2,157	3,384	2,736	648	1937	5,413	1,468	3,945	3,201	745
1919	4,624	1,361	3,263	2,511	752	1938	4,363	893	3,471	2,820	650
1920	6,981	1,764	5,218	4,193	1,025	1939	4,914	1,292	3,623	2,834	788
1921	4,139	655	3,484	2,703	780	1940	5,614	1,679	3,935	3,117	819
1922	4,647	988	3,659	2,738	921	1941	6,878	2,132	4,746	3,708	1,038
1923	5,987	1,512	4,475	3,317	1,157	1942	7,576	2,364	5,212	4,103	1,109
1924	5,306	1,233	4,072	2,899	1,174	1943	8,071	2,488	5,583	4,608	975
1925	5,678	1,382	4,295	3,059	1,237	1944 (prel.)	8,452	2,340	6,112	5,212	900

[1] Coal, natural gas, natural gasoline and allied products, petroleum.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 828.—Nonferrous Metals—Yearly Average Prices, by Kind: 1896 to 1945

[Prices are cents per pound, except quicksilver (dollars per flask [1]) and platinum (dollars per ounce)]

Year	Copper, electrolytic (New York)	Lead (New York)	Tin [2] (New York)	Zinc (St. Louis)	Aluminum, delivered [3]	Antimony (New York)	Quicksilver (New York)	Platinum (New York)
1896-1900	[4] 13.41	3.84	19.54	[5] 4.55	37.15	8.204	42.17	[6] 16.66
1901-1905	13.877	4.330	28.19	[7] 5.284	33.80	7.398	43.17	19.55
1906-1910	15.642	4.780	34.26	5.432	31.12	11.885	44.12	26.58
1911-1915	14.973	4.359	41.10	7.205	23.84	12.373	52.77	45.16
1916-1920	23.031	7.355	[8] 54.43	8.783	42.14	15.063	105.71	103.54
1921	12.502	4.545	29.92	4.655	21.11	4.957	45.46	75.03
1922	13.382	5.734	32.55	5.716	18.68	5.471	58.95	97.62
1923	14.421	7.267	42.66	6.607	25.41	7.897	66.50	116.54
1924	13.024	8.097	50.18	6.344	27.03	10.836	69.76	118.82
1925	14.042	9.020	57.89	7.622	27.19	17.494	83.13	119.09
1926	13.795	8.417	65.29	7.337	26.99	15.988	91.90	113.27
1927	12.920	6.755	64.35	6.242	25.40	12.393	118.16	84.64
1928	14.570	6.305	50.43	6.027	23.90	10.305	123.51	78.58
1929	18.107	6.833	45.16	6.512	23.90	8.956	122.15	67.66
1930	12.982	5.517	31.69	4.556	23.79	7.667	115.01	45.36
1931	8.116	4.243	24.47	3.640	23.30	6.720	87.35	35.67
1932	5.555	3.180	21.98	2.876	23.30	5.592	57.93	36.46
1933	7.025	3.869	39.12	4.029	23.30	6.528	59.23	30.99
1934	8.428	3.860	52.23	4.158	21.58	8.901	73.87	36.47
1935	8.649	4.065	50.39	4.328	20.50	13.616	71.99	34.15
1936	9.474	4.710	46.42	4.901	20.50	12.240	79.92	42.93
1937	13.167	6.009	54.29	6.519	20.08	15.355	90.18	51.77
1938	10.000	4.739	42.28	4.610	20.00	12.349	75.47	35.90
1939	10.965	5.053	49.11	5.110	20.00	12.359	103.94	36.75
1940	11.296	5.179	49.84	6.335	20.00	14.000	176.87	37.92
1941	11.797	5.793	52.03	7.474	16.87	14.000	185.02	36.00
1942	11.78	6.482	52.00	8.250	15.00	15.550	196.35	36.00
1943	11.78	6.500	52.00	8.250	15.00	15.840	195.21	35.00
1944	11.75	6.500	52.00	8.250	15.00	[9] 14.500	118.36	35.00
1945	11.75	6.500	52.00	8.250	15.00	[9] 14.500	134.89	35.00

[1] Flasks of 75 pounds prior to 1927; 76 thereafter.

[2] 99 percent tin, 1896-1919; Straits tin thereafter.

[3] Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99 percent + virgin ingot.

[4] Prices 1896 to 1898 are for Lake copper.

[5] Data are for New York zinc.

[6] Average for 1899 and 1900 only.

[7] Average, 1903-05; average for New York zinc 1901-05, 5.058 cents.

[8] Average for 4 years.

[9] American f. o. b. Laredo, Tex.

Sources: Engineering and Mining Journal and The Mineral Industry; American Metal Market, annual report; and The Iron Age, annual review issue.

No. 829.—Mineral Products of the United States—Quantities and Values: 1930 to 1944

[Data cover continental United States and, for leading products, outlying areas. Certain of the figures represent shipments rather than quantity mined, and some of the figures for 1944 are preliminary. Total values of metallic and nonmetallic products include figures which the Bureau of Mines is not at liberty to publish and estimated figures for certain products for which data are not available. In some cases, neither quantity nor value can be shown and those products are not listed here but data for them are included in totals. On the other hand, values for certain products, such as coke, are excluded from the totals to eliminate duplication, since the values of the products derived therefrom, or of raw materials used, are accounted for under other items. Short tons are 2,000 pounds; long tons, 2,240 pounds.]

Product	Quantity						Value in thousands of dollars					
	1930	1935	1940	1942	1943	1944	1930	1935	1940	1942	1943	1944
Metallic												
Aluminum ... 1,000 pounds	229,037	119,295	412,560	1,042,212	1,840,358	1,552,892	50,961	22,070	75,292	151,371	265,380	222,416
Antimonial lead [1] ... short tons	13,711	[1] 16,384	[1] 29,762	[1] 51,762	[1] 63,515	[1] 57,902	1,393	(1)	(1)	(1)	(1)	(1)
Antimony, metal ... do	[2] 1,685	[3] 2,134	(3)	(3)	(3)	(3)	[2] 258	(3)	(3)	(3)	(3)	(3)
Antimony, ore and concentrates ... do	----------	3,616	1,124	6,980	16,785	13,501	----------	(4)	73	480	914	563
Bauxite ... long tons	330,612	233,912	434,988	2,625,413	6,693,080	[5] 2,823,724	1,928	1,557	2,579	12,934	32,744	[5] 14,402
Beryllium ore ... short tons	(4)	(4)	121	269	356	388	(4)	(4)	4	24	44	56
Cadmium:												
Metal ... pounds	2,777,762	3,477,091	6,467,260	7,233,043	8,326,768	8,551,424	1,778	(4)	4,527	5,740	6,571	6,435
Compounds ... do	(4)	(4)	205,900	78,059	137,952	285,203	(4)	(4)	144	62	109	214
Chromite ... long tons	80	515	2,662	100,782	142,964	40,740	2	6	29	2,994	4,820	1,668
Copper,[6] sales value ... 1,000 pounds	1,394,389	762,587	1,818,168	2,175,982	2,185,878	2,006,758	181,271	63,295	205,453	[7] 256,766	[7] 257,934	[7] 236,797
Ferro-alloys ... short tons	728,269	663,237	1,292,660	1,869,211	1,995,171	1,860,956	51,900	48,892	128,128	259,084	271,488	246,014
Gold [8] ... 1,000 troy ounces	2,286	3,609	6,003	3,742	1,395	1,022	47,248	126,325	210,109	130,963	48,808	35,778
Iron, ore [9] ... 1,000 long tons	55,201	33,426	75,198	105,989	99,463	95,136	145,619	83,035	189,087	279,179	269,017	256,886
Iron, pig ... 1,000 short tons	33,494	23,719	46,959	59,101	60,787	60,996	512,165	358,145	840,442	1,227,390	1,273,634	1,278,981
Lead (refined),[6] sales value ... short tons	573,740	310,505	433,065	467,367	406,544	394,443	57,374	24,840	43,307	[7] 58,888	[7] 52,038	[7] 50,489
Magnesium (new ingot) ... do	280	2,121	6,412	47,420	170,267	146,585	269	(4)	[10] 3,462	21,216	69,961	60,141
Manganese ore (35% or more Mn) ... long tons	67,035	26,428	40,123	170,311	183,190	221,086	1,437	557	1,169	6,494	7,279	9,015
Manganiferous ore (5% to 35% Mn) ... do	785,390	524,184	1,136,547	1,579,801	1,538,275	1,328,225	2,402	1,323	3,348	4,867	4,522	3,856
Mercury, metal ... flasks (76 pounds net)	21,553	17,518	37,777	50,846	51,929	37,688	2,479	1,261	6,682	9,984	10,137	4,461
Molybdenum ... 1,000 pounds	3,759	10,892	25,329	66,437	53,955	39,423	2,068	7,261	17,189	47,275	38,500	27,999
Nickel ... short tons	308	160	554	612	642	988	214	130	(4)	(4)	(4)	(4)
Ores (crude), old tailings, etc.:												
Copper ... 1,000 short tons	47,382	19,103	69,278	92,664	98,120	91,064	(11)	(11)	(11)	(11)	(11)	(11)
Lead-copper, zinc-copper, zinc-lead-copper ... do	246	1	93	10	840	1,085						
Dry and siliceous (gold and silver) ... do	7,767	14,016	18,700	11,649	4,963	2,620						
Lead ... do	8,080	3,494	6,144	7,612	7,258	6,805						
Zinc-lead ... do	10,645	7,471	12,866	18,827	13,403	15,418						
Zinc ... do	5,980	7,944	9,521	9,119	16,804	16,470						
Platinum, etc., value, N. Y. C. ... troy ounces	43,502	42,060	47,339	35,103	34,917	33,021	2,049	1,414	1,986	1,600	1,455	1,481
Selenium ... pounds	278,309	232,831	368,709	316,613	521,779	423,906	455	(4)	(4)	(4)	(4)	(4)
Silver [12] ... 1,000 troy ounces	50,748	45,924	69,586	56,091	40,900	35,651	19,538	33,008	49,483	39,887	29,085	25,352
Tantalum and columbium ores ... pounds	5,100	7,681	----------	200	15,182	10,412	3	5	----------	(13)	29	24
Tellurium ... do	4,717	22,610	88,996	98,798	62,260	45,323	8	(4)	(4)	(4)	(4)	(4)

Tin (metallic equivalent) ..... short tons	17	50	49	7	7	6	10	50	55	7	7	6
Titanium concentrates (ilmenite) ..... do	(4)	(4)	20,702	93,397	211,715	280,791	(4)	(4)	184	1,806	3,739	7,371
Titanium concentrates (rutile) ..... do	(4)	(4)	2,657	2,649	3,941	6,770	(4)	(4)	393	411	611	1,088
Tungsten ore (60 percent concentrates) ..... do	702	2,395	5,319	9,333	11,945	10,282	509	1,921	6,576	13,508	17,974	14,409
Vanadium ..... 1,000 pounds	(4)	(4)	2,091	4,439	5,586	3,527	(4)	(4)	(4)	2,468	3,518	1,690
Zinc,[6] sales value ..... short tons	489,361	412,184	589,988	629,956	594,250	574,453	46,979	36,272	74,338	[7] 109,613	[7] 102,211	[7] 98,806
Total metallic products (approximate)							985,790	733,130	1,678,600	2,363,900	2,488,000	2,340,000
NONMETALLIC												
Arsenious oxide ..... short tons	17,425	12,670	23,339	31,038	32,423	34,472	1,008	497	561	1,360	1,520	1,697
Asbestos ..... do	4,242	8,920	20,060	15,481	6,014	6,667	289	293	675	499	335	380
Asphalt, native ..... do	702,777	349,938	500,281	975,373	886,135	789,516	4,463	2,201	2,766	4,279	4,288	3,691
Asphalt, oil (including road oil)[9] ..... do	2,167,068	2,715,104	5,262,959	7,708,853	7,131,973	6,408,766	20,851	24,112	41,399	74,612	80,615	70,311
Barite (crude) ..... do	234,932	225,111	409,353	429,484	420,343	518,617	1,538	1,251	2,597	2,673	2,797	3,558
Boron minerals ..... do	177,360	272,967	243,355	226,723	256,633	277,586	5,352	5,382	5,643	5,734	6,402	6,580
Bromine ..... 1,000 pounds	8,463	16,429	59,266	65,881	94,086	102,112	2,110	3,483	11,773	13,729	19,107	19,713
Calcium-magnesium chloride (75 percent $NaCl_2$) short tons	116,160	83,546	99,536	224,527	199,796	200,964	2,208	1,039	998	1,733	1,550	1,621
Cement ..... 1,000 bbl. (376 lb. net)	160,846	76,244	132,864	187,809	129,479	95,592	231,249	114,810	193,465	286,905	202,460	151,997
Clay products [14]							275,134	155,536	114,000	102,740	75,200	65,472
Clay, raw (sold by producers) ..... 1,000 short tons	3,963	2,923	4,701	7,343	7,288	6,275	[9] 12,521	[9] 10,824	18,162	24,523	24,915	23,525
Coal, bituminous [15] ..... do	467,526	372,373	[16] 460,772	582,693	590,177	620,000	795,483	658,063	[16] 879,327	1,373,991	1,584,644	1,819,753
Coal, Pennsylvania anthracite ..... do	69,385	52,159	51,485	60,328	60,644	63,701	354,574	210,131	205,490	271,673	306,816	354,583
Coke [9] ..... do	47,972	35,141	57,072	70,569	71,676	74,038	209,137	176,853	273,832	425,614	476,117	527,922
Emery ..... short tons	555	176	1,046	5,277	6,666	6,940	6	[12]	9	49	63	65
Feldspar (crude) ..... long tons	171,788	189,550	290,763	316,166	308,180	327,408	1,067	1,005	1,272	1,547	1,646	1,814
Fluorspar ..... short tons	95,849	123,741	233,600	360,316	406,016	413,781	1,747	1,861	4,745	8,898	11,802	12,503
Fuller's earth ..... do	335,644	227,745	146,568	204,244	247,258	294,737	4,327	2,230	1,471	2,140	2,664	3,297
Garnet for abrasive purposes ..... do	5,003	3,060	4,716	4,357	5,935	(4)	314	257	259	300	429	(4)
Graphite, amorphous ..... do	1,941	(4)	(4)	7,253	9,597	5,768	21	(4)	(4)	402	903	350
Graphite, crystalline ..... do	(4)	(4)					(4)	(4)				
Grindstones and pulpstones ..... do	18,700	14,587	13,323	14,681	12,623	(4)	771	505	496	540	488	(4)
Gypsum [17] ..... 1,000 short tons	3,471	1,904	3,699	4,698	3,878	3,761	27,051	18,860	5,228	6,811	5,960	6,451
Helium [18] ..... cu. ft	9,805,600	10,218,480	9,450,855	(4)	(4)	(4)	140	114	85	(4)	(4)	(4)
Iodine ..... pounds	(4)	245,696	(4)	(4)	(4)	(4)	(4)	249	(4)	(4)	(4)	(4)
Kyanite ..... short tons	(4)	(4)	4,241	8,708	9,561	(4)	(4)	(4)	94	191	239	(4)
Lime ..... 1,000 short tons	3,388	2,987	4,887	6,104	6,597	6,474	25,616	21,749	33,956	44,367	49,064	48,698
Lithium minerals ..... short tons	1,797	1,154	2,011	5,405	8,155	13,319	56	27	81	244	315	553
Magnesite (crude) ..... do	129,320	177,154	333,166	497,368	754,832	561,450	1,033	1,192	2,488	3,874	6,072	4,407
Magnesium oxide, hydrated (brucite) ..... 1,000 pounds			216,532	738,514	1,225,148	1,023,158			2,453	10,728	21,605	18,394
Magnesium salts, natural ..... do	73,255	109,602					1,071	1,287				
Marl, calcareous ..... short tons	34,012	88,062	25,516	194,878	147,153	178,036	113	97	42	135	153	172
Marl, greensand ..... do	12,761	7,589	6,697	10,110	10,056	4,908	221	220	390	448	522	506
Mica, scrap ..... do	6,732	[19] 18,852	[19] 22,386	43,262	46,138	51,727	109	[19] 244	[19] 315	671	738	1,089
Mica, sheet ..... 1,000 pounds	1,465	937	1,625	2,762	3,448	1,523	177	161	292	725	3,229	3,263
Millstones							18	10	7	10	9	10

No. 829.—Mineral Products of the United States—Quantities and Values: 1930 to 1944—Continued

Product	Quantity						Value in thousands of dollars					
	1930	1935	1940	1942	1943	1944	1930	1935	1940	1942	1943	1944
NONMETALLIC—continued												
Mineral pigments:												
Natural pigments and manufactured iron oxide pigments ... short tons	(20)	(20)	(20)	97,327	100,216	97,018	(20)	(20)	(20)	7,764	7,951	8,016
Zinc and lead pigments [21] ... do	147,948	137,972	164,775	156,215	192,827	211,403	18,420	13,828	19,334	21,255	26,341	28,992
Natural gas ... 1,000,000 cu. ft	1,943,421	1,916,595	2,660,222	3,053,475	3,414,689	3,780,232	416,090	429,374	577,939	692,737	760,950	824,542
Natural gasoline and allied products:												
Natural gasoline and cycle products ... 1,000 gal	2,210,494	1,651,986	2,339,400	2,725,968	2,773,218	3,031,308	128,160	70,940	68,261	102,565	122,500	148,200
Liquefied petroleum gases ... do	(22)	(22)	(22)	773,556	910,854	1,170,624	(22)	(22)	(22)	19,000	24,410	34,300
Oilstones, etc ... short tons	651	439	(4)	(4)	(4)	(4)	137	106	(4)	(4)	(4)	(4)
Olivine ... do	(4)	(4)	2,500	5,739	5,415	3,270	(4)	(4)	15	45	49	35
Peat ... do	(23)	37,060	70,097	71,500	60,002	57,987	(23)	199	517	517	491	525
Petroleum ... 1,000 barrels (42 gal.)	898,011	996,596	1,353,214	1,386,645	1,505,613	1,677,753	1,070,200	961,440	1,385,440	1,643,470	1,809,020	2,030,500
Phosphate rock ... 1,000 long tons	3,926	3,042	4,003	4,644	5,126	5,377	13,997	10,952	12,335	16,597	18,962	20,856
Potassium salts (K_2O) ... short tons	56,610	224,721	393,058	680,831	732,151	817,892	2,986	4,993	12,562	22,963	26,183	29,487
Pumice ... do	56,843	60,000	82,407	126,522	85,150	88,757	336	247	450	706	611	704
Pyrites ... long tons	347,512	514,192	626,640	720,363	802,384	788,530	1,029	1,583	1,920	2,464	2,844	2,598
Salt ... 1,000 short tons	8,054	7,927	10,360	13,693	15,214	15,717	25,009	21,838	26,475	38,144	43,878	45,989
Sand and gravel:												
Sand, glass ... do	1,849	2,126	2,760	3,622	3,972	4,443	3,211	3,735	4,882	6,784	7,377	8,228
Sand (molding, building, etc.) and gravel ... 1,000 short tons	195,203	121,798	235,548	300,724	230,092	190,340	111,966	58,242	105,806	181,716	145,416	116,936
Sand-lime brick ... thousands	[14] 191,193	[14] 61,757	[14] 104,519	([14])	([14])	([14])	[14] 1,951	[14] 555	[14] 1,174	([14])	([14])	([14])
Silica (quartz) ... short tons	13,156	17,178	31,865	65,878	99,445	82,379	121	112	176	331	347	286
Slate ... do	463,610	330,200	473,450	590,770	468,860	477,840	7,912	3,650	5,738	6,360	4,870	5,004
Sodium salts (carbonates and sulfates), natural ... short tons	122,930	131,936	317,267	325,652	331,901	353,749	1,792	1,449	3,158	3,815	4,098	4,447
Stone ... 1,000 short tons	126,996	[24] 83,159	[24] 153,733	[24] 195,884	[24] 171,343	[24] 155,580	178,949	[24] 87,824	[24] 160,044	[24] 205,002	[24] 184,320	[24] 175,642
Sulfur ... 1,000 long tons	1,990	1,635	2,559	3,129	2,954	3,519	35,800	29,300	40,900	50,100	47,300	56,300
Sulfuric acid, byproduct (60° Baumé) [25] ... 1,000 short tons	1,188	604	841	961	1,196	1,125	9,544	4,548	6,797	8,253	10,270	10,063
Talc, pyrophyllite, and soapstone [26] ... short tons	179,385	172,716	281,375	387,963	412,868	398,863	2,108	1,848	3,008	4,754	5,121	5,017
Tripoli ... do	32,439	27,375	30,212	17,536	14,912	18,425	508	383	367	272	244	302
Vermiculite ... do	(4)	7,068	22,299	57,848	46,645	54,116	(4)	88	138	320	472	542
Total nonmetallic products (approximate)							3,779,010	2,916,870	3,935,300	5,212,400	5,583,000	6,112,000
Metallic products							985,790	733,130	1,678,600	2,363,900	2,488,000	2,340,000
Nonmetallic products (exclusive of fuels)							1,014,510	586,870	818,800	1,109,000	974,700	900,000
Mineral fuels							2,764,500	2,330,000	3,116,500	4,103,400	4,608,300	5,212,000
Grand total (approximate)							4,764,800	3,650,000	5,613,900	7,576,300	8,071,000	8,452,000

[1] From both domestic and foreign ores. Beginning 1935, data represent antimonial lead produced at primary refineries from both primary and secondary sources, and are not comparable with data for prior years; estimate of value of primary antimony and lead content of antimonial lead from domestic sources included in total value of metallic products.
[2] Content of antimonial lead. Value of the antimony in antimonial lead excluded from total value.
[3] Largely from foreign ore beginning 1935. Value not included in total value. Bureau of Mines not at liberty to publish value figures or quantity figures for 1940–1944.
[4] Figures not available or Bureau of Mines not at liberty to publish them; value included in total value of metallic or nonmetallic products.
[5] Represents dried bauxite equivalent.
[6] Product from domestic ores only.
[7] Value does not include premiums paid miners by the Government. Total premiums for copper, lead, and zinc amounted to approximately $26,000,000 in 1942, $73,000,000 in 1943, and $83,000,000 in 1944.
[8] According to Bureau of the Mint; valued at $20.67 + per ounce through 1930, at $35 per ounce in 1935 and subsequent years.
[9] Value not included in total value; see headnote.
[10] Value calculated at nominal price, 27 cents per pound.
[11] Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.
[12] According to Bureau of the Mint.
[13] Less than $500.
[14] Figures obtained through cooperation with Bureau of the Census. For 1940, total is estimate based on figures issued by Bureau of the Census as somewhat incomplete. For 1942–44 there was no canvass; total for clay products is estimate by Bureau of Mines; no estimate was made for sand-lime brick. Value of clay products exclude values of pottery and refractories for 1940 and subsequent years.
[15] Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.
[16] Quantities as reported by Department of the Interior, National Bituminous Coal Division; values include selling expenses.
[17] Gypsum mined: For 1940 and subsequent years, value of crude at mine; for earlier years, value as sold (crude and calcined).
[18] Figures cover fiscal year ended June 30 of year stated.
[19] Includes mica recovered by grinding mica schist; excluded in prior years shown.
[20] Figures not available; value of iron ore sold for paint included in total value of nonmetallic products.
[21] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.
[22] Figures not available.
[23] No canvass. Estimate of value included in total value of nonmetallic products.
[24] Includes soapstone used as dimension stone.
[25] From copper and zinc smelters and zinc roasters and from roasting of high-sulfide gold and silver concentrates.
[26] For 1930 figures exclude soapstone. For 1935 and thereafter, figures cover talc, pyrophyllite, and ground soapstone. Dimension soapstone is included in stone. Value of soapstone in 1930 is included in total value of nonmetallic products; Bureau of Mines not at liberty to publish figures.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 830.—Mineral Production, by States and for Alaska: 1938 to 1944

Note.—The sum of the State totals in the table below does not agree with the total for the United States given in tables 827 and 829 chiefly because of the following reasons: (1) Figures for certain of the products included in the United States total are not available by States of origin; (2) the use of iron ore values in State totals and pig iron values in United States total; (3) the use of mine figures for gold, silver, copper, lead, and zinc in the State totals and mint and smelter figures in the United States total; and (4) the inclusion of estimates in the United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made.

[Values in thousands of dollars]

DIVISION AND STATE	1938	1939	1940	1941	1942	1943	1944
Continental U. S.	3,907,000	4,210,412	4,646,533	5,587,851	6,184,095	6,589,224	7,015,279
New England	21,772	25,460	24,902	29,918	26,450	21,558	21,352
Maine	3,549	3,770	4,375	4,692	3,614	2,720	2,146
New Hampshire	1,147	1,187	1,065	1,383	1,211	1,350	1,166
Vermont	6,440	6,972	6,980	8,132	7,266	6,404	7,672
Massachusetts	6,666	8,243	7,573	9,293	8,467	5,441	5,260
Rhode Island	912	981	995	1,133	836	808	612
Connecticut	3,060	4,306	3,914	5,285	5,055	4,835	4,496
Middle Atlantic	570,399	639,859	728,121	867,801	984,067	1,015,076	1,111,758
New York	73,217	78,410	76,120	91,583	103,298	88,416	88,015
New Jersey	24,409	30,442	33,654	39,075	38,921	37,583	33,794
Pennsylvania	472,773	531,008	618,348	737,144	841,847	889,077	989,949
East North Central	374,877	514,158	605,902	725,363	772,217	770,931	788,393
Ohio	104,813	120,682	130,655	164,827	175,549	189,422	190,967
Indiana	47,892	53,885	58,975	80,572	89,571	83,513	91,143
Illinois	130,155	210,798	277,943	320,510	327,665	322,050	331,497
Michigan	81,381	116,088	124,775	142,434	161,434	157,016	151,992
Wisconsin	10,637	12,705	13,554	17,021	17,998	18,930	22,794
West North Central	275,721	332,113	366,971	475,528	534,100	514,329	502,166
Minnesota	51,425	106,456	128,572	178,790	191,650	177,687	170,465
Iowa	24,794	25,170	26,007	28,872	28,278	24,187	24,458
Missouri	39,561	45,634	50,325	61,545	76,122	72,212	72,369
North Dakota	2,653	2,690	2,987	3,328	4,028	4,422	4,671
South Dakota	23,583	24,814	23,529	24,502	24,139	8,608	5,465
Nebraska	4,029	4,390	4,692	6,499	8,428	6,800	5,060
Kansas	129,675	122,960	130,860	171,992	201,454	220,413	219,678
South Atlantic	351,451	384,413	451,803	581,931	658,728	740,958	783,794
Delaware	321	401	457	493	402	367	182
Maryland	9,408	11,782	12,605	17,292	18,384	17,508	15,399
District of Columbia	569	592	640	700	600	100	111
Virginia	42,370	43,903	50,004	71,341	79,771	85,825	88,528
West Virginia	254,995	276,084	329,892	425,626	493,995	564,230	612,366
North Carolina	14,959	18,534	21,113	18,915	17,373	22,172	22,199
South Carolina	4,364	5,423	5,306	7,246	5,891	4,759	4,192
Georgia	11,598	14,634	16,932	21,049	22,009	20,927	18,065
Florida	12,867	13,060	14,854	19,269	20,304	25,070	21,852
East South Central	190,589	210,009	246,895	325,792	401,733	424,825	464,427
Kentucky	106,655	112,841	131,974	169,009	204,294	236,578	273,597
Tennessee	32,429	39,818	42,683	56,302	67,224	64,485	63,382
Alabama	46,296	52,158	64,998	82,730	100,223	102,584	108,460
Mississippi	5,210	5,192	7,240	17,751	29,993	21,178	18,988
West South Central	1,214,709	1,136,642	1,187,173	1,407,368	1,487,278	1,708,693	1,953,271
Arkansas	29,395	29,573	37,479	47,081	60,337	81,249	68,423
Louisiana	172,307	168,903	189,153	228,440	246,439	269,412	304,894
Oklahoma	272,860	236,194	235,535	263,764	271,298	254,642	260,578
Texas	740,147	701,972	725,005	868,083	909,203	1,103,390	1,319,378
Mountain	388,668	459,914	539,774	626,019	728,405	777,553	737,212
Montana	48,603	63,344	79,488	86,583	96,682	91,743	89,479
Idaho	31,739	33,138	40,800	45,674	54,290	57,475	51,321
Wyoming	37,364	39,413	43,074	52,751	64,070	70,737	73,031
Colorado	60,369	64,145	63,188	73,961	95,279	88,534	79,598
New Mexico	63,569	69,988	80,970	97,849	106,811	123,805	126,230
Arizona	60,756	75,088	85,291	100,473	117,991	124,584	115,600
Utah	59,236	80,128	104,393	122,387	146,969	164,150	150,153
Nevada	27,031	34,671	42,571	46,341	46,313	56,525	51,800
Pacific	518,812	507,845	494,992	548,133	591,117	615,301	652,906
Washington	21,167	31,596	28,090	28,507	35,660	37,593	36,320
Oregon	7,536	8,637	11,230	12,830	14,066	12,267	9,668
California	490,108	467,612	455,672	506,795	541,392	565,441	606,918
Alaska	28,797	25,674	28,724	26,809	20,094	9,055	7,032

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 831.—Mineral Industries—Summary for the United States: 1919, 1929, and 1939

Note.—Statistics cover producing operations only. In general, those for 1939 cover only those operations (or concerns producing crude petroleum, natural gas, and natural gasoline, and rendering oil- and gas-field services) for which total value of all products, reported principal expenses, cost of buildings, machinery, and equipment during the year, or cost of drilling and equipping wells during the year amounted to $2,500 or more. For bituminous coal and lignite an output criterion of 1,000 tons of coal was substituted for value of all products. Statistics for the common sand and gravel industry exclude data for operations that produced less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during the year amounted to $15,000 or more. Statistics for 1929 cover, in general, only those "enterprises" for which total value of all products or cost of development work amounted to $2,500 or more. Bituminous coal and lignite mines that produced less than 1,000 tons of coal and common sand and gravel operations that produced less than 25,000 tons of sand and gravel, were excluded. Statistics for 1919 exclude data for "enterprises" for which value of all products was less than $500 or cost of development work was less than $5,000. Noncommercial production of stone and sand and gravel obtained from mines or quarries operated by governmental agencies, public utilities, or by construction companies or contractors producing wholly for their own use or on contract for governmental agencies is excluded for all years.

ITEM	1939 (all industries)	COMPARATIVE STATISTICS FOR 1939 AND 1929		COMPARATIVE STATISTICS FOR 1939 AND 1919	
		1939 [1]	1929	1939 [2]	1919
Number of mines and quarries	13,395	12,736	11,602	10,888	13,844
Number of oil and gas wells producing December 31	347,645	----------	----------	347,645	257,673
Number of natural-gasoline plants	734	----------	----------	734	1,115
Value of all products [3] 1,000 dollars	3,221,927	1,721,771	2,392,831	3,089,904	3,122,559
Number of persons engaged, total	827,410	668,771	863,948	792,423	1,077,675
Wage earners (average for the year) [4]	736,150	616,614	806,418	705,872	981,560
Salaried employees [5]	77,019	44,124	52,633	73,238	74,197
Proprietors and firm members (not applicable to corporations) [6]	14,241	8,033	4,897	13,313	21,918
Performing manual labor	6,431	5,107	(7)	6,122	5,245
Principal expenses designated below, total 1,000 dollars	1,747,282	1,161,318	1,661,168	1,674,708	2,166,345
Wages [4] do	915,558	740,112	1,091,990	881,122	1,295,936
Salaries [5] do	189,355	103,807	137,639	180,372	149,329
Supplies and materials do	306,297	216,448	293,568	290,545	519,594
Fuel do	60,374	32,568	49,146	53,098	93,911
Purchased electric energy do	68,892	61,429	71,769	63,617	28,195
Contract work do	206,805	6,953	17,056	205,955	79,380
Cost of machinery and equipment installed during year [8] 1,000 dollars	261,475	60,334	84,508	253,688	(7)
Horsepower rating of power equipment, total [9]	13,045,784	8,754,546	7,514,843	12,112,357	[10] 6,723,786
Prime movers	7,149,168	3,332,089	2,743,025	6,653,204	5,111,531
Electric motors driven by purchased energy	5,896,616	5,422,457	4,771,818	5,459,153	[10] 1,612,255
Electric energy consumed, total 1,000 kilowatt-hours	8,371,670	7,396,870	7,482,790	(7)	(7)
Purchased do	6,301,497	5,627,091	5,382,178	(7)	(7)
Generated by reporting companies do	2,070,173	1,769,779	2,080,612	(7)	(7)

[1] Excludes statistics for the common clay and shale, crude petroleum and natural gas, greensand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

[2] Excludes the common clay and shale, common sand and gravel, glass-sand, foundry-sand, natural sodium compounds, peat, potash, and rock salt industries, and limestone mines and quarries operated in conjunction with cement and lime plants for comparability with 1919.

[3] Includes value of crude minerals produced, value added during the year by preparation processes, receipts for services performed for other concerns, and value of electric energy generated and sold.

[4] Represents statistics for skilled and unskilled employees who perform manual labor, use tools, operate machines, handle materials, and care for property. The average numbers of wage earners were derived by adding the numbers reported for each month and dividing the sums by 12.

[5] Represents statistics for salaried employees at operations and at central and branch offices, including officers of corporations, managers, superintendents, and other supervisory personnel, responsible professional and technical employees, and clerical employees. The number of salaried employees represents the number receiving pay on a representative or normal day or pay-roll period—for 1939, during the normal pay-roll period ending nearest Oct. 14; for 1929, on Dec. 14 or on the nearest representative day; for 1919, on Dec. 15 or on the nearest representative day. Salaries represent the total amount paid to salaried employees during the calendar year.

[6] Represents statistics for proprietors and firm members at operations and at central and branch offices.

[7] Census statistics not available.

[8] For 1939 includes installation costs, which are excluded for 1929.

[9] Statistics for 1939 and 1929 refer to equipment in use or available for use at the end of the year.

[10] Includes equipment, with rating of 8,865 horsepower, operated by purchased power other than electric energy.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939 Vol. I.

No. 832.—MINERAL INDUSTRIES—

NOTE.—See head

Line number	INDUSTRY	Number of operating companies [1]	Number of mines, quarries, and wells	Number of preparation plants	Quantity of major product (tons of 2,000 pounds except as noted)	Value of all products (thousands of dollars) [2]	NUMBER OF PERSONS ENGAGED: Total	Wage earners (average for year) [3]	Salaried employees [4]	Proprietors and firm members [5]
1	All operations	20,927	361,202	5,450	(8)	[9] 3,430,259	[10] 878,180	779,032	[10] 82,809	16,339
2	Producing operations	18,920	361,040	5,418	(8)	3,221,927	[10] 827,410	736,150	[10] 77,019	14,241
3	Fuels, total	13,345	353,969	1,291	(8)	2,392,754	635,506	566,956	57,509	11,041
4	Crude petroleum and natural gas.	7,782	347,645	-----	(13)	1,375,954	141,592	105,166	30,322	6,104
5	Natural gasoline	295	-------	734	[14] 2,141,779	96,338	10,347	8,332	2,005	10
6	Bituminous coal	5,009	5,686	365	391,728,862	727,358	393,308	369,156	19,656	4,496
7	Lignite	130	131	-----	2,978,046	3,457	1,739	1,480	115	144
8	Pa. anthracite [15]	346	507	192	51,865,328	189,648	88,520	82,822	5,411	287
9	Metallic ores, total	1,733	1,992	678	(8)	515,009	99,608	88,394	10,110	1,104
10	Iron ore	100	177	41	[17] 51,645,269	150,872	22,397	20,137	2,228	32
11	Major nonferrous metallic ores.	1,487	1,640	508	(18)	338,092	72,544	64,232	7,337	975
12	Gold, total	1,124	1,180	329	(18)	114,090	23,398	20,507	2,089	802
13	Lode gold	820	841	329	(18)	86,063	19,433	17,279	1,612	542
14	Placer gold	306	339	(19)	(18)	28,027	3,965	3,228	477	260
15	Silver ore	150	163	32	(18)	19,716	4,697	4,244	368	85
16	Copper ore	35	51	27	(18)	141,635	26,752	23,844	2,908	--------
17	Lead ore	62	76	29	(18)	31,467	8,015	6,984	998	33
18	Zinc ore	138	170	91	(18)	31,184	9,682	8,653	974	55
19	Other nonferrous metallic ores.	153	175	129	(8)	26,045	4,667	4,025	545	97
20	Bauxite	10	12	11	[20] 388,000	2,527	827	727	100	--------
21	Chromite and antimony ore.	4	3	1	[17] 3,417	47	40	31	8	1
22	Manganese ore	26	34	14	[17] 47,672	945	557	504	41	12
23	Mercury	64	61	58	[21] 18,222	1,830	721	602	74	45
24	Molybdenum ore	5	5	5	21,068	15,411	1,025	910	112	3
25	Titanium ore	3	3	3	16,471	458	196	183	13	--------
26	Tungsten ore	35	49	31	[23] 3,214	3,354	855	690	134	31
27	Vanadium and uranium ore.	8	8	6	103,846	1,473	446	378	63	5
28	Stone, total	1,521	1,929	1,369	133,991,959	117,034	41,302	37,287	3,158	857
29	Crushed and broken.	1,183	1,533	1,335	130,240,936	101,581	34,350	30,937	2,770	643
30	Rough dimension.	345	396	34	3,751,023	15,453	6,952	6,350	388	214
31	Limestone, total	965	1,256	1,041	109,777,773	80,656	28,312	25,619	2,129	564
32	Crushed, etc.	911	1,192	1,028	108,436,772	77,147	27,055	24,482	2,031	542
33	Rough dimension	55	64	13	1,341,001	3,509	1,257	1,137	98	22
34	Granite, total	199	242	86	7,460,299	12,876	4,913	4,417	384	112
35	Crushed, etc.	59	79	74	6,500,177	7,030	2,354	2,100	232	22
36	Rough dimension	141	163	12	960,122	5,846	2,559	2,317	152	90
37	Basalt, total	101	120	116	9,822,020	9,658	2,226	1,910	278	38
38	Crushed, etc.	97	116	115	9,801,339	9,632	2,198	1,886	278	34
39	Rough dimension	4	4	1	20,681	26	28	24	--------	4
40	Sandstone, total	117	127	55	3,295,036	4,445	1,916	1,737	132	47
41	Crushed, etc.	60	68	50	2,522,789	2,930	1,246	1,134	98	14
42	Rough dimension	57	59	5	772,247	1,515	670	603	34	33

[1] Companies with operations in more than 1 industry are counted only once in the totals.
[2] See note 3, table 831. [3] See note 4, table 831. [4] See note 5, table 831. [5] See note 6, table 831.
[6] Represents permanent additions and major alterations (including installation costs); minor additions and replacements and the cost of land are excluded.
[7] See note 9, table 831. [8] Not shown because of dissimilar products.
[9] Includes amounts received by or due contractors for services performed during the year.
[10] Includes statistics for 334 salaried employees paid $1,091,000 at central offices that served more than 1 mineral industry.
[11] Contractors performing oil- and gas-field services were not asked to report expenditures for supplies and materials, fuel, purchased electric energy, or contract work, and contractors performing general services for mineral industries were not asked to report expenditures for contract work. These expenditures are not included in totals shown. Expenditures by "Contract-service operations" duplicate in part the expenditures for "Contract work" reported by producing operations.
[12] Oil- and gas-field contractors were not asked to report expenditures for buildings, machinery, and equipment, and contractors performing general services for mineral industries were asked to report only combined expenditures for these items, which amounted to $150,000. These expenditures are not included in totals shown.
[13] Crude petroleum, 1,228,133,816 barrels (42 gallons); natural gas, 2,929,484,828 M cu. ft., of which 2,287,413,256 M cu. ft. were marketed.
[14] Thousands of gallons. [15] Includes data for 58 strip-pit and culm-bank contractors.
[16] Excludes, to avoid duplication, $10,618,000 paid strip-pit and culm-bank contractors by colliery companies. [17] Tons of 2,240 pounds.

SUMMARY, BY INDUSTRIES: 1939

note table 831.

Total man-hours worked by wage earners (thousands)	PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILDINGS, MACHINERY, AND EQUIPMENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS) [6]		Aggregate horsepower rating of prime movers and electric motors driven by purchased energy [7]	Line number
	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment		
1,296,611	[10] [11] 1,829,398	975,442	[10] 205,399	[11] 307,980	[11] 60,965	[11] 69,245	[11] 210,368	[12] 27,435	[13] 263,097	14,323,958	1
1,224,707	[10] 1,747,282	915,558	[10] 189,355	306,297	60,374	68,892	206,805	27,020	261,475	13,045,784	2
875,808	1,324,284	707,640	140,306	200,509	35,318	38,338	202,174	18,121	228,694	8,543,120	3
190,078	533,947	155,170	78,792	78,037	19,460	6,730	195,748	9,588	188,578	3,386,341	4
16,634	37,856	13,212	5,052	8,653	6,600	355	3,984	1,460	11,569	772,302	5
542,100	594,512	430,427	44,120	88,064	5,291	24,711	1,898	5,303	25,258	3,326,209	6
3,027	2,182	1,384	219	342	80	145	11	16	94	21,052	7
123,969	155,787	107,446	12,123	25,412	3,887	6,389	[10] 532	1,753	3,196	1,037,216	8
188,060	250,882	125,411	26,404	67,898	10,212	18,527	2,431	5,284	17,568	2,196,013	9
38,187	50,183	27,201	5,794	10,621	2,267	4,083	217	770	3,603	573,296	10
141,489	189,479	93,199	19,187	53,969	7,290	13,798	2,036	4,136	12,917	1,537,602	11
48,930	63,111	32,563	5,166	17,369	2,101	4,796	1,117	1,775	7,369	396,549	12
40,842	50,224	26,931	4,004	13,588	1,402	3,323	976	1,640	3,579	286,115	13
8,088	12,887	5,631	1,162	3,780	699	1,473	142	135	3,790	110,434	14
9,036	10,213	6,004	895	2,502	178	573	61	161	391	43,260	15
51,241	75,703	34,486	8,078	23,562	4,168	4,899	511	1,822	4,084	752,707	16
14,085	19,922	9,921	2,848	4,897	267	1,851	137	144	470	193,248	17
18,198	20,530	10,225	2,201	5,639	577	1,679	209	234	603	151,838	18
8,384	11,219	5,012	1,422	3,308	655	645	178	378	1,048	85,115	19
1,176	1,380	578	241	269	187	60	46	20	180	13,290	20
59	75	42	12	11	3	6	--------	7	27	686	21
959	805	483	84	162	37	40	--------	3	35	5,035	22
1,388	1,289	737	155	222	138	34	3	66	185	8,388	23
1,987	4,120	1,435	534	1,713	39	358	42	30	77	33,981	24
322	270	140	42	38	15	36	(22)	15	72	2,251	25
1,614	2,241	1,100	241	648	97	114	42	160	286	14,660	26
879	1,038	497	112	244	140	--------	45	77	186	6,824	27
74,665	72,698	37,591	6,983	16,961	4,756	5,534	873	1,203	5,372	1,096,649	28
62,366	63,349	31,492	6,163	15,733	4,309	4,867	786	1,155	5,047	961,604	29
12,209	9,348	6,099	820	1,228	447	667	87	48	325	135,045	30
51,101	50,355	26,167	4,638	11,584	3,466	3,800	699	895	4,210	790,138	31
48,901	48,544	24,903	4,453	11,425	3,404	3,684	675	886	4,141	756,332	32
2,200	1,811	1,264	185	159	62	117	25	9	69	33,806	33
8,841	8,146	4,156	937	1,956	392	656	50	109	415	105,248	34
4,574	4,343	1,782	573	1,405	223	334	26	75	260	48,142	35
4,267	3,803	2,373	364	551	169	321	24	33	155	57,106	36
4,037	5,416	2,465	651	1,346	418	504	32	137	386	96,713	37
4,001	5,395	2,452	651	1,344	413	503	32	137	384	96,211	38
36	21	13	--------	2	5	1	--------	(22)	2	502	39
3,131	2,969	1,651	230	742	180	137	30	23	92	35,502	40
1,990	2,027	1,084	174	519	123	105	23	23	69	24,991	41
1,141	942	567	56	223	56	32	7	(22)	23	10,511	42

[18] Recoverable metals contained:

Industry	Gold (fine ounces)	Silver (fine ounces)	Copper (pounds)	Lead (pounds)	Zinc (pounds)
Major nonferrous metallic ores, total	3,867,632	62,736,783	1,434,481,327	800,010,658	1,131,548,549
Lode gold	2,455,725	6,985,914	5,978,207	20,925,993	3,295,133
Placer gold	824,555	96,896	--------	--------	--------
Silver ore	96,296	31,008,891	31,071,853	40,245,076	9,215,058
Copper ore	429,518	13,138,381	1,385,985,075	14,431,555	52,840,656
Lead ore	40,650	9,433,615	10,313,111	602,316,964	131,872,086
Zinc ore	20,888	2,073,086	1,133,081	122,091,070	934,325,616

[19] Data not available separately.

[20] Dried bauxite equivalent. Tons of 2,240 pounds.

[21] Flasks of 76 pounds.

[22] Less than $501.

[23] 60 percent WO_3.

No. 832.—MINERAL INDUSTRIES—SUMMARY,

Line number	INDUSTRY	Number of operating companies[1]	Number of mines, quarries, and wells	Number of preparation plants	Quantity of major product (tons of 2,000 pounds except as noted)	Value of all products (thousands of dollars)[2]	NUMBER OF PERSONS ENGAGED		
							Total	Wage earners (average for year)[3]	Salaried employees[4]
1	Slate, total	70	79	11	683,900	4,163	1,516	1,341	115
2	Crushed and broken	6	11	11	308,268	2,137	450	407	43
3	Rough dimension	64	68	-------	375,632	2,025	1,066	934	72
4	Marble, total	31	44	8	316,155	2,709	1,452	1,405	41
5	Crushed and broken	6	6	5	34,815	177	80	70	9
6	Rough dimension	25	38	3	281,340	2,532	1,372	1,335	32
7	Miscellaneous, crushed and broken.	60	61	52	2,636,776	2,528	967	858	79
8	Sand and gravel, total	1,253	1,563	1,528	122,547,976	79,402	20,573	16,959	2,818
9	Common sand and gravel	1,129	1,380	1,383	115,543,448	69,130	17,740	14,584	2,445
10	Glass sand	32	39	40	3,175,417	6,136	1,527	1,280	242
11	Foundry sand	97	144	105	3,829,111	4,136	1,306	1,095	131
12	Clay and shale, total	833	1,061	205	21,722,410	24,847	11,624	10,648	760
13	Kaolin and ball clay	75	95	53	1,049,810	7,239	3,460	3,168	266
14	Fire clay	200	306	44	4,200,729	7,178	4,018	3,655	255
15	Common clay and shale	517	609	70	16,061,529	6,341	3,043	2,906	61
16	Fuller's earth	21	22	18	186,961	2,107	680	562	116
17	Bentonite	27	29	20	223,381	1,982	423	357	62
18	All other, total	439	526	347	(6)	92,881	18,463	15,906	2,330
19	Asbestos	9	9	7	15,423	492	172	160	9
20	Barite	37	47	32	348,022	2,065	870	792	62
21	Diatomite	14	14	12	98,461	2,018	370	299	62
22	Feldspar	47	50	2	[17] 214,009	981	605	512	54
23	Fluorspar	60	61	53	305,557	3,398	1,445	1,287	109
24	Graphite, lithium minerals, pinite, and Iceland spar.	6	6	2	(8)	96	48	36	10
25	Greensand	4	3	4	4,054	285	96	79	15
26	Gypsum	34	59	25	3,302,208	4,569	1,431	1,327	97
27	Kyanite, andalusite, and dumortierite.	7	8	5	3,730	139	101	83	16
28	Magnesite and brucite	3	4	1	188,349	1,396	228	216	12
29	Mica	22	21	10	20,731	327	221	190	20
30	Native asphalt and bitumens.	23	23	15	494,864	2,968	860	730	123
31	Natural abrasives	33	41	31	101,476	1,295	435	366	45
32	Natural sodium compounds.	10	12	9	255,385	3,067	643	533	105
33	Peat	23	25	23	55,556	378	195	157	27
34	Phosphate rock	33	40	50	[17] 3,957,884	12,286	3,766	3,372	382
35	Potash	5	5	4	531,621	13,964	1,801	1,516	284
36	Pyrites	6	5	4	[17] 169,760	602	209	189	15
37	Rock salt	17	17	17	2,046,880	6,896	1,565	1,380	181
38	Sulfur	8	10	2	[17] 2,091,179	31,812	2,025	1,517	507
39	Talc and soapstone	29	33	26	253,992	3,269	1,154	970	167
40	Tripoli	9	12	8	28,995	427	159	139	20
41	Vermiculite	7	7	5	22,638	150	64	56	8
42	Contract-service operations [24]	2,067	-------	-------	----------	[25] 208,332	48,595	41,426	5,279
43	Oil- and gas-field services	1,888	-------	-------	----------	[25] 203,844	46,939	40,061	5,153
44	General services for mineral industries.	179	-------	-------	----------	[25] 4,488	1,656	1,365	126
45	Nonproducing operations [26]	453	162	32	----------	----------	2,175	1,456	511

[1] Companies with operations in more than 1 industry are counted only once in the totals.
[2] See note 3, table 831.
[3] See note 4, table 831.
[4] See note 5, table 831.
[5] See note 6, table 831.
[6] Represents permanent additions and major alterations (including installation costs); minor additions and replacements and the cost of land are excluded.
[7] See note 9, table 831.
[8] Not shown because of dissimilar products.
[11] Contractors performing oil- and gas-field services were not asked to report expenditures for supplies and materials, fuel, purchased electric energy, or contract work, and contractors performing general services for mineral industries were not asked to report expenditures for contract work. These expenditures are not included in totals shown. Expenditures by "Contract-service operations" duplicate in part the expenditures for "Contract work" reported by producing operations.
[12] Oil- and gas-field contractors were not asked to report expenditures for buildings, machinery, and equipment, and contractors performing general services for mineral industries were asked to report only combined expenditures for these items, which amounted to $150,000. These expenditures are not included in totals shown.
[17] Tons of 2,240 pounds.
[22] Less than $501.

BY INDUSTRIES: 1939—Continued

NUMBER OF PERSONS ENGAGED—con.		PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILDINGS, MACHINERY, AND EQUIPMENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS) [6]		Aggregate horsepower rating of prime movers and electric motors driven by purchased energy [7]	
Proprietors and firm members [5]	Total man-hours worked by wage earners (thousands)	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment		Line number
60	2,611	2,747	1,252	232	881	113	242	28	5	72	29,554	1
----------	803	1,420	426	93	716	39	138	8	----------	24	12,594	2
60	1,808	1,327	825	139	165	74	104	20	5	48	16,960	3
6	2,973	1,543	1,100	105	139	87	101	11	1	30	18,247	4
1	127	99	44	30	11	6	8	----------	----------	2	2,087	5
5	2,846	1,444	1,057	75	127	81	92	11	1	28	16,160	6
30	1,970	1,521	800	190	314	101	95	23	34	165	21,247	7
796	35,786	42,683	18,822	6,393	8,493	4,632	3,806	537	1,030	5,302	699,215	8
711	31,324	37,190	16,482	5,447	7,432	4,156	3,273	399	870	4,780	643,026	9
5	2,667	3,568	1,456	600	747	322	366	77	124	324	29,154	10
80	1,794	1,925	884	346	314	154	166	62	35	197	27,035	11
216	18,848	15,773	8,735	1,676	2,918	1,252	705	487	308	1,559	147,895	12
26	5,987	4,269	1,830	637	896	530	241	135	203	1,017	32,777	13
108	5,642	4,875	3,366	499	622	115	130	143	34	153	31,840	14
76	5,481	4,213	2,793	94	629	384	214	99	40	219	61,526	15
2	1,051	1,450	438	308	374	164	95	72	17	68	14,795	16
4	687	966	309	137	396	59	26	38	15	103	6,958	17
227	31,540	39,871	17,358	6,503	9,518	4,205	1,983	304	1,074	2,981	362,892	18
3	344	320	151	18	86	22	40	3	7	13	4,179	19
16	1,439	1,166	597	155	246	94	52	21	31	96	10,452	20
9	751	1,101	338	138	446	96	83	----------	34	48	6,648	21
39	1,016	618	383	113	81	28	8	5	7	39	5,668	22
49	2,568	2,104	1,134	228	506	118	61	57	106	456	20,506	23
2	63	63	26	13	16	3	4	1	1	1	679	24
2	146	154	67	30	34	22	1	----------	----------	----------	709	25
7	2,466	2,671	1,640	217	624	37	146	6	27	277	28,538	26
2	165	131	68	31	18	8	6	----------	2	32	1,574	27
----------	437	432	300	24	80	5	11	11	1	39	1,820	28
11	361	190	118	20	25	10	16	(22)	1	9	1,696	29
7	1,330	1,306	608	285	317	68	28	1	26	89	12,966	30
24	711	692	349	106	148	65	24	(22)	13	37	6,147	31
5	1,070	1,994	779	314	429	251	198	24	131	146	16,066	32
11	246	184	101	43	21	15	4	(22)	8	18	2,759	33
12	6,680	7,012	2,871	858	1,503	826	931	23	109	470	112,531	34
1	3,318	6,462	2,666	997	1,607	1,174	----------	18	246	545	44,600	35
5	348	384	204	37	95	7	34	8	3	15	2,525	36
4	2,608	3,148	1,434	540	868	153	151	3	149	212	23,002	37
1	3,031	7,406	2,545	1,911	1,690	1,128	15	116	84	297	45,135	38
17	2,068	2,017	807	382	619	45	162	2	62	102	12,049	39
----------	284	220	116	34	46	16	8	----------	22	34	1,595	40
----------	91	95	54	11	10	16	----------	4	5	6	1,048	41
1,890	69,159	[11] 74,226	58,085	15,157	[11] 624	[11] 335	[11] 25	(11)	(12)	(12)	1,148,201	42
1,725	66,479	[11] 71,289	56,419	14,870	(11)	(11)	(11)	(11)	(12)	(12)	1,096,381	43
165	2,680	[11] 2,937	1,666	287	624	335	25	(11)	(12)	(12)	51,820	44
208	2,744	7,890	1,799	886	1,059	255	328	3,562	415	1,622	129,973	45

[24] Contractors engaged chiefly in development work for other concerns in the mineral industries; Pennsylvania anthracite strip-pit and culm-bank contractors are excluded. Statistics for contractors performing oil- and gas-field services exclude data for oil- and gas-field work performed on contract by concerns that also operated oil and gas wells for their own account unless separate reports were obtained for each of these two types of activities. Statistics are also excluded for concerns rendering oil- and gas-field services or producing crude petroleum, natural gas, or natural gasoline whose reports covering these activities indicated that neither the value of products and services rendered, nor reported principal expenses, nor cost of buildings, machinery, and equipment, nor cost of drilling and equipping wells amounted to as much as $2,500 during 1939. Statistics for contractors performing general services for mineral industries exclude data for contractors that received or were due less than $2,500 for work done during 1939.

[25] Represents amounts received or due for services performed during the year.

[26] Statistics cover, in general, only those operations that had reported principal expenses or cost of buildings, machinery, and equipment during the year of at least $2,500; for common sand and gravel the corresponding minimum was $15,000. Statistics include data for oil- and gas-field operations in States in which the reporting concerns had no products, provided the concerns were large enough to come within the scope of the census as defined in headnote of table 831.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I

No. 833.—MINERAL INDUSTRIES—

NOTE.—Statistics cover producing operations only. For explanations of terms

STATE	Number of operating companies	Number of mines and quarries	Number of oil and gas wells producing, Dec. 31, 1939	Number of preparation plants	Value of all products (thousands of dollars)	NUMBER OF PERSONS ENGAGED			
						Total	Wage earners (average for year)	Salaried employees	Proprietors and firm members
United States, total	**18,920**	**13,395**	**347,645**	**5,418**	**3,221,927**	**827,410**	**736,150**	**77,019**	**14,241**
Alabama	282	340	--------	106	41,685	27,078	25,661	1,181	236
Arizona	164	172	--------	57	54,127	10,432	9,335	981	116
Arkansas	261	140	2,987	52	25,345	6,456	5,821	480	155
California	1,642	771	16,657	474	364,619	37,805	30,252	6,604	949
Colorado	486	544	223	107	52,059	14,884	13,259	1,288	337
Connecticut	52	63	--------	44	2,917	725	635	71	19
Delaware	9	9	--------	7	242	86	68	15	3
Florida	68	83	--------	83	11,155	3,480	3,070	385	25
Georgia	92	106	--------	61	8,077	3,910	3,646	224	40
Idaho	98	105	--------	48	21,918	4,989	4,550	384	55
Illinois	1,006	783	16,981	287	187,219	44,724	39,920	3,971	833
Indiana	483	455	1,885	153	35,443	12,588	11,250	978	360
Iowa	365	383	--------	91	10,816	6,260	5,580	339	341
Kansas	748	212	20,238	124	77,531	13,327	11,290	1,475	562
Kentucky	637	613	9,868	126	91,285	54,001	51,278	2,370	353
Louisiana	451	40	6,529	62	121,202	11,782	9,645	1,925	212
Maine	33	34	--------	11	896	439	379	41	19
Maryland and District of Columbia	144	171	--------	58	8,451	3,876	3,526	236	114
Massachusetts	102	112	--------	87	5,230	1,617	1,206	362	49
Michigan	463	173	3,002	106	75,397	16,144	14,293	1,566	285
Minnesota	110	170	--------	83	98,711	8,027	6,716	1,255	56
Mississippi	49	45	47	37	2,139	644	551	80	13
Missouri	387	456	132	157	27,167	11,066	9,258	1,531	277
Montana	444	296	2,067	70	44,173	11,738	10,114	1,284	340
Nebraska	37	64	--------	47	1,323	557	463	60	34
Nevada	265	279	--------	90	25,171	5,714	5,026	538	150
New Hampshire	24	26	--------	13	653	316	266	41	9
New Jersey	117	135	--------	108	14,124	4,010	3,369	609	32
New Mexico	241	100	2,981	30	55,559	8,266	7,340	792	134
New York	419	286	14,729	217	40,278	8,887	6,817	1,679	391
North Carolina	85	111	--------	60	4,257	1,997	1,787	178	32
North Dakota	105	106	--------	4	2,503	1,078	874	86	118
Ohio	1,189	1,102	15,011	334	63,221	28,028	24,579	2,351	1,098
Oklahoma	1,302	235	50,384	223	196,803	30,949	23,279	6,839	831
Oregon	114	123	--------	80	5,120	1,485	1,257	158	70
Pennsylvania	2,524	2,271	65,484	658	458,038	207,494	192,026	13,142	2,326
Rhode Island	20	21	--------	16	828	259	212	36	11
South Carolina	34	44	--------	23	3,457	1,400	1,291	97	12
South Dakota	57	55	2	23	22,680	2,924	2,633	264	27
Tennessee	220	256	41	88	22,133	12,578	11,723	739	116
Texas	2,891	192	89,568	282	555,208	52,149	38,420	11,819	1,910
Utah	160	183	7	38	62,791	10,789	9,446	1,278	65
Vermont	60	77	--------	21	5,348	1,735	1,574	121	40
Virginia	221	253	--------	113	34,436	20,122	18,988	1,041	93
Washington	146	165	12	77	13,688	4,317	3,864	343	110
West Virginia	1,041	793	26,137	239	222,780	107,488	101,815	4,934	739
Wisconsin	131	153	--------	126	8,176	2,396	2,093	229	74
Wyoming	146	89	2,673	17	35,548	6,394	5,705	619	70

[1] Less than $501.

SUMMARY, BY STATES: 1939

used, see headnote, table 831, and appropriate footnotes, tables 831 and 832.

Total man-hours worked by wage earners (thousands)	PRINCIPAL EXPENSES DESIGNATED BELOW (THOUSANDS OF DOLLARS)							COST OF BUILDINGS, MACHINERY, AND EQUIPMENT ERECTED OR INSTALLED DURING YEAR (THOUSANDS OF DOLLARS)		Aggregate horsepower rating of prime movers and electric motors driven by purchased energy	STATE
	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment		
1,224,707	1,747,282	915,558	189,355	306,297	60,374	68,892	206,805	27,020	261,475	13,045,784	U. S.
39,603	34,253	23,674	2,666	5,846	483	1,342	242	549	2,307	253,211	Ala.
21,944	30,604	14,495	2,492	10,428	2,012	1,059	118	789	3,118	280,525	Ariz.
8,935	15,943	5,905	1,032	2,783	872	374	4,977	149	4,138	122,902	Ark.
62,635	132,197	51,788	17,934	28,538	7,619	6,116	20,202	3,618	37,886	1,257,118	Calif.
22,912	29,650	16,561	2,899	6,987	844	1,803	556	441	1,642	192,296	Colo.
1,370	1,656	753	180	436	137	127	21	49	142	28,420	Conn.
130	153	69	33	25	14	12	--------	2	6	3,067	Del.
5,995	6,265	2,406	775	1,463	771	816	43	146	331	116,656	Fla.
7,373	5,076	2,257	503	1,263	577	345	130	240	1,079	47,770	Ga.
9,507	12,267	6,936	1,044	3,202	237	802	46	118	746	77,816	Idaho.
61,212	102,901	47,441	9,773	17,529	2,303	3,784	22,071	2,545	18,795	737,958	Ill.
18,258	24,656	13,505	2,143	5,592	814	1,477	1,124	443	1,869	233,285	Ind.
8,583	7,923	5,482	570	1,147	309	362	53	46	302	64,949	Iowa.
19,572	36,475	12,776	3,259	5,710	1,167	1,240	12,323	731	9,644	357,383	Kans.
73,656	71,359	52,173	4,606	10,211	765	2,561	1,043	556	2,784	325,424	Ky.
18,648	60,234	14,744	5,188	10,240	3,280	448	26,334	917	23,418	284,785	La.
659	593	376	72	83	27	33	2	5	11	10,952	Me.
5,952	5,243	3,344	487	852	208	204	59	79	618	38,469	Md. & D. C.
2,512	3,517	1,486	1,042	433	294	256	6	64	321	58,418	Mass.
27,426	37,311	18,418	3,687	7,302	2,570	2,033	3,300	414	3,950	403,941	Mich.
12,971	20,402	9,816	3,340	4,014	1,576	1,558	97	367	1,394	309,190	Minn.
1,106	1,170	362	173	212	140	72	210	16	265	13,811	Miss.
16,422	18,801	8,904	3,678	3,885	541	1,621	172	146	613	220,954	Mo.
19,560	27,212	14,463	2,987	6,915	504	1,793	550	380	2,273	224,646	Mont.
1,030	811	358	86	175	89	75	29	15	88	15,059	Nebr.
11,162	15,853	7,754	1,318	4,110	620	1,188	862	836	1,474	102,169	Nev.
535	479	266	87	63	44	19	(1)	2	73	6,650	N. H.
6,451	8,947	4,314	1,612	1,720	570	636	95	163	478	90,674	N. J.
13,463	25,815	9,468	1,945	5,223	1,389	313	7,476	983	5,624	144,175	N. M.
14,254	23,477	9,399	5,703	4,126	1,478	1,373	1,398	404	2,420	278,038	N. Y.
3,720	2,532	1,123	321	709	181	193	7	8	161	26,285	N. C.
1,724	1,518	871	171	274	73	124	6	16	56	15,251	N. Dak.
40,751	45,573	28,334	5,041	7,001	1,704	2,048	1,445	418	3,986	358,401	Ohio.
42,495	83,873	30,413	17,880	15,652	4,324	1,870	13,734	1,028	11,623	947,665	Okla.
2,548	3,184	1,580	317	864	254	163	6	84	216	32,405	Oreg.
294,101	352,536	243,512	30,539	50,947	8,125	14,048	5,365	3,596	14,103	2,301,660	Pa.
435	527	262	61	129	44	30	2	13	35	6,998	R. I.
2,756	2,132	782	283	698	136	176	58	26	162	20,366	S. C.
5,960	7,711	4,681	840	1,715	282	172	21	352	735	46,047	S. Dak.
19,578	16,194	10,458	1,486	2,602	589	968	89	223	1,007	136,526	Tenn.
71,269	207,036	55,826	31,855	32,023	8,447	2,240	76,645	3,935	86,788	1,224,293	Tex.
18,294	27,870	13,159	3,303	7,603	560	2,988	257	552	1,475	272,301	Utah.
3,148	3,230	1,719	297	842	92	273	6	37	92	32,120	Vt.
28,955	26,879	18,864	2,037	4,186	424	1,324	44	198	1,174	145,701	Va.
6,553	8,739	5,341	816	1,911	245	381	45	168	326	75,443	Wash.
155,554	175,856	128,402	10,804	25,355	1,795	7,142	2,358	1,030	9,217	922,293	W. Va.
4,177	5,069	2,604	513	1,078	365	491	18	27	413	72,806	Wis.
8,855	15,582	7,932	1,478	2,204	388	422	3,159	99	2,095	108,422	Wyo.

Source: Department of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

No. 834.—Aluminum—Production, Exports, and Imports: 1913 to 1944

Year	Production						Imports [2]		Exports [2]	
	Quantity (1,000 pounds)			Value ($1,000)			Quantity (1,000 lb.)	Value ($1,000)	Quantity (1,000 lb.)	Value ($1,000)
	Total	Primary	Secondary	Total	Primary	Secondary [1]				
1913	56,587	47,279	9,308	11,649	9,450	2,199	25,095	4,388	----------	----------
1914	67,017	57,973	9,044	11,753	10,080	1,673	17,943	3,354	----------	----------
1915	107,504	90,504	17,000	22,082	16,280	5,802	9,294	1,766	----------	----------
1916	153,707	115,107	38,600	57,330	33,900	23,430	6,699	1,753	----------	----------
1917	162,061	129,861	32,200	62,594	45,882	16,712	89	35	----------	----------
1918	154,825	124,725	30,100	51,272	41,159	10,113	1,691	534	24,135	8,979
1919	165,859	128,477	37,382	50,573	38,558	12,015	13,852	4,531	5,020	1,745
1920	169,042	138,042	31,000	50,864	41,375	9,489	39,299	12,184	9,408	3,068
1921	72,332	54,532	17,800	14,681	10,906	3,775	32,559	7,628	2,196	801
1922	106,213	73,633	32,580	19,708	13,622	6,086	43,892	8,287	4,347	1,127
1923	171,258	128,658	42,600	39,130	28,305	10,825	42,477	8,317	5,540	1,518
1924	204,564	150,564	54,000	52,203	37,607	14,596	31,810	6,860	6,344	1,632
1925	228,116	140,116	88,000	61,246	36,430	24,816	41,997	9,806	12,642	3,366
1926	235,786	147,386	88,400	61,451	37,583	23,868	71,392	16,422	7,634	2,135
1927	256,007	163,607	92,400	62,736	39,266	23,470	62,575	13,317	14,523	3,479
1928	306,144	210,544	95,600	70,747	47,899	22,848	38,847	8,057	15,728	3,759
1929	324,773	227,973	96,800	74,999	51,864	23,135	50,881	9,935	17,032	4,150
1930	306,237	229,037	77,200	68,138	50,961	17,177	25,461	4,690	17,330	3,916
1931	238,145	177,545	60,600	50,010	37,284	12,726	14,833	2,540	4,701	986
1932	152,888	104,888	48,000	31,445	20,453	10,992	8,185	1,339	4,437	469
1933	152,125	85,125	67,000	31,517	16,174	15,343	15,247	2,746	5,708	600
1934	166,977	74,177	92,800	31,726	14,094	17,632	18,592	3,625	8,366	1,249
1935	222,095	119,295	102,800	41,088	22,070	19,018	21,291	3,694	3,970	694
1936	327,929	224,929	103,000	60,667	41,612	19,055	25,563	4,165	1,606	382
1937	417,801	292,681	125,120	79,382	55,609	23,773	45,178	6,883	5,384	51,261
1938	364,482	286,882	77,600	71,985	56,659	15,326	17,740	2,491	12,618	3,912
1939	434,984	327,090	107,894	85,909	64,600	21,309	28,673	3,385	74,216	20,892
1940	573,284	412,560	160,724	104,624	75,292	29,332	36,168	4,737	55,682	17,919
1941	831,848	618,134	213,714	135,102	100,395	34,707	26,826	3,619	14,924	4,793
1942	1,435,140	1,042,212	392,928	208,817	151,371	57,446	224,272	35,501	77,558	19,563
1943	2,468,280	1,840,358	627,922	355,926	265,380	90,546	271,644	41,303	235,212	59,074
1944	2,204,164	1,552,892	651,272	315,678	222,416	93,262	205,506	30,230	377,042	73,579

[1] Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the Engineering and Mining Journal and the American Metal Market.

[2] Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.

Source: Production, Department of Interior, Bureau of Mines; Minerals Yearbook. Imports and exports, Department of Commerce, Bureau of Foreign and Domestic Commerce through 1940; thereafter, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S.

No. 835.—Copper—Production, Exports, Imports, and Consumption: 1910 to 1944

NOTE.—**All quantities except ore produced in millions and tenths of millions of pounds.** Production figures include continental United States and Alaska. Owing to the varying stages of production, the stocks in different classes of hands, the redistribution of copper previously purchased, the recovery and use of old copper, etc., calculations of consumption are somewhat uncertain. The American Bureau of Metal Statistics presents consumption estimates rather widely different from those given below. Consumption as shown represents the quantity of copper withdrawn on domestic account, but not actual domestic consumption, as no account is taken of consumers' stocks

ITEM	1910	1920	1930	1935	1940	1942	1943	1944
UNREFINED COPPER								
Ore produced (million short tons)[1]	28.5	36.8	47.4	19.1	69.3	92.3	98.1	91.1
Average copper yield, percent	1.88	1.63	1.43	1.89	1.20	1.09	1.04	.96
Smelter output from domestic ore	1,080.2	1,209.1	1,394.4	762.6	1,818.2	2,176.0	2,185.9	2,006.8
Mine production	1,088.2	1,224.6	1,410.1	761.0	1,756.2	2,160.1	2,181.6	1,945.1
Imports, unrefined:[2]								
Ore (copper content)	64.2	52.0	101.3	15.3	[3] 22.6	[3] 11.1	[3] 15.6	[3] 12.8
Concentrates (copper content)	21.0	46.8	56.9	60.4	[3] 143.1	[3] 130.4	[3] 121.4	[3] 118.1
Matte and regulus (copper content)		17.6	4.7	5.5	120.2	137.1	113.2	102.0
Unrefined, in bars, pigs, etc	[4] 259.2	244.7	560.5	395.9	556.4	445.2	372.8	354.6
REFINED COPPER PRODUCTION								
Total new and old copper	1,611.0	2,151.0	3,091.0	2,075.4	3,691.2	4,684.6	4,930.6	4,344.3
New copper (primary)	1,422.0	1,526.2	2,157.1	1,177.6	2,627.1	2,829.1	2,758.5	2,442.4
Domestic	1,071.9	1,182.4	1,391.2	676.6	1,854.5	2,129.6	2,164.2	1,947.7
Foreign	350.1	343.7	765.8	501.0	772.6	699.5	594.4	494.7
Electrolytic	1,128.3	1,351.7	1,993.6	[5] 1,103.7	[5] 2,539.9	[5] 2,614.0	[5] 2,471.8	[5] 2,168.8
Lake	221.5	153.5	143.0	[5] 73.6	[5] 87.3	[5] 93.0	[5] 89.7	[5] 83.2
Casting and best select	72.3	[6] 21.0	20.5	.3	--------	122.1	197.0	190.3
Secondary copper (from new and old scrap)	189.0	624.9	934.4	897.8	[7] 1,064.1	[7] 1,855.5	[7] 2,172.1	[7] 1,901.9
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	1,422.0	1,526.2	2,157.1	1,177.6	2,627.1	2,829.1	2,758.5	2,442.4
Refined copper imported[2]	(4)	108.7	86.2	36.1	136.7	802.9	805.5	984.8
Refined copper exported	[8] 708.3	[8] 553.1	669.3	550.0	754.2	[9] 262.8	[9] 351.7	[9] 136.7
Stocks, Dec. 31 (refined)	122.8	659.0	615.0	350.0	183.0	168.0	137.0	162.0
Withdrawn on domestic account:								
New refined copper	732.4	1,053.8	1,265.0	882.7	2,017.6	3,356.2	3,243.3	3,265.4
New and old copper	921.0	1,679.0	2,199.0	1,780.0	3,081.7	5,211.7	5,415.4	5,167.3

[1] Tons of 2,000 ponds. Old tailings are included beginning with 1930.
[2] For immediate consumption plus copper entering under bond.
[3] Ore from the Philippine Islands included under concentrates.
[4] Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.
[5] Some copper from Michigan was electrolytically refined and is included with electrolytic.
[6] Includes pig. [7] Includes 9,431 tons in chemicals in 1940, 17,455 in 1942, 13,019 in 1943, and 13, 357 in 1944.
[8] Includes small exports of unrefined black blister and converter copper (bars, pigs, etc).
[9] Excludes refined copper in rods.

No. 836.—Copper—Smelter Production, by State of Origin of Ore: 1910 to 1944

[Quantities in thousands of pounds.]

STATE OF ORIGIN	1910	1920	1930	1935	1940	1942	1943	1944
Total	1,080,160	1,209,061	1,394,389	762,587	1,818,168	2,175,982	2,185,878	2,006,758
Alaska	4,311	66,094	36,380	14,602	128	66	62	8
Arizona	297,251	552,989	570,897	278,519	574,533	776,788	794,868	737,098
California	45,760	11,822	26,262	1,630	13,092	2,038	17,044	26,400
Colorado	9,307	4,283	12,944	14,341	26,373	2,498	2,268	2,514
Idaho	6,878	1,922	2,714	2,125	7,379	7,778	4,660	2,880
Michigan	221,463	153,484	142,986	73,812	91,487	94,940	90,996	84,668
Missouri	--------	533	2	85	1,638	5,316	3,472	,9464
Montana	283,079	177,744	198,796	157,760	258,141	280,930	276,590	235,712
Nevada	64,495	55,580	87,475	72,819	157,242	166,868	143,106	122,218
New Mexico	3,785	52,160	74,188	4,560	140,969	159,196	157,608	140,534
Tennessee	16,692	16,728	(1)	(1)	(1)	(1)	(1)	(1)
Utah	125,185	110,358	205,770	120,973	497,464	635,434	651,922	603,352
Washington	65	2,126	1,405	81	21,022	17,050	14,814	13,134
Other States	1,890	3,239	34,571	21,281	28,701	27,080	28,468	31,296

[1] Included under "Other States."

Source of tables 835 and 836: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 837.—Copper—Smelter and Refinery Output: 1850 to 1944

Note.—Smelter output as here given represents the production of unrefined copper from domestic (including Alaskan) ores. Some copper ore is imported and smelted in this country, but this appears only in the figures of refined copper from imported material in table 835.

[Quantities in millions of pounds; values in thousands of dollars]

Yearly average or year	Smelter output from domestic ore		Year	Smelter output from domestic ore		Refinery output (quantity)			
						New copper			Secondary copper
	Quantity	Value		Quantity	Value	Total	Domestic	Foreign	
1850	1½	320	1921	506	65,221	951	609	341	435
1860	10	3,709	1922	950	128,289	1,256	905	351	672
1870	28	5,997	1923	1,435	210,945	1,980	1,464	516	822
			1924	1,634	214,087	2,260	1,674	586	777
1871–1875	34	8,895	1925	1,675	237,832	2,205	1,683	522	840
1876–1880	50	9,679							
1881–1885	118	17,236	1926	1,740	243,547	2,322	1,731	591	960
1886–1890	226	30,345	1927	1,684	220,609	2,326	1,719	607	980
1891–1895	339	37,266	1928	1,826	262,930	2,488	1,792	696	1,073
			1929	2,003	362,504	2,740	1,983	757	1,253
1896–1900	531	74,424	1930	1,394	181,271	2,157	1,391	766	934
1901–1905	732	103,859	1931	1,043	94,887	1,501	1,075	427	694
1906–1910	980	150,924	1932	544	34,273	681	445	236	496
1911–1915	1,221	185,592	1933	450	28,800	742	481	260	676
1916–1920	1,644	395,270							
			1934	489	39,076	891	466	425	755
1921–1925	1,240	171,275	1935	763	63,295	1,178	677	501	898
1926–1930	1,729	252,172							
1931–1935	658	52,066	1936	1,223	112,499	1,645	1,291	354	969
1936–1940	1,452	155,678	1937	1,669	201,988	2,134	1,645	489	1,064
			1938	1,125	110,216	1,585	1,105	480	720
1915	1,388	242,902	1939	1,425	148,236	2,019	1,410	609	999
1916	1,928	474,288	1940	1,818	205,453	2,627	1,854	773	1,064
1917	1,886	514,911	1941	1,932	227,993	2,791	1,951	840	1,453
1918	1,909	471,408	1942	2,176	[1]256,766	2,829	2,130	700	1,856
1919	1,286	230,274	1943	2,186	[1]257,934	2,759	2,164	594	2,172
1920	1,209	222,467	1944	2,007	[1]236,797	2,442	1,948	495	1,902

[1] Excludes premiums paid to miners by the Government.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 838.—Copper—Exports and Imports: 1891 to 1944

Note.—Exports are those classed as "domestic" in the foreign trade statistics but include copper smelted or refined in the United States from imported ore or unrefined metal. Values include all forms of copper, Quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891–1915 and of imports for years 1894–1903 was estimated.

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

Yearly average or year	Exports		Imports[1]		Year	Exports		Imports[1]	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1891–1895[1]	65,586	14,392	5,477	896	1934	312,743	49,765	199,538	27,786
1896–1900[2]	137,684	36,745	24,634	5,866	1935	302,873	48,933	240,528	33,213
1901–1905[2]	190,451	54,942	83,237	22,611	1936	262,417	50,663	183,788	29,884
1906–1910[2]	289,445	92,334	130,111	38,026	1937	350,317	93,626	227,479	52,562
1911–1915[2]	416,840	123,655	176,635	46,129	1938	422,014	86,809	205,718	37,872
1916–1920[3]	376,877	208,909	244,948	103,805	1939	427,579	97,185	230,669	44,230
1921–1925	438,337	129,761	298,975	77,811	1940	427,944	110,119	364,997	73,492
1926–1930	491,290	149,999	407,630	108,244	1941	158,906	47,690	720,732	141,789
1931–1935	246,658	39,920	211,116	29,662	1942	213,942	82,323	782,379	165,307
1936–1940	378,054	87,680	242,530	47,608	1943	295,698	108,719	737,062	156,514
1933	174,627	24,917	126,639	14,834	1944	237,521	102,697	769,103	166,188

[1] Imports for consumption; general imports prior to 1933.
[2] Fiscal years ended June 30.
[3] Average for period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941 and Bureau of the Census thereafter; annual report, Foreign Commerce and Navigation of the U. S.

No. 839.—Iron Ore—Production, Shipments, Exports, and Imports, 1881 to 1944, and Production, by District and Kind, 1941 to 1944

Note.—In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Blank spaces indicate lack of data. Since 1905, ore containing 5 percent or more of manganese has been excluded.

Yearly average or year	Production	Shipments [1]	Exports	Imports
1881–1890	10,385			766
1891–1900	17,551			587
1901–1910	41,339		271	1,180
1911–1915	51,595	50,592	953	1,841
1916–1920	69,737	70,224	1,143	967
1921–1925	52,429	52,617	677	1,691
1926–1930	64,600	64,952	1,021	2,709
1931–1935	22,732	23,538	389	1,166
1936–1940	54,951	56,054	989	2,338
1936	48,789	51,466	645	2,232
1937	72,094	72,348	1,264	2,442
1938	28,447	26,431	592	2,122
1939	51,732	54,827	1,057	2,413
1940	73,696	75,198	1,386	2,479
1941	92,410	93,054	1,908	2,321
1942	[2] 105,526	105,989	2,515	731
1943	[2] 101,248	99,463	2,425	399
1944	[2] 94,118	95,136	2,158	437

Production	1941	1942	1943	1944
District				
Lake Superior	[3] 78,858	91,005	85,789	79,111
Southeastern and Southwestern	8,146	9,159	8,479	7,122
Northeastern	3,962	3,120	3,468	3,849
Western	1,443	1,599	2,860	3,442
Kind				
Hematite [4]	86,725	99,705	94,418	86,727
Brown ore	1,367	1,637	1,627	1,219
Magnetite [4]	4,317	3,541	4,549	5,579
Carbonate	1	(5)	1	1

[1] Excludes ore sold for paint.
[2] Includes 643 long tons of byproduct ore not included in figures for districts in 1942, 653 in 1943, and 593 in 1944. Similar data not available for earlier years.
[3] Includes a small quantity of ore produced in southern Minn.
[4] Some magnetite included with hematite in all years.
[5] Less than 500.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 840.—Lead, Recoverable—Mine Production, by States and for Alaska: 1920 to 1944

[In short tons (2,000 pounds)]

State	1920	1925	1930	1935	1940	1942	1943	1944
Total	496,814	684,439	558,313	331,103	457,392	496,239	453,313	416,861
Western States and Alaska	248,131	364,387	312,413	193,439	244,974	256,535	231,410	209,018
Alaska	875	789	1,365	670	779	415	200	44
Arizona	6,935	11,938	4,246	7,783	13,266	14,772	13,727	16,707
Colorado	23,315	31,483	22,130	5,673	11,476	15,181	18,032	17,698
Idaho	118,565	125,521	134,058	79,020	104,834	113,909	96,457	83,530
Montana	14,846	18,765	10,653	15,589	23,036	20,050	16,324	13,105
Nevada	10,100	12,238	11,529	12,676	7,499	5,376	4,790	6,605
New Mexico	1,435	3,210	10,378	7,289	3,822	4,608	5,723	7,265
Utah	66,898	153,335	115,495	63,510	75,688	71,930	65,257	52,519
Washington	2,749	2,814	576	103	2,555	4,851	5,022	5,825
Other	2,413	3,294	1,983	1,126	2,019	5,443	5,878	5,720
Central States	245,780	317,375	237,533	132,682	207,587	235,229	217,060	201,577
Kansas	16,452	22,775	12,910	10,892	11,927	9,419	9,213	9,394
Missouri	161,812	211,566	199,632	97,493	172,052	199,548	184,910	174,683
Oklahoma	64,086	79,946	23,052	23,405	21,240	22,806	19,733	13,944
Other	4,430	3,088	1,939	892	2,368	3,456	3,204	3,556
Eastern States	[1] 1,903	2,677	8,367	4,982	4,831	4,475	4,843	6,266
New York					1,973	2,434	2,355	1,644
Tennessee	1,880	448	8,367	4,982	573	238	200	
Virginia		2,229			2,285	1,803	2,288	4,622

[1] Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 841.—Lead—Production of Refined Primary and Secondary Lead, 1830 to 1944, and by Class and Source, 1880 to 1944

Note.—Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. Figures, except those for antimonial and secondary lead, relate to new (primary) lead only; totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead exclude lead content of antimonial lead, shown in next to last column

YEAR	Production	Value	YEAR	Production	Value	YEAR	Production	Value
1830	8,000	608	1910	470,272	41,384	1927	796,530	100,353
1840	17,000	1,666	1911	486,979	43,828	1928	781,071	90,604
1850	22,000	2,112	1912	480,894	43,280	1929	774,633	97,604
1860	15,600	1,778	1913	462,460	40,696	1930	643,033	64,303
1870	17,830	2,247	1914	542,122	42,286	1931	442,764	32,765
1880	95,725	9,573	1915	550,055	51,705	1932	281,941	16,916
1890	157,844	14,206	1916	571,134	78,817	1933	263,676	19,512
1895	235,822	15,093	1917	610,769	105,052	1934	311,236	23,031
1900	367,773	32,364	1918	640,195	90,908	1935	324,560	25,965
1902	367,892	30,167	1919	482,220	51,115	1936	399,156	36,722
1903	368,939	30,991	1920	529,657	84,745	1937	467,317	55,143
1904	393,452	33,837	1921	448,589	40,373	1938	383,669	35,298
1905	388,307	36,501	1922	532,662	58,593	1939	484,035	45,499
1906	404,746	46,141	1923	618,322	86,565	1940	533,179	53,318
1907	413,389	43,819	1924	690,493	110,479	1941	570,967	65,090
1908	396,564	33,311	1925	766,989	133,453	1942	566,839	71,422
1909	446,909	38,434	1926	798,941	127,831	1943	469,612	60,110
						1944	464,763	59,490

YEAR	CLASS		SOURCE			Average value per pound	Antimonial lead, at primary refineries	Secondary lead recovered, total
	Desilverized [1] [2]	Soft undesilverized [2]	Domestic ores and bullion [3]	Foreign ores	Foreign base bullion			
1880	68,035	27,690	95,725			$0.050	(4)	
1890	126,493	31,351	139,720	18,124		.045	(4)	
1900	319,752	48,021	260,918	106,855		.044	(4)	
1910	328,954	141,318	375,402	18,065	76,805	.044	(4)	55,422
1920	339,803	189,854	476,849	8,414	44,394	.080	(4)	124,650
1930	441,672	201,361	573,740	34,348	34,945	.050	24,797	255,800
1935	227,777	96,783	310,505	13,659	396	.040	16,384	276,400
1940	379,856	153,323	433,065	83,563	16,551	.050	29,762	260,346
1941	406,257	164,710	470,517	74,166	26,284	.057	40,237	397,416
1942	(4)	(4)	467,367	81,485	17,987	.063	51,762	323,011
1943	(4)	(4)	406,544	62,936	132	.064	63,515	342,094
1944	(4)	(4)	394,443	70,225	95	.064	57,902	331,416

[1] Desilverized soft lead is included.
[2] Soft lead, both desilverized and undesilverized, includes lead derived from Missouri ores and other nonargentiferous ores. [3] Excludes lead content of antimonial lead. [4] Not available.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 842.—Lead—Apparent Shipments of Refined Primary Pig to Domestic Consumers: 1935 to 1944

[In short tons (2,000 pounds). Figures are approximate]

ITEM	1935	1940	1941	1942	1943	1944
Supply, total	325,882	683,068	845,156	963,270	1,001,261	897,860
Stocks at primary refineries, Jan. 1	(1)	(1)	(1)	[2] 12,000	39,255	36,464
Government-owned stocks, Jan. 1 [3]				17,934	248,361	173,875
Production	324,560	533,179	570,967	566,839	469,612	464,763
Imports	[4] 1,322	149,889	274,189	366,497	244,033	222,758
Withdrawn, total	6,982	49,079	32,293	293,430	223,600	122,765
Stocks at primary refineries, Dec. 31	(1)	(1)	(1)	39,255	36,464	16,788
Government-owned stocks, Dec. 31			17,934	248,361	173,875	90,454
Exports	6,982	[5] 49,079	14,359	[5] 5,814	[5] 13,261	15,523
Apparent shipments to domestic consumers	318,900	633,989	812,863	669,840	777,661	775,095

[1] Figures not available.
[2] Estimate based upon American Bureau of Metal Statistics data.
[3] Data from Tin-Lead Division of the War Production Board.
[4] Includes some old, reclaimed, and scrap lead.
[5] Includes reexports of foreign refined lead.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 843.—Zinc—Production of Ore, by States, Smelter Production, and Primary Slab Zinc Available for Consumption: 1920 to 1944

Note.—The excess of mine production over smelter production is due chiefly to export of ore.

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars]

Item	1920	1925	1930	1935	1940	1942	1943	1944
Mine production (recoverable zinc content of ore)	587,524	710,847	595,425	517,903	665,068	768,025	744,196	718,642
Arizona	729	3,666	815	3,337	15,456	18,522	19,677	29,077
Colorado	24,395	30,811	36,259	1,202	5,060	32,215	44,094	39,955
Idaho	13,966	15,619	37,649	31,053	70,601	87,256	86,707	91,372
Kansas	61,073	118,778	74,304	54,110	57,032	55,874	56,944	63,703
Missouri	24,509	14,794	10,811	7,263	12,703	36,394	30,413	36,626
Montana	92,169	57,658	26,421	54,781	52,587	54,715	37,606	36,127
Nevada	5,349	7,411	14,584	15,536	11,833	10,197	13,647	20,699
New Jersey	78,511	89,261	97,626	85,708	91,406	94,040	92,864	80,288
New Mexico	5,007	9,246	32,765	22,126	30,313	46,461	59,524	50,727
New York	5,654	5,158	22,471	23,720	35,686	45,807	46,000	35,541
Oklahoma	219,727	283,371	136,153	129,763	162,935	146,510	114,085	91,449
Tennessee	19,217	16,256	[1] 48,147	[1] 48,832	[1] 51,723	[1] 59,962	[1] 60,369	[1] 60,498
Utah	4,079	26,306	44,495	31,107	43,788	45,543	46,896	38,994
Washington	213	609	352	1	11,560	14,398	12,203	11,904
Wisconsin	27,285	20,230	12,558	8,923	5,770	9,426	14,387	15,549
Other States	5,641	11,673	15	441	6,615	10,705	8,780	16,133
Smelter production (excluding remelted secondary zinc)	484,748	612,127	532,894	449,284	724,192	945,067	990,524	918,339
Primary zinc	463,377	572,946	498,045	420,634	675,275	891,872	942,309	869,302
From domestic ore	450,045	555,631	489,361	412,184	589,988	629,957	594,250	574,453
From foreign ore	13,332	17,315	8,684	[2] 8,450	[2] 85,287	[2] 261,915	[2] 348,059	[2] 294,849
Secondary, redistilled	21,371	39,181	[3] 34,849	28,650	48,917	53,195	48,215	49,037
Value of primary product from domestic ore ($1,000)	72,907	84,456	46,979	36,272	74,338	[4] 109,613	[4] 102,211	[4] 98,806
Primary slab zinc:								
Supply, total	500,170	593,700	584,230	549,861	775,471	947,374	1,072,481	1,099,628
Stock at smelters, Jan. 1	36,793	20,754	85,904	124,783	83,728	24,212	82,498	168,777
Production	463,377	572,946	498,045	420,634	675,275	886,810	933,828	867,225
Imports for consumption	([5])	([5])	281	4,444	[6] 16,468	[6] 36,352	[6] 56,155	[6] 63,626
Deductions:								
Exports	102,178	76,351	4,633	1,617	79,091	133,938	97,439	21,576
Stock at smelters, Dec. 31	71,037	13,080	167,293	90,539	19,212	82,498	168,790	233,044
Apparent deliveries to domestic consumers	326,955	504,269	412,304	457,705	677,168	730,938	806,252	845,008

[1] Includes Virginia.
[2] From Mexico in 1935; from Mexico, Canada, Newfoundland, and Peru in 1940-41; from Mexico, Canada, Argentina, Newfoundland, Australia, and Peru in 1942; from Canada, Mexico, and Australia in 1943; and from Mexico, Canada, Australia, Newfoundland, and Argentina in 1944.
[3] Includes small quantity of secondary electrolytic zinc.
[4] Excludes premiums paid to miners by the Government.
[5] Less than one-half of 1 ton. [6] General imports.

No. 844.—Zinc, Primary—Smelter Production From Domestic Ore: 1875 to 1944

[Quantities in short tons (2,000 pounds); values[1] in thousands of dollars]

Yearly average or year	Quantity	Value	Yearly average or year	Quantity	Value	Year	Quantity	Value
1875	15,833	[2] 2,217	1921-1925	426,261	56,149	1935	412,184	36,272
1880[3]	23,239	2,277	1926-1930	576,395	73,119	1936	491,803	49,180
1885	40,688	3,540	1931-1935	314,541	25,432	1937	551,165	71,651
1886-1890	54,285	5,219	1936-1940	512,004	57,619	1938	436,007	41,857
1891-1895	82,396	6,787	1929	612,136	80,802	1939	491,058	51,070
1896-1900	109,963	10,180	1930	489,361	46,979	1940	589,988	74,338
1901-1905	169,504	17,067	1931	291,996	22,192	1941	652,599	97,890
1906-1910	219,378	24,165	1932	207,148	12,429	1942	629,957	[4] 109,613
1911-1915	346,867	52,416	1933	306,010	25,705	1943	594,250	[4] 102,211
1916-1920	508,731	99,812	1934	355,366	30,561	1944	574,453	[4] 98,806

[1] Values at New York prices through 1907; at St. Louis prices, 1908 to 1914; at average price of all grades, 1915 and later years.
[2] Computed at yearly average of high and low monthly prices at New York.
[3] Census year ended May 31. [4] Excludes premiums paid to miners by the Government.

Source of tables 843 and 844: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 845.—Gold and Silver—Production in Continental United States, Alaska, Puerto Rico, and Philippine Islands: 1792 to 1944

Note.—The value of gold, in terms of money, being at a fixed rate, is not shown in the table. Gold is valued at $20.67+ per fine troy ounce from 1837 through 1933. In 1933, however, varying higher prices prevailed subsequent to the Executive order of August 29. The value of gold production for 1933, as computed by the Bureau of Mines, was $65,338,000, including $52,842,000 calculated at legal coinage value ($20.67+ per ounce) plus $12,485,000 premium calculated at average weighted price ($25.56 per ounce). On Jan. 31, 1934, the legal value of gold was fixed at $35 per fine ounce. The value of silver given is commercial value, except for 1921 to June 1923 and beginning 1934 (see footnotes 1 and 2), which has differed materially from coinage value.

[Figures are totals for period or for year]

Calendar year or period	Gold, 1,000 fine ounces	Silver, 1,000 fine ounces	Silver, value, 1,000 dollars	Calendar year	Gold, 1,000 fine ounces	Silver, 1,000 fine ounces	Silver, value, 1,000 dollars
1792-1847	1,187	310	405	1913	4,300	66,802	40,348
1848-1850	4,838	116	152	1914	4,573	72,455	40,068
1851-1855	14,271	194	259	1915	4,888	74,961	37,397
1856-1860	12,384	309	418	1916	4,479	74,415	48,953
1861-1865	10,716	28,811	38,674	1917	4,051	71,740	59,078
1866-1870	12,226	49,113	65,261	1918	3,321	67,810	66,485
1871-1875	8,826	121,083	166,270	1919	2,919	56,682	63,534
1876-1880	10,301	157,681	182,506	1920	2,476	55,362	60,802
1881-1885	7,730	182,841	202,807	1921	2,422	53,052	[1] 53,052
1886-1890	8,078	231,819	227,495	1922	2,363	56,240	[1] 56,240
1891-1895	9,107	287,057	227,960	1923	2,503	73,335	[1] 60,135
1896-1900	15,729	279,544	172,689	1924	2,529	65,407	43,823
1901-1905	19,394	278,798	159,543	1925	2,412	66,155	45,912
1906-1910	22,993	277,333	162,916	1926	2,335	62,719	39,136
1911-1915	22,968	338,384	189,626	1927	2,197	60,434	34,266
1916-1920	17,246	326,009	298,852	1928	2,233	58,463	34,201
1921-1925	12,229	314,190	259,162	1929	2,208	61,328	32,688
1926-1930	11,259	293,692	159,829	1930	2,286	50,748	19,538
1931-1935	14,102	156,565	77,948	1931	2,396	30,932	8,970
1900	3,830	57,647	35,741	1932	2,449	23,981	6,763
1901	3,806	55,214	33,128	1933	2,556	23,003	8,051
1902	3,870	55,500	29,415	1934	3,091	32,725	[2] 21,156
1903	3,560	54,300	29,322	1935	3,609	45,924	[2] 33,008
1904	3,892	57,683	33,456	1936	4,357	63,812	[2] 49,423
1905	4,266	56,102	34,222	1937	4,805	71,942	[2] 55,647
1906	4,565	56,518	38,256	1938	5,090	62,665	[2] 40,511
1907	4,375	56,515	37,300	1939	5,611	65,120	[2] 44,202
1908	4,574	52,441	28,051	1940	6,003	69,586	[2] 49,483
1909	4,822	54,722	28,455	1941	5,976	72,336	[2] 51,439
1910	4,657	57,138	30,865	1942	3,742	56,091	[2] 39,887
1911	4,687	60,399	32,616	1943	1,395	40,900	[2] 29,085
1912	4,521	63,767	39,198	1944	1,022	35,651	[2] 25,352

State or territory	Gold, 1,000 fine ounces					Silver, 1,000 fine ounces					Silver, value, 1944 (1,000 dollars)[2]
	1930	1940	1942	1943	1944	1930	1940	1942	1943	1944	
Total	2,286	6,003	3,742	1,395	1,022	50,748	69,586	56,091	40,900	35,651	25,352
Alaska	407	757	503	110	51	392	173	143	46	15	11
Arizona	149	299	257	174	128	4,910	6,130	6,983	5,624	4,674	3,324
California	450	1,444	894	149	116	1,434	2,225	1,481	577	792	563
Colorado	218	369	290	134	111	4,852	9,378	3,964	2,670	2,136	1,519
Idaho	21	145	99	30	22	9,710	17,477	14,195	11,420	10,645	7,570
Michigan	------	------	------	------	------	11	90	54	62	54	38
Missouri	------	------	------	------	------	------	------	28	111	104	74
Montana	47	273	157	61	49	8,597	12,152	10,898	8,164	6,669	4,743
Nevada	140	380	300	141	116	4,179	5,102	4,339	1,824	1,408	1,001
New Mexico	32	39	17	11	12	1,160	1,576	893	456	545	388
Oregon	14	114	51	2	1	10	192	138	31	19	13
South Dakota	406	587	535	114	11	105	171	192	44	5	4
Texas	(3)	(3)	(3)	(3)	(3)	469	1,295	791	60	21	15
Utah	209	352	391	382	354	14,451	11,686	11,277	9,295	8,105	5,763
Washington	4	84	74	60	50	30	389	381	400	317	226
Philippine Islands	185	1,140	159	14	------	121	1,299	231	26	------	------
Other	3	20	15	3	3	317	251	103	89	141	100

[1] For 1921, 1922, and first half of 1923 price is taken at the figure of $1 per ounce fixed by the Pittman Act.
[2] Value 1934-37 calculated on basis of average amount per ounce returned to depositors of newly-mined domestic silver: 1934, $0.64+ per fine ounce; 1935, $0.71875; 1936, $0.7745; 1937, $0.7735. Value thereafter calculated on basis of amount per fine ounce returned to depositors of newly-mined domestic silver produced: In 1938, $0.6464+; 1939, $0.6787+; 1940-44, $0.7111+.
[3] Less than 500 ounces.

Source: Treasury Department, Bureau of the Mint; Annual Report of the Director.

No. 846.—Gold and Silver for Use in Manufactures and the Arts

Yearly average or year	Gold in thousands of dollars[1]					Silver in thousands of fine ounces				
	New material			Old material	Grand total	New material			Old material	Grand total
	United States coin	Bullion and foreign coin	Total			United States coin	Bullion and foreign coin	Total		
1880	3,300	5,511	8,811	1,294	10,105	464	2,126	2,590	204	2,794
1881-1885	3,715	6,991	10,706	1,863	12,568	155	3,685	3,840	315	4,155
1886-1890	3,500	8,512	12,012	4,029	16,041	155	4,831	4,986	676	5,662
1891-1895	3,500	7,948	11,448	5,060	16,508	108	6,938	7,046	951	7,997
1896-1900	3,500	9,399	12,899	4,067	16,965	77	8,937	9,014	1,200	10,214
1901-1905	3,500	18,218	21,718	6,778	28,496	77	16,447	16,524	3,002	19,526
1906-1910	3,500	26,941	30,441	7,708	38,149	77	20,807	20,884	3,669	24,553
1911-1915	2,500	28,121	30,621	9,967	40,588	77	23,438	23,516	6,928	30,444
1916-1920	1,000	38,831	39,831	22,033	61,864	77	22,011	22,089	9,126	31,214
1921-1925	1,000	29,321	30,321	29,275	59,596	77	28,538	28,616	8,189	36,805
1926-1930	1,000	23,747	24,747	30,450	55,197	77	28,059	28,137	10,325	38,461
1931-1935	420	[1] *20,521*	[2] *20,101*	41,389	21,288	77	13,200	13,278	20,353	33,631
1936	.....	[1] *2,908*	[1] *2,908*	35,876	32,968	77	19,062	19,139	16,703	35,843
1937	.....	3,214	3,214	36,408	39,622	77	27,650	27,727	23,565	51,292
1938	.....	[1] *524*	[1] *524*	30,481	30,157	77	20,104	20,182	18,439	38,620
1939	.....	7,461	7,461	31,328	38,789	77	44,536	44,613	24,972	69,585
1940	.....	13,306	13,306	27,872	41,178	77	44,422	44,499	22,564	67,063
1941	.....	37,002	37,002	30,975	67,977	77	72,432	72,509	20,285	92,794
1942	.....	47,295	47,295	28,448	75,742	77	101,321	101,399	30,021	131,419
1943	.....	86,343	86,343	10,521	96,864	77	117,023	118,000	44,113	162,113
1944	.....	110,540	110,540	25,679	136,219	77	120,023	120,100	56,189	176,289

[1] Value prior to 1934 calculated on basis of $20.67+ per fine ounce; in 1934 and thereafter, $35.00 per fine ounce. [2] Excess of return from industry over new material issued to industry.

No. 847.—Silver—Prices, London and New York, and Value in the Dollar: 1835 to 1944

Note.—The London price is converted to the basis of the ounce 1,000 fine and converted to American money at par of exchange through 1930; thereafter, at the current rate of exchange. London quotations are in depreciated currency after Sept. 21, 1931, also in some prior year periods, including 1918 to 1924. New York quotations are in depreciated currency after early March 1933. The commercial ratio is computed on the basis of London quotations through 1914; thereafter, on the basis of the New York average price. Beginning with 1934 the monetary value of gold is $35.00 per fine ounce as compared with $20.67+ in previous years. The value of fine silver (371¼ grains) in the dollar is computed on the basis of London quotations through 1917; thereafter, on the basis of the New York average price.

[All figures, except "Commercial ratio to gold," expressed in dollars]

Calendar year	London, per fine ounce	New York, per fine ounce			Commercial ratio to gold	Value of silver in dollar	Calendar year	London, per fine ounce	New York, per fine ounce			Commercial ratio to gold	Value of silver in dollar
		Average	High	Low					Average	High	Low		
1835	1.308	.....	.....	.....	15.80	.....	1916	0.686	0.672	0.791	0.573	30.78	0.531
1840	1.323	.....	.....	.....	15.62	1.023	1917	.895	.840	1.165	.731	24.61	.692
1845	1.298	.....	.....	.....	15.92	1.004	1918	1.042	.984	1.019	.889	21.00	.761
1850	1.316	.....	.....	.....	15.70	1.018	1919	1.250	1.121	1.383	1.014	18.44	.867
1855	1.344	.....	.....	.....	15.38	1.039	1920	1.346	1.019	1.379	.604	20.28	.788
1860	1.352	.....	.....	.....	15.29	1.045	1921	.805	.631	.738	.532	32.76	.488
1865	1.338	.....	.....	.....	15.44	1.035	1922	.754	.679	.742	.629	30.43	.525
1870	1.328	.....	.....	.....	15.57	1.027	1923	.700	.652	.690	.629	31.69	.505
1875	1.242	1.239	1.261	1.210	16.64	.961	1924	.745	.671	.724	.630	30.80	.519
1880	1.145	1.139	1.150	1.113	18.05	.886	1925	.703	.694	.732	.668	29.78	.537
1885	1.065	1.064	1.095	1.028	19.41	.824	1926	.629	.624	.689	.518	33.11	.483
1890	1.046	1.053	1.205	.958	19.75	.809	1927	.571	.567	.603	.542	36.47	.438
1895	.654	.663	.690	.600	31.60	.506	1928	.586	.585	.639	.568	35.34	.452
1900	.620	.621	.658	.598	33.33	.480	1929	.536	.533	.578	.468	38.78	.412
1901	.596	.597	.645	.548	34.68	.461	1930	.387	.385	.472	.311	53.74	.298
1902	.528	.528	.569	.474	39.15	.408	1931	.292	.290	.376	.261	71.25	.224
1903	.543	.542	.624	.475	38.10	.420	1932	.281	.282	.313	.246	73.29	.218
1904	.579	.578	.625	.534	35.70	.448	1933	.346	.350	.453	.248	59.06	.271
1905	.610	.610	.665	.556	33.87	.472	1934	.481	.483	.561	.421	72.49	.373
1906	.677	.674	.724	.631	30.54	.524	1935	.639	.646	.813	.501	54.19	.500
1907	.662	.660	.710	.528	31.24	.512	1936	.449	.454	.501	.451	77.09	.351
1908	.535	.535	.589	.483	38.64	.414	1937	.447	.452	.471	.451	77.44	.350
1909	.520	.522	.545	.508	39.74	.402	1938	.430	.435	.451	.431	80.39	.337
1910	.541	.542	.576	.508	38.22	.418	1939	.408	.394	.431	.351	88.84	.305
1911	.539	.540	.575	.521	38.33	.417	1940	.384	.351	.352	.351	99.76	.271
1912	.615	.620	.656	.553	33.62	.475	1941	.425	.351	.354	.351	99.73	.271
1913	.605	.612	.651	.580	34.19	.468	1942	.427	.386	.451	.354	90.57	.298
1914	.553	.563	.609	.490	37.37	.428	1943	.427	.451	.451	.451	77.67	.349
1915	.519	.511	.580	.478	40.48	.401	1944	.427	.451	.451	.451	77.67	.349

Source of tables 846 and 847: Treasury Dept., Bureau of the Mint; Annual Report of the Director

No. 848.—Coke—Production, Exports, and Imports: 1896 to 1944

Yearly average or year	Production in thousands of short tons (2,000 pounds)			By-product ovens, percent of total	Production (value) in thousands of dollars	Exports	Imports [1]
	Total	Beehive ovens	By-product ovens			Thousand of short tons (2,000 pounds)	
1896–1900	16,265	15,741	524	3.2	30,293	265	54
1901–1905	25,673	23,566	2,107	8.2	58,581	519	150
1906–1910	36,848	31,296	5,552	15.1	91,068	904	159
1911–1915	40,394	29,000	11,394	28.2	103,739	897	98
1916–1920	52,429	27,733	24,696	47.1	320,799	1,182	34
1921–1925	42,985	11,026	31,959	74.4	251,967	734	99
1926–1930	53,724	6,687	47,037	87.6	262,212	1,027	171
1931–1935	29,965	927	29,038	96.9	145,035	716	171
1936–1940	46,509	2,042	44,467	95.8	229,455	616	201
1930	47,972	2,776	45,196	94.2	209,137	1,004	133
1931	33,484	1,128	32,356	96.6	161,609	754	100
1932	21,789	652	21,137	97.0	104,337	630	117
1933	27,589	911	26,678	96.7	122,951	638	161
1934	31,822	1,029	30,793	96.8	159,426	943	161
1935	35,141	917	34,224	97.4	176,853	614	317
1936	46,275	1,706	44,569	96.3	232,374	670	330
1937	52,375	3,165	49,211	94.0	261,004	527	286
1938	32,496	837	31,658	97.4	167,182	487	135
1939	44,327	1,444	42,882	96.7	212,884	590	142
1940	57,072	3,058	54,014	94.6	273,832	804	113
1941	65,187	6,704	58,482	89.7	352,967	709	268
1942	70,569	8,274	62,295	88.3	425,614	840	109
1943	71,676	7,933	63,743	88.9	476,117	995	98
1944	74,038	6,973	67,065	90.6	527,922	867	63

[1] Before 1934, figures represent general imports; thereafter, imports entered for consumption.

No. 849.—Coke—Byproduct and Beehive Production, by States: 1915 to 1944

[In thousands of short tons (2,000 pounds). Exclusive of screenings or breeze]

State	1915	1920	1925	1930	1935	1940	1942	1943	1944
Byproduct									
Total	14,073	30,834	39,912	45,196	34,224	54,014	62,295	63,743	67,065
Alabama	2,070	3,124	4,582	3,987	1,994	4,727	5,580	5,316	5,728
Colorado	-------	517	490	379	207	544	676	673	651
Illinois	1,687	2,137	3,012	3,576	1,669	3,015	3,690	3,625	3,879
Indiana	2,768	4,554	5,142	4,984	3,768	6,413	7,338	8,112	8,821
Maryland	313	682	1,019	1,169	930	1,683	2,104	2,060	2,058
Massachusetts	504	488	535	863	1,006	1,130	1,176	1,174	1,178
Michigan	(1)	1,393	1,751	2,604	2,482	2,872	3,130	2,948	3,005
Minnesota	128	675	518	641	430	524	955	956	894
New Jersey	269	726	904	919	917	1,016	1,038	1,014	1,023
New York	684	1,040	2,220	3,850	4,099	5,080	5,180	5,347	6,103
Ohio	666	5,615	7,105	6,163	5,101	7,898	9,913	10,271	10,339
Pennsylvania	3,092	7,730	9,853	12,529	8,078	14,862	16,310	16,519	16,977
West Virginia	141	447	1,056	1,479	1,604	1,900	2,444	2,612	2,638
All other States	1,749	1,706	1,725	2,051	1,939	2,350	2,751	3,114	3,773
Beehive									
Total	27,508	20,511	11,355	2,776	917	3,058	8,274	7,933	6,973
Pennsylvania	22,531	15,908	9,574	2,011	564	2,550	7,309	6,934	6,171
Ohio	19	87	156	-------	-------	-------	-------	-------	-------
West Virginia	1,250	1,381	490	422	155	233	335	424	379
Alabama	1,001	890	88	-------	-------	-------	95	35	-------
Kentucky	285	273	(1)	-------	-------	(1)	1	29	68
Tennessee	234	163	128	25	3	5	73	49	9
Virginia	630	1,028	422	220	138	198	351	293	243
Colorado	671	273	155	79	49	62	87	85	82
Utah	(1)	(1)	146	7	6	7	22	84	21
All other States	887	509	196	12	2	1	-------	-------	-------

[1] Included in figure for "all other States."

Source of tables 848 and 849: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 850.—Coal—Production, 1821 to 1944, and by States, 1916 to 1944

Note.—Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Figures relate to mines having an output of 1,000 tons or more a year for 1919, 1921, 1924 and subsequent years. Includes coal consumed at mines. Figures for anthracite relate to Pennsylvania output only; those for bituminous relate to continental United States and Alaska. Bituminous coal includes lignite and small amounts of anthracite outside Pennsylvania. Comparatively little coal is held in stock at the mines.

Year or yearly average	Quantity			Year	Quantity			Value	
	Total	Anthracite	Bituminous [1]		Total	Anthracite	Bituminous	Anthracite	Bituminous [1]
1821-1830	140	66	75	1922	476,951	54,683	422,268	273,700	1,274,820
1831-1840	1,032	722	310	1923	657,904	93,339	564,565	506,787	1,514,621
1841-1850	4,535	2,697	1,837	1924	571,613	87,927	483,687	477,231	1,062,626
1851-1860	12,513	7,645	4,868	1925	581,870	61,817	520,053	327,665	1,060,402
1861-1865	20,538	11,142	9,396	1926	657,804	84,437	573,367	474,164	1,183,412
1866-1870	31,706	16,281	15,425	1927	597,859	80,096	517,763	420,942	1,029,657
1871-1875	52,179	23,407	28,773	1928	576,093	75,348	500,745	393,638	933,774
1876-1880	62,261	25,800	36,461	1929	608,817	73,828	534,989	385,643	952,781
1881-1885	107,291	36,198	71,093	1930	536,911	69,385	467,526	354,574	795,483
1886-1890	138,398	43,952	94,446	1931	441,735	59,646	382,089	296,355	588,895
1891-1895	178,822	53,405	125,416	1932	359,565	49,855	309,710	222,375	406,677
1896-1900	227,123	55,625	171,498	1933	383,172	49,541	333,631	206,718	445,788
1901-1905	339,357	66,854	272,503	1934	416,536	57,168	359,368	244,152	628,383
1906-1910	454,555	81,142	373,413	1935	424,532	52,159	372,373	210,131	658,063
1911-1915	529,189	89,233	439,956	1936	493,668	54,580	439,088	227,004	770,955
1916-1920	626,386	92,741	533,645	1937	497,387	51,856	445,531	197,599	864,042
1921-1925	558,947	77,648	481,299	1938	394,644	46,099	348,545	180,600	678,653
1926-1930	595,497	76,619	518,878	1939	446,342	51,487	394,855	187,175	728,348
1931-1935	405,108	53,674	351,434	1940	512,257	51,485	460,772	205,490	879,327
1936-1940	468,860	51,101	417,758	1941	570,518	56,368	514,149	240,275	1,125,363
1918	678,212	98,826	579,386	1942	643,021	60,328	582,693	271,673	1,373,991
1919	553,952	88,092	465,860	1943	650,821	60,644	590,177	306,816	1,584,644
1920	658,265	89,598	568,667	1944	683,701	63,701	[2]620,000	354,583	[2]1,819,753
1921	506,395	90,473	415,922						

State	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941	1942	1943	1944
Total quantity	626,386	558,947	595,497	405,108	468,860	570,518	643,021	650,821	683,701
Anthracite (Pa.)	92,741	77,648	76,619	53,674	51,101	56,368	60,328	60,644	63,701
Bituminous	533,645	481,299	518,878	351,434	417,758	514,149	582,693	590,177	[2]620,000
Alabama	17,834	18,097	18,380	9,252	12,620	15,465	19,301	17,160	18,995
Arkansas	1,980	1,261	1,579	1,012	1,387	1,574	1,985	1,718	[3] 4,710
Colorado	11,595	10,049	9,665	5,711	6,435	6,949	8,086	8,324	8,110
Illinois	78,255	68,523	57,310	40,198	48,367	54,703	65,071	72,631	76,960
Indiana	25,515	21,677	18,467	14,386	17,232	22,484	25,388	25,065	28,140
Iowa	7,571	4,952	3,879	3,492	3,376	2,939	2,948	2,771	2,690
Kansas	6,556	3,927	3,215	2,270	2,949	4,008	4,230	3,437	[4] 8,140
Kentucky	30,108	43,743	61,116	38,130	44,970	53,710	62,231	63,211	68,237
Maryland	4,158	2,033	2,700	1,654	1,496	1,701	2,001	1,933	1,960
Michigan	1,301	976	705	492	510	311	231	169	160
Missouri	5,086	3,011	3,538	3,624	3,577	3,145	3,520	4,310	([5])
Montana	4,008	2,881	3,139	2,396	2,871	3,254	3,829	4,833	4,880
New Mexico	3,728	2,772	2,612	1,338	1,378	1,251	1,669	1,851	1,795
North Dakota	787	1,221	1,622	1,750	2,161	2,309	2,537	2,500	[6] 2,520
Ohio	40,609	31,590	21,111	19,151	22,188	29,319	32,764	32,255	33,940
Oklahoma	4,292	2,741	3,346	1,368	1,444	1,771	2,387	2,838	([7])
Pennsylvania	168,532	133,721	137,088	86,592	101,556	130,240	144,073	141,050	148,800
Tennessee	6,208	5,078	5,544	4,062	5,197	7,045	8,158	7,179	7,400
Texas	1,980	1,084	1,107	738	816	353	304	153	130
Utah	4,693	4,593	4,683	2,846	3,373	4,077	5,517	6,666	7,120
Virginia	10,158	10,648	12,521	8,923	13,324	18,441	20,136	20,280	19,900
Washington	3,576	2,626	2,513	1,555	1,744	1,841	1,953	1,528	1,515
West Virginia	86,369	97,044	136,315	95,748	112,932	140,250	155,882	158,804	163,845
Wyoming	8,555	6,812	6,526	4,545	5,617	6,646	8,133	9,155	9,665
Other States and Alaska	190	239	246	201	238	364	359	356	388

[1] Excludes selling expenses through 1936 and for 1939. Data for other years include selling expenses.
[2] Preliminary. [3] Includes Oklahoma. [4] Includes Missouri.
[5] Included with Kansas. [6] Includes South Dakota. [7] Included with Arkansas.

Source: Department of the Interior, Bureau of Mines. Data now compiled in cooperation with Solid Fuels Administration. Published in Minerals Yearbook.

No. 851.—Coal—Exports, Imports, and Bunker Coal Laden on Vessels in Foreign Trade: 1891 to 1944

[Quantities in thousands of long tons (2,240 pounds); values in thousands of dollars]

Yearly average or year	Total exports [1]		Anthracite exports		Bituminous exports [1]		Total imports [2]		Bunker coal	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891-1895 [3]	3,028	10,012	1,128	4,929	1,900	5,081	1,237	3,984	--------	--------
1896-1900 [3]	4,710	13,300	1,469	6,268	3,241	7,032	1,403	3,831	--------	--------
1901-1905 [3]	7,750	24,254	1,846	8,782	5,903	15,472	2,287	6,376	--------	--------
1906-1910 [4]	12,018	36,805	2,646	13,034	9,372	23,770	1,727	4,530	[5] 5,638	[5] 18,291
1911-1915	19,132	58,362	3,753	19,624	15,379	38,738	1,437	4,069	7,289	23,890
1916-1920	27,160	151,356	4,647	32,960	22,513	118,396	1,258	5,788	7,389	43,975
1921-1925	19,852	124,958	3,502	38,476	16,350	86,482	1,833	11,364	4,908	31,588
1926-1930	21,322	115,057	2,973	32,750	18,349	82,308	865	5,717	4.353	23,126
1931-1935	10,288	47,942	1,254	12,487	9,034	35,455	672	4,295	1,385	6,709
1934	10,863	51,464	1,159	11,082	9,704	40,382	[6] 593	[6] 4,190	1,179	5,798
1935	10,135	48,424	1,436	13,186	8,699	35,238	[6] 690	[6] 4,276	1,407	7,338
1936	11,012	52,381	1,498	13,775	9,513	38,606	[6] 791	[6] 4,570	1,448	7,463
1937	13,445	63.617	1,709	14,796	11,736	48,821	[6] 584	[6] 2,946	1,635	8,840
1938	11,071	52,739	1,704	14,635	9,366	38,105	[6] 539	[6] 3,267	1,208	6,557
1939	12,661	62,698	2,313	19,920	10,349	42.778	[6] 583	[6] 3,376	1,318	7,131
1940	17,084	82,043	2,382	21,210	14,702	60,832	[6] 453	[6] 2,477	1,273	6,859
1941	21,536	113,704	3,018	27,691	18,518	86,013	[6] 415	[6] 2,150	1,467	8,900
1942	24,448	144,453	3,963	38,287	20,485	106,165	[6] 570	[6] 3,066	1,415	9,411
1943	26,763	163,023	3,695	37,842	23,068	125,182	[6] 825	[6] 4,464	1,470	10,496
1944	26,981	172,910	3,737	40,580	23,243	132,330	[6] 576	[6] 3,071	1,392	9,940

[1] Not including fuel or bunker coal laden on vessels engaged in foreign trade.
[2] Including lignite, slack, and culm. [3] Fiscal years ended June 30. [4] Average, July 1, 1905–Dec. 31, 1910.
[5] Not including data for coal laden on vessels on Great Lakes in 1906, 1907, and 1908.
[6] Imports for consumption; general imports prior to 1933.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce through April 1941; Bureau of Census thereafter. Annual report, Foreign Commerce and Navigation.

No. 852.—Coal—Shipments, Value, and Employment in Mines: 1890 to 1944

Calendar year	Disposition of coal produced thousand tons (2,000 pounds)				Average value per ton at mines (1)	Average number of men employed	Average number of days worked	Average tonnage per man—		Percent mined by machine (2)	Capacity of mines [3] (million tons [4])
	Loaded for shipment	Sold locally	Used by mines	Made into coke at mines				Per day	Per year		
Anthracite											
1890	41,011	2,001	3,457	--------	$1.43	126,000	200	1.85	369	(5)	71
1895	52,093	1,315	4,591	--------	1.41	142,917	196	2.07	406	(5)	90
1900	50,710	1,208	5,550	--------	1.49	144,206	166	2.40	398	(5)	105
1905	69,053	1,571	7,036	--------	1.83	165,406	215	2.18	470	(5)	110
1910	73,623	2,021	8,841	--------	1.90	169,497	229	2.17	498	(5)	112
1915	76,906	2,092	9,997	--------	2.07	176,552	230	2.19	504	1.5	118
1920	76,844	2,897	9,868	--------	4.85	145,074	271	2.28	618	1.1	101
1925	53,768	2,885	5,164	--------	5.30	160,312	182	2.12	386	1.6	103
1930	61,202	3,144	5,038	--------	5.11	150,804	208	2.21	460	2.0	90
1935	46,538	2,875	2,746	--------	4.03	103,269	189	2.68	505	3.5	84
1940	46,176	3,053	2,256	--------	3.99	91,313	186	3.02	562	3.5	84
1942	53,910	4,059	2,359	--------	4.50	82,121	239	2.95	705	3.8	74
1943	54,036	4,234	2,374	--------	5.06	79,153	270	2.78	751	2.7	67
1944	57,641	3,766	2,295	--------	5.57	77,591	292	2.79	815	2.1	66
Bituminous											
1890	87,373	7,008	1,607	15,332	.99	192,204	226	2.56	579	[6] 5.3	151
1895	106,287	8,340	2,086	18,404	.86	239,962	194	2.90	563	[7] 11.9	216
1900	173,072	7,868	3,740	27,635	1.04	304,375	234	2.98	697	24.9	281
1905	255,201	10,639	7,007	42,412	1.06	460,629	211	3.24	684	32.8	459
1910	342,969	12,287	9,668	52,187	1.12	555,533	217	3.46	751	41.7	592
1915	379,877	12,354	9,799	40,595	1.13	557,456	203	3.91	794	55.0	671
1920	504,873	21,289	11,896	30,608	3.75	639,547	220	4.00	881	59.8	798
1925	477,173	21,351	5,776	15,753	2.04	588,493	195	4.52	884	70.6	823
1930	437,399	22,121	3,993	4,014	1.70	493,202	187	5.06	948	77.5	770
1935	338,069	29,734	3,103	1,468	1.77	462,403	179	4.50	805	78.8	640
1940	409,881	44,403	2,443	4,045	1.91	439,075	202	5.19	1,049	80.1	703
1942	516,832	55,376	2,708	7,777	2.36	461,991	246	5.12	1,261	79.3	730
1943	526,052	53,238	2,702	8,185	2.69	416,007	264	5.38	1,419	78.1	689

[1] Figures for bituminous coal represent average value per ton less selling expense (Bur. of Mines series) prior to 1937; thereafter, average gross realization including selling expense (Bit. Coal Div. series).
[2] Based on total production as shown in table 863.
[3] Calculated at 303.5 working days in the anthracite field and 308 working days in the bituminous field.
[4] Of 2,000 pounds. [5] Not available. [6] 1891. [7] 1896.

Source: Department of Interior, Bureau of Mines. Data now compiled in cooperation with Solid Fuels Administration. Published in Minerals Yearbook.

No. 853.—Consumption of Bituminous Coal and Lignite, by Consumer Class, With Retail Deliveries: 1936 to 1944

[In thousands of short tons]

Year	Total [1]	Colliery fuel	Electric power utilities [2]	Railroads (class I) [3]	Coke: Beehive ovens	Coke: By-product ovens	Steel and rolling mills	Coal-gas retorts	Cement mills	Other industrials [4]	Retail-dealer deliveries
1936	408,596	3,227	40,029	86,391	2,698	63,244	13,471	1,945	4,771	108,620	84,200
1937	430,771	3,052	42,871	88,080	4,927	69,575	12,853	1,680	5,247	122,410	80,076
1938	336,734	2,493	38,245	73,921	1,360	45,266	8,412	1,644	4,483	92,390	68,520
1939	376,296	2,565	43,979	79,072	2,298	61,216	9,808	1,614	5,274	98,900	71,570
1940	431,331	2,443	50,973	85,130	4,803	76,583	10,040	1,746	5,633	106,280	87,700
1941	492,445	2,489	61,861	97,384	10,529	82,609	10,902	1,659	6,832	120,720	97,460
1942	540,629	2,708	65,636	115,410	12,876	87,974	10,434	1,721	7,570	131,550	104,750
1943	594,517	2,702	76,403	130,283	12,441	90,019	11,238	1,605	5,851	141,211	122,764
1944 [5]	590,694	2,850	78,883	132,049	10,931	94,654	10,734	1,545	3,789	130,353	124,906

[1] Total limited to classes shown.
[2] Geological Survey and Federal Power Commission. Represents consumption by public utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.
[3] Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The I. C. C. reports that in 1942 consumption for all uses by class I line-haul railways plus purchases for class II and class III railways, plus purchases by all switching and terminal companies combined, was 122,208,266 net tons of bituminous coal and lignite. Similar data not yet available for 1943.
[4] Estimates based upon reports collected by Solid Fuels Administration from a selected list of representative manufacturing plants. [5] Preliminary.

Source: Department of the Interior, Bureau of Mines. Data now compiled in cooperation with Solid Fuels Administration. Published in Minerals Yearbook.

No. 854.—Work Stoppages [1] in Anthracite and Bituminous Coal Mining Industries, by Major Issues Involved: 1932 to 1944

Strikes and lockouts involving fewer than 6 workers or lasting less than 1 day are not included. Figures are for strikes beginning in years shown. For combined statistics covering strikes and lockouts in all industries, see table 235, p. 218.]

Coal-mining industry and year	Number of strikes and lockouts: Total	Major issues: Wages and hours	Major issues: Union organization (2)	Major issues: Miscellaneous	Number of workers involved: Total	Major issues: Wages and hours	Major issues: Union organization (2)	Major issues: Miscellaneous	Number of man-days idle: Total	Major issues: Wages and hours	Major issues: Union organization (2)	Major issues: Miscellaneous
Anthracite:												
1932	18	6	2	10	19,592	16,105	333	3,154	167,036	125,175	9,570	32,291
1933	27	9	2	16	96,297	8,559	3,300	84,438	1,012,787	103,026	42,100	867,661
1934	38	10	1	27	105,296	11,130	313	93,853	948,767	136,009	939	811,819
1935	33	7	1	25	50,191	9,517	1,100	39,574	788,724	75,604	41,800	671,320
1936	26	5	6	15	23,073	3,596	13,005	6,472	264,545	43,043	153,083	68,419
1937	32	13	1	18	59,600	24,902	480	34,218	606,656	144,548	15,360	446,748
1938	17	4	3	10	26,416	2,316	5,325	18,775	357,854	35,191	181,577	141,086
1939	25	3	5	17	22,664	2,813	1,057	18,794	77,909	3,773	15,271	58,865
1940	25	1	3	21	17,355	62	2,308	14,985	105,399	496	30,470	74,433
1941	27	5	1	21	136,888	92,557	1,552	42,779	423,299	97,023	6,208	320,068
1942	31	10	------	21	36,153	19,142	------	17,011	225,921	148,460	------	77,461
1943	30	12	------	18	117,623	88,296	------	29,327	1,836,486	1,552,457	------	284,029
1944	61	18	1	42	40,624	14,278	6,730	19,616	326,922	209,054	43,590	74,278
Bituminous:												
1932	43	25	7	11	63,619	52,123	8,792	2,704	5,913,886	5,007,375	873,252	33,259
1933	102	38	30	34	142,242	17,488	111,413	13,341	2,211,375	472,521	1,644,661	94,193
1934	78	21	23	34	109,827	46,309	43,741	19,777	1,562,358	981,282	473,735	107,341
1935	42	10	12	20	420,574	403,790	3,174	13,610	2,971,449	2,860,358	24,178	86,913
1936	38	5	9	24	19,648	1,378	2,934	15,336	533,314	356,058	43,431	133,825
1937	54	11	21	22	99,253	45,913	27,878	25,462	1,924,951	1,048,642	400,759	475,550
1938	27	6	10	11	9,505	2,196	2,324	4,985	132,855	8,422	24,151	100,282
1939	25	2	11	12	355,383	1,102	346,524	7,757	7,302,556	22,243	7,191,984	88,329
1940	34	4	10	20	24,372	272	3,451	20,649	153,206	15,954	16,214	121,128
1941	75	19	13	43	593,352	383,829	63,180	146,343	6,747,986	5,589,678	710,220	448,088
1942	96	25	11	60	43,774	15,551	3,137	25,086	264,468	134,100	15,632	114,736
1943	400	177	17	206	487,474	423,801	3,137	60,536	7,510,397	7,247,829	23,141	239,427
1944	792	208	52	532	229,907	50,918	46,207	132,782	1,056,341	207,859	266,646	581,836

[1] Formerly designated "strikes and lockouts."
[2] Wages and hours were important issues also in some of these disputes. This is especially true in recent years.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880-1936; May issue of Monthly Labor Review and official records.

No. 855.—Coal—Average Retail Prices and Indexes for Large Cities Combined: 1929 to 1945

Year and month	Average price per ton of 2000 pounds			Index (October 1922–September 1925=100)		
	Bituminous (unweighted average, 34 cities)[1]	Pennsylvania anthracite (weighted average, 23 cities)[2]		Bituminous (unweighted average, 34 cities)[1]	Pennsylvania anthracite (weighted average, 23 cities)[2]	
		Stove	Chestnut		Stove	Chestnut
1929	$8.85	$14.14	$13.70	91.5	100.5	97.7
1932	7.71	12.55	12.45	79.7	89.2	88.7
1935	8.29	11.38	11.14	85.7	80.9	79.4
1938	8.61	10.96	11.11	88.7	77.9	79.1
1940	8.60	11.33	11.35	87.9	80.5	80.8
1941	9.10	11.92	11.97	92.6	84.7	85.2
1942	9.51	12.41	12.47	96.7	88.1	88.7
1943	9.94	13.15	13.20	100.9	93.4	93.9
1944	10.27	13.89	13.94	104.3	98.7	99.2
1945	10.49	14.36	14.42	106.5	102.0	102.7
1944: June	10.28	13.80	13.85	104.4	98.0	98.6
December	10.33	13.81	13.86	104.8	98.1	98.7
1945: March	10.36	13.90	13.98	105.1	98.7	99.5
June	10.55	13.82	13.87	107.1	98.2	98.7
September	10.58	14.86	14.93	107.5	105.6	106.3
December	10.59	15.00	15.06	107.6	106.6	107.2

[1] Thirty-eight cities prior to Dec. 1940; 35 cities Dec. 1940 through Apr. 1945; 34 thereafter.
[2] Twenty-five cities prior to July 1944; 24 cities July through Dec. 1944; 23 thereafter.
Source: Department of Labor, Bureau of Labor Statistics; data through 1941 from Bulletin No. 707. Later data published currently in monthly releases and in Monthly Labor Review.

No. 856.—Natural Gas and Natural Gasoline—Production, 1906 to 1944, and by States, 1930 to 1944

Note.—**Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars.** Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Values given are at the point of consumption. Consumption figures by States differ greatly from production figures by reason of interstate transportation.

Yearly average or year	Natural gas produced and marketed		Natural gasoline			Year	Natural gas produced and marketed		Natural gasoline		
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value
1906–1910	437,057	57,940	-------	-------	-------	1936	2,167,802	476,813	1,815,000	1,796,340	84,572
1911–1915	575,708	88,492	11,602	30,317	2,481	1937	2,407,620	528,354	2,108,800	2,065,434	97,125
1916–1920	762,681	154,590	412,787	268,038	48,174	1938	2,295,562	500,698	2,035,562	2,156,574	87,266
1921–1925	947,419	229,002	820,445	762,151	82,205	1939	2,476,756	534,240	2,150,000	2,169,300	90,050
1926–1930	1,637,540	362,238	1,613,811	1,852,490	136,123	1940	2,660,222	577,939	2,471,400	2,339,400	68,261
1931–1935	1,697,043	394,148	1,687,902	1,592,613	59,761	1941	2,812,658	621,333	2,763,300	2,688,714	105,815
1936–1940	2,401,592	523,609	2,116,152	2,105,410	85,455	1942	3,053,475	692,737	2,864,400	2,725,968	102,565
1934	1,770,721	395,378	1,776,172	1,535,360	60,523	1943	3,414,689	760,950	3,028,000	2,773,218	122,500
1935	1,916,595	429,374	1,822,000	1,651,980	70,940	1944[1]	3,780,232	824,542	3,300,000	3,031,308	148,200

State	Natural gas produced and marketed					Natural gas consumed	Natural gasoline produced		
	1930	1935	1940	1942	1943	1943	1942	1943	1944[1]
Total[2]	1,943,421	1,916,595	2,660,222	3,053,475	3,414,689	3,403,479	2,725,968	2,773,218	3,031,308
Arkansas	18,585	6,167	14,379	19,456	36,469	82,825	34,033	40,353	43,701
California	334,789	284,109	351,950	403,968	457,757	457,757	545,881	582,872	632,768
Illinois	2,890	1,448	8,359	14,484	18,120	122,340	66,389	71,737	61,351
Kansas	37,630	57,125	90,003	112,921	133,729	129,173	68,948	70,325	54,045
Kentucky	28,023	39,738	53,056	80,089	92,364	23,409	8,884	10,571	10,997
Louisiana	278,341	249,450	343,191	447,686	505,294	290,651	254,362	265,807	409,824
Michigan	2,075	4,203	12,648	15,521	18,006	53,010	2,518	1,226	4,055
Montana	10,060	19,870	26,231	31,475	31,562	28,815	2,810	2,749	2,886
New Mexico	9,497	27,931	[3] 63,990	[3] 78,164	[3] 86,500	52,126	73,862	73,126	69,528
New York	[4] 9,624	[4] 8,288	[4] 12,187	[4] 8,718	[4] 8,062	27,787	15	12	12
Ohio	63,394	49,592	40,639	45,055	52,001	162,371	6,975	6,495	7,282
Oklahoma	348,116	274,313	257,626	269,704	285,045	230,423	336,707	309,942	301,246
Pennsylvania	88,706	[5] 94,464	[5] 90,725	[5] 93,532	[5] 93,543	159,004	14,876	17,084	17,023
Texas	[6] 517,880	[6] 642,366	[6] 1,063,538	[6] 1,170,345	[6] 1,323,885	1,059,329	1,207,901	1,221,736	1,325,801
West Virginia	144,180	115,772	188,751	215,193	223,878	94,315	67,987	65,691	57,298
Wyoming	43,219	26,643	27,346	33,124	34,351	20,842	[7] 33,474	[7] 33,024	[7] 33,181

[1] Preliminary. [2] Includes States not shown separately.
[3] Includes 685,000,000 cubic feet piped to Mexico in 1940, 1,182,000,000 in 1942 and 1,453,000,000 in 1943.
[4] Includes 107,000,000 cubic feet piped to Canada in 1930, 29,000,000 in 1935, 54,000,000 in 1940, 34,000,000 in 1942, and 32,000,000 in 1943.
[5] Includes 44,000,000 cubic feet piped to Canada in 1935, 36,000,000 in 1940, 96,000,000 in 1942, and 99,000,000 in 1943.
[6] Includes 1,691,000,000 cubic feet piped to Mexico in 1930, 6,727,000,000 in 1935, 4,788,000,000 in 1940, and 7,390,000,000 in 1942, and 9,626,000,000 in 1943. [7] Includes Utah.
Source: Department of the Interior, Bureau of Mines, Minerals Yearbook.

No. 857.—Manufactured-Gas Industry—Fuel Consumed, by Kind and by Use: 1929 to 1944

[Coal and coke in thousands of tons of 2,000 pounds; oil in thousands of gallons. Data have been revised to exclude completely the operations of those utilities which have changed over from the distribution of manufactured gas to natural gas at any time between 1929 and end of 1944]

KIND AND USE	1929	1932	1935	1938	1941	1942	1943	1944
By kind:								
Anthracite	267	115	125	181	258	300	343	291
Bituminous	6,138	5,686	5,774	5,118	5,378	6,005	5,990	6,183
Coke purchased	1,221	765	716	702	732	793	924	957
Coke produced [1]	1,931	1,367	1,283	1,209	1,434	1,531	1,683	1,677
Coke breeze	368	475	483	353	398	457	494	495
Oil [2]	637,561	537,379	464,097	576,936	679,596	740,503	770,324	836,698
By use:								
Generator fuels [1]	2,786	1,857	1,570	1,639	1,924	2,115	2,408	2,465
Boiler fuels	1,164	837	828	766	901	1,015	1,141	1,092
Bituminous coal carbonized	7,051	6,385	6,522	5,744	6,156	6,772	6,840	7,000
Bench and producer fuels	855	696	744	623	653	715	728	723

[1] Includes fuel used in the production of reformed oil refinery gas.
[2] Oil used. For 1944, for carbureting water gas, 730,518,000 gallons; for making oil gas, 83,229,000; for boiler fuel, 22,951,000 gallons.

No. 858.—Manufactured-Gas and Natural-Gas Industries—Summary: 1929 to 1944

[Population served and number of customers in thousands, gas produced, purchased, and sold in millions of cubic feet; revenue in thousands of dollars. Data for the manufactured-gas industry have been revised to exclude completely the operations of companies which have changed over to the distribution of natural gas at any time between 1929 and the end of 1944. Data for the natural-gas industry include these companies. Utilities distributing mixed gases with heating values higher than 900 B. t. u. per cubic foot are classified as natural-gas utilities. All butane or propane gases, or mixtures of such gases with air, are included in the manufactured-gas statistics. Natural gas sold for field use or for carbon black production is excluded]

ITEM	1929	1932	1935	1938	1941	1942	1943	1944
MANUFACTURED-GAS INDUSTRY								
Population served, Dec. 31	43,164	44,555	45,102	45,911	46,846	47,201	47,685	48,389
Miles of main, Dec. 31	75,000	81,500	82,900	83,800	87,900	88,300	89,500	89,500
Employees, Dec. 31	67,900	60,600	65,600	64,900	65,900	57,100	52,700	50,400
Total gas produced and purchased	382,069	344,750	350,320	361,073	418,183	454,326	490,642	509,020
Gas produced	278,454	238,383	225,608	224,936	264,624	288,698	311,910	326,724
Gas purchased	103,615	106,367	124,712	136,137	153,559	165,628	178,732	182,296
Total number of customers, Dec. 31 [1 2]	9,357	8,889	9,108	9,472	10,052	10,245	10,340	10,502
Residential, total	8,940	8,486	8,698	9,028	9,610	9,809	9,911	10,062
House heating	41	57	126	216	351	385	389	405
Industrial	410	394	401	436	433	427	420	430
Total gas sales of consumers [1 2]	351,404	317,220	316,867	335,465	389,790	424,618	459,162	476,342
Residential, total	259,547	250,001	231,947	235,731	255,586	273,455	289,849	300,045
House heating	13,142	18,335	33,715	46,093	64,549	76,261	83,046	84,800
Industrial	89,784	65,030	82,861	97,553	131,632	147,809	165,510	172,356
Total revenue from consumers [1 3]	394,470	368,742	338,084	343,913	374,668	398,665	417,917	431,471
Residential total	314,076	305,613	275,707	276,060	292,616	308,845	321,319	331,432
House heating	11,124	14,085	21,773	29,611	41,926	49,713	53,305	54,667
Industrial	78,579	61,580	60,923	66,375	80,479	87,866	94,428	97,760
NATURAL-GAS INDUSTRY								
Population served, Dec. 31	----------	31,166	32,784	34,220	36,164	36,900	40,149	41,148
Miles of main, Dec. 31	----------	173,800	183,500	194,000	205,400	208,200	213,000	218,400
Employees, Dec. 31	----------	53,700	61,500	66,700	72,900	64,800	62,800	62,100
Total number of customers, Dec. 31 [2]	6,230	6,441	6,956	7,602	8,546	8,816	9,001	9,270
Residential [4]	5,854	5,960	6,428	7,007	7,891	8,171	8,344	8,578
Commercial	353	453	494	552	604	593	601	635
Industrial	23	28	34	43	51	52	56	57
Total gas sales to consumers [2]	1,002,976	844,691	1,068,381	1,226,560	1,625,313	1,786,833	2,022,058	2,156,897
Residential [4]	339,507	324,783	325,215	356,807	428,107	481,532	521,924	558,511
Commercial	59,276	78,049	89,317	102,050	131,975	154,315	169,071	179,558
Industrial [5]	604,193	441,859	653,849	767,703	1,065,231	1,150,986	1,331,063	1,418,828
Total revenue from consumers [3]	390,517	355,620	389,994	429,979	540,022	596,322	648,890	676,686
Residential [4]	231,967	236,700	233,606	250,463	292,098	322,205	341,230	358,251
Commercial	33,819	40,470	43,836	48,759	59,564	65,943	69,224	73,140
Industrial [5]	124,731	78,450	112,552	130,757	188,360	208,174	238,436	245,295

[1] Includes data for miscellaneous group not shown separately.
[2] Includes only ultimate consumers, sales for resale are excluded.
[3] Excludes revenues from sales for resale.
[4] Includes house heating.
[5] Includes data for electric generation.

Source of tables 857 and 858: American Gas Association, Annual Statistics of the Manufactured-Gas and Natural-Gas Industries, Statistical Bulletins, Nos. 58 and 59.

No. 859.—Gas Prices—Net Monthly Bills for Specified Quantities by Cities

[Based on rates as of Dec. 15, 1944 and 1945]

City	Kind of gas [1]	Heating value per cubic foot in British thermal units (Dec. 15, 1945)	10.6 therms [2]		19.6 therms [2]		30.6 therms [2]		40.6 therms [2]	
			1944	1945 [3]	1944	1945 [3]	1944	1945 [3]	1944	1945 [3]
Atlanta	N	997	$1.70	$1.59	$2.62	$2.41	$3.69	$3.38	$4.30	$3.98
Baltimore	M	500	1.80	1.80	3.33	3.33	4.78	4.78	6.08	6.08
Birmingham	M	520	1.62	1.62	2.66	2.66	3.75	3.75	4.52	4.52
Boston	M	530	2.85	2.86	4.25	4.27	5.97	5.99	7.53	7.56
	M	530	2.38	2.38	4.39	4.40	5.91	5.90	7.50	7.48
Buffalo	X	900	.77	.77	1.42	1.42	2.21	2.21	2.93	2.93
Butte	N	850	1.11	1.11	1.59	1.59	2.17	2.17	2.70	2.70
Charleston B-1 [4]	M	550	2.70	2.70	----	----	----	----	----	----
Charleston B-2	M	550	2.95	2.95	4.42	4.42	5.92	5.92	7.28	7.28
Chicago	X	800	1.85	1.85	2.93	2.93	3.72	3.72	4.42	4.42
Cincinnati	X	1,000	.79	.79	1.42	1.42	2.14	2.14	2.79	2.70
Cleveland	N	1,100	[5].90	[5].90	1.33	1.33	1.88	1.88	2.38	2.38
Columbus [5]	N	1,050	.95	.95	1.40	1.40	1.95	1.95	2.45	2.45
Dallas	N	1,060	1.26	1.26	1.77	1.77	2.40	2.40	2.93	2.93
Denver [7]	N	840	2.15	1.54	3.31	2.21	4.16	2.88	4.80	3.36
Detroit [8]	N	996	[9] 1.07	[10] .61	[9] 1.81	[10] 1.05	[9] 2.73	[10] 1.48	[9] 3.56	[10] 1.88
Fall River	M	528	3.04	3.06	4.69	4.73	6.72	6.77	8.55	8.63
Houston	N	1,100	.92	.92	1.41	1.41	2.01	2.01	2.55	2.55
	N	1,081	.93	.93	1.43	1.43	2.04	2.04	2.60	2.60
	N	1,091	.86	.86	1.31	1.32	1.87	1.87	2.38	2.38
Indianapolis	M	570	1.58	1.58	2.92	2.92	4.57	4.57	6.05	6.05
Jacksonville	M	525	4.03	4.03	5.80	5.80	7.69	7.69	9.40	9.40
Kansas City [7]	N	1,040	1.33	1.33	2.12	2.12	3.05	3.05	3.88	3.88
Little Rock [7]	N	1,000	1.05	1.05	1.46	1.46	1.97	1.97	2.42	2.42
Los Angeles	N	1,100	1.18	1.18	1.66	1.66	2.20	2.20	2.67	2.67
Louisville [8]	X	900	1.14	1.14	1.79	1.79	2.48	2.48	3.08	3.08
Manchester	M	525	3.25	3.20	4.91	4.83	6.57	6.45	8.05	7.89
Memphis	N	980	1.39	1.39	2.26	2.26	3.27	3.27	3.83	3.83
Milwaukee	M	520	1.76	1.76	2.89	2.89	4.26	4.26	5.51	5.51
Minneapolis	X	800	1.65	1.61	2.34	2.26	3.15	3.01	3.84	3.65
Mobile	N	1,088	1.60	1.57	2.31	2.28	3.19	3.13	3.70	3.66
Newark	M	525	2.69	2.69	4.31	4.31	6.06	6.06	7.29	7.29
New Haven	M	528	2.41	2.41	4.11	4.11	6.20	6.20	8.09	8.09
New Orleans	N	1,073	[11] 1.07	1.07	[11] 1.58	1.58	[11] 2.20	2.19	[11] 2.77	2.75
New York: 3 boroughs [12]	M	540	2.28	2.28	4.22	4.22	6.59	6.59	8.73	8.73
Brooklyn	M	541	2.32	2.31	3.76	3.75	5.20	5.19	6.36	6.34
	M	537	2.41	2.42	3.88	3.89	5.32	5.34	6.63	6.66
	M	541	2.62	2.56	4.31	4.19	6.02	5.84	7.28	7.04
Richmond	M	543	3.07	3.06	5.05	5.03	7.01	6.98	8.78	8.74
Norfolk	M	530	2.40	2.40	4.36	4.36	6.62	6.62	8.51	8.51
Omaha	M	600	1.38	1.38	2.14	2.14	3.05	3.05	3.88	3.88
Peoria	N	1,000	2.12	2.12	3.64	3.64	4.67	4.67	5.57	5.57
Philadelphia	M	530	1.86	1.86	3.27	3.27	4.82	4.82	6.24	6.24
Pittsburgh	N	1,115	[8] 1.00	[8] 1.00	1.06	1.06	1.64	1.64	2.18	2.18
	N	1,074	1.18	1.20	1.72	1.74	2.37	2.41	2.96	3.02
	N	1,125	1.18	1.17	1.72	1.69	2.37	2.33	2.96	2.91
Portland, Maine	M	532	3.38	3.30	5.60	5.46	6.83	6.65	8.45	8.21
Portland, Oreg	M	569	2.34	2.34	3.98	3.98	5.33	5.34	6.61	6.62
Providence	M	510	2.65	2.65	4.28	4.28	6.28	6.28	8.10	8.10
Richmond	M	530	2.60	2.60	4.74	4.74	5.99	5.99	7.69	7.69
Rochester, N. Y	M	537	2.26	2.26	3.99	3.99	5.35	5.35	6.88	6.88
St. Louis [7]	X	800	2.04	2.04	3.20	3.20	4.38	4.38	5.45	5.45
St. Paul	M	552	1.98	1.98	3.16	3.16	4.59	4.58	5.87	5.85
Salt Lake City [7]	N	875	2.09	2.09	3.24	3.24	4.13	4.13	4.83	4.83
San Francisco	N	1,100	1.00	1.00	1.38	1.38	1.83	1.83	2.21	2.21
Savannah	M	500	2.48	2.65	4.58	4.90	7.15	7.37	9.49	9.37
Scranton	M	521	2.89	2.87	4.57	4.56	5.77	5.76	7.60	7.58
Seattle [8]	M	561	3.33	3.33	5.74	5.74	5.62	5.62	6.86	6.86
Springfield, Ill	N	998	1.91	1.91	3.36	3.36	4.47	4.47	5.37	5.37
Washington, D. C	X	600	1.51	1.53	2.65	2.66	3.96	3.98	5.08	5.11

[1] M, manufactured; N, natural; X, mixed.

[2] 1 therm equals 100,000 British thermal units.

[3] Preliminary.

[4] Available only to customers using less than 3,200 cubic feet per month who were served under this rate schedule on or before Jan. 1, 1944.

[5] Minimum bill representing a meter charge in Pittsburgh and including the first 1,000 cubic feet per month in Cleveland.

[6] Bills include 5 percent commodity tax.

[7] Bills include 2 percent sales tax.

[8] Bills include 3 percent sales tax.

[9] Bills reflect a 31 percent discount in December 1944 only.

[10] Bills reflect a 53 percent discount in December 1945 only.

[11] Revised to include change in rates reported January 1945 which were retroactive to May 26, 1943.

[12] Bills include 1 percent sales tax.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review.

No. 860.—Petroleum, Crude—Production: 1861 to 1944

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars]

YEARLY AVERAGE	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1861–1865	2,479	9,965	1913	248,446	237,121	1929	1,007,323	1,280,417
1866–1870	4,013	15,795	1914	265,763	214,125	1930	898,011	1,070,200
1871–1875	8,221	16,430	1915	281,104	179,463	1931	851,081	550,630
1876–1880	16,816	22,926	1916	300,767	330,900	1932	785,159	680,460
1881–1885	25,508	22,933	1917	335,316	522,635	1933	905,656	608,000
1886–1890	32,990	23,830	1918	355,928	703,944	1934	908,065	904,825
1891–1895	51,095	35,708	1919	378,367	760,266	1935	996,596	961,440
1896–1900	59,498	56,836	1920	442,929	1,360,745	1936	1,099,687	1,199,820
1901–1905	102,083	83,524	1921	472,183	814,745	1937	1,279,160	1,513,340
1906–1910	172,769	119,572	1922	557,531	895,111	1938	1,214,355	1,373,060
1911–1915	247,739	185,793	1923	732,407	978,430	1939	1,264,962	1,294,470
1916–1920	362,661	735,698	1924	713,940	1,022,683	1940	1,353,214	1,385,440
1921–1925	647,961	999,186	1925	763,743	1,284,960	1941	1,402,228	1,602,000
1926–1930	895,762	1,205,217	1926	770,874	1,447,760	1942	1,386,645	1,643,470
1931–1935	889,311	741,071	1927	901,129	1,172,830	1943	1,505,613	1,809,020
1936–1940	1,242,276	1,353,226	1928	901,474	1,054,880	1944 [1]	1,677,753	2,030,500

[1] Preliminary.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 861.—Petroleum, Crude and Refined—Production, Imports, Exports, and Bunker Oil Laden on Vessels in Foreign Trade: 1871 to 1944

Note.—Exports of refined oils include residuum prior to 1913 and exclude it thereafter. Exports exclude reexports of imported oils. General imports through 1933; imports for consumption thereafter.

PERIOD	QUANTITY (THOUSANDS OF BARRELS OF 42 GALLONS)						VALUE (MILLIONS OF DOLLARS)				
	Production, crude oil	Imports		Exports		Bunker oil	Imports		Exports		Bunker oil
		Crude oil	Refined oils	Crude oil	Refined oils		Crude oil	Refined oils	Crude oil	Refined oils	
1871–1880	12,519	(1)	(1)	528	6,026	(1)	(1)	(1)	2.4	37.7	(1)
1881–1890	29,249	(1)	(1)	1,719	12,084	(1)	(1)	(1)	5.1	43.7	(1)
1891–1895	51,095	(1)	(1)	2,606	16,751	(1)	(1)	(1)	5.0	40.8	(1)
1896–1900	59,498	(1)	(1)	2,907	20,240	(1)	(1)	(1)	5.8	57.1	(1)
1901–1905	102,083	(1)	(1)	3,029	22,317	(1)	(1)	(1)	6.3	68.5	(1)
1906–1910	172,769	[2] 295	(1)	3,686	30,521	(1)	[2] 0.7	(1)	6.4	90.4	(1)
1911–1915	247,739	12,080	293	4,134	44,475	(1)	7.6	1.1	6.1	125.8	(1)
1916–1920	362,661	49,531	1,396	5,413	58,896	11,681	26.5	5.0	14.1	323.7	24.2
1921–1925	647,961	94,857	12,545	13,330	76,455	36,501	68.0	22.2	22.5	363.6	55.9
1926–1930	895,762	67,919	23,779	20,062	119,700	50,198	78.6	51.8	30.2	464.7	62.3
1931–1935	889,311	38,395	23,901	36,413	[3] 70,896	34,868	27.3	22.3	38.2	[3] 176.2	31.3
1936–1940	1,242,276	32,701	30,774	63,651	[3] 86,876	35,845	23.6	22.2	87.0	[3] 231.9	39.3
1928	901,474	79,767	11,701	18,961	126,159	51,226	90.5	40.9	26.8	465.2	59.4
1929	1,007,323	78,933	29,632	26,394	126,377	52,278	79.9	61.0	37.8	493.4	54.7
1930	898,011	62,129	43,381	23,704	122,167	50,773	64.9	78.7	32.2	438.2	53.6
1931	851,081	47,250	38,702	25,535	91,009	43,714	39.2	52.1	20.8	232.3	38.8
1932	785,159	44,700	30,228	27,391	[3] 69,348	38,152	30.4	29.2	27.1	[3] 168.1	29.4
1933	905,656	31,908	13,257	36,584	[3] 61,419	32,272	17.7	7.1	32.0	[3] 151.3	27.1
1934	908,065	35,772	14,952	41,127	[3] 64,750	29,899	25.9	9.6	49.8	[3] 159.5	31.3
1935	996,596	32,345	22,369	51,430	[3] 67,932	30,304	23.4	13.5	61.2	[3] 169.9	29.9
1936	1,099,687	32,957	25,460	50,313	[3] 71,402	33,407	23.2	16.5	66.1	[3] 179.0	34.3
1937	1,279,160	27,310	32,693	67,127	[3] 93,464	37,688	20.8	22.1	96.4	[3] 253.4	43.5
1938	1,214,355	26,048	27,837	77,254	[3] 102,124	36,059	18.6	19.6	111.6	[3] 249.6	37.8
1939	1,264,962	34,106	27,350	72,064	[3] 103,428	37,036	23.3	18.7	92.8	[3] 262.6	39.0
1940	1,353,214	43,085	40,528	51,495	[3] 63,960	35,037	32.2	34.0	67.8	[3] 214.9	41.9
1941	1,402,228	52,029	48,564	34,484	[3] 60,736	30,400	43.4	37.6	49.5	[3] 208.2	38.1
1942	1,386,645	13,540	25,780	35,560	[3] 71,251	25,417	12.8	23.0	51.6	[3] 273.3	35.1
1943	1,505,613	13,803	51,834	45,313	[3] 96,896	47,895	14.7	69.9	66.5	[3] 448.6	74.0
1944	1,677,753	44,846	56,663	34,802	[3] 161,702	71,815	49.0	63.6	58.9	[3] 872.8	109.4

[1] Data are not available. [2] Average for years 1908–10 for total mineral oils.

[3] Not including natural gasoline (308,000 barrels valued at $533,000 in 1932, 1,657,000 barrels at $3,395,000 in 1933, 1,495,000 barrels at $2,729,000 in 1934, 1,645,000 barrels at $3,335,000 in 1935, 1,904,000 barrels at $4,227,000 in 1936, 3,738,000 barrels at $9,465,000 in 1937, 6,114,000 barrels at $13,059,000 in 1938, 4,111,000 barrels at $8,739,000 in 1939, and 1,704,000 barrels at $3,204,000 in 1940, 1,151,000 barrels at $2,582,000 in 1941, 1,169,000 barrels at $2,611,000 in 1942, 599,000 barrels at $1,615,000 in 1943, 672,000 barrels at $2,082,000 in 1944), included with refined oils prior to 1932.

Sources: Production, Dept. of the Interior, Bur. of Mines; Minerals Yearbook. Imports and exports, Dept. of Commerce, Bur. of Foreign and Domestic Commerce through 1940; thereafter, Bur. of Census; annual report, Foreign Commerce and Navigation of the U. S.

No. 862.—Petroleum, Crude—World Production; United States Production by Regions and States: 1916 to 1944

[In thousands of barrels of 42 gallons]

Region and state	1916–1920 (average)	1921–1925 (average)	1926–1930 (average)	1931–1935 (average)	1936–1940 (average)	1941	1942	1943	1944
World total [1]	541,733	944,777	1,316,390	1,460,372	2,009,651	2,221,230	2,081,429	2,233,549	2,616,709
United States [2]	362,661	647,961	895,762	889,311	1,242,276	1,402,228	1,386,645	1,505,613	1,677,753
Percent of total	*67*	*69*	*68*	*61*	*62*	*63*	*67*	*67*	*64*
Regions:									
Appalachian	27,161	28,504	31,603	30,079	34,817	33,102	34,563	35,237	34,272
Lima—N. E. Ind.—Mich	3,468	2,298	3,603	10,050	18,716	16,933	22,075	20,944	18,709
Illinois—S. W. Indiana [3]	13,918	9,585	7,495	5,326	57,570	139,780	113,110	87,516	82,507
Mid-continent	184,616	343,545	527,944	566,251	694,826	716,544	703,490	736,487	819,722
Gulf	24,273	33,688	54,140	75,401	178,326	225,649	221,495	296,322	366,317
Rocky Mountain	11,830	35,258	29,468	17,984	27,765	39,957	43,586	44,919	44,433
California	97,384	195,074	241,509	184,221	230,256	230,263	248,326	284,188	311,793
States:									
Arkansas	--------	36,644	35,010	12,144	17,485	26,327	26,628	27,600	29,418
California	97,384	195,074	241,509	184,221	230,256	230,263	248,326	284,188	311,793
Colorado	139	392	2,477	1,260	1,539	2,150	2,199	2,320	2,944
Illinois	13,918	8,815	6,654	4,551	55,722	132,393	106,391	82,260	77,413
Indiana	865	1,011	937	800	1,870	7,411	6,743	5,283	5,118
Kansas	32,556	32,733	41,123	43,033	63,197	83,242	97,636	106,178	98,762
Kentucky	5,335	8,044	7,103	5,494	5,549	4,762	4,534	7,883	9,621
Louisiana	19,117	25,759	22,338	30,396	92,771	115,908	115,785	123,592	129,207
Michigan	--------	1	1,913	9,004	18,103	16,359	21,754	20,768	18,490
Mississippi	--------	--------	--------	(4)	4,507	15,327	28,833	18,807	16,337
Montana	129	2,729	4,826	3,153	5,861	7,526	8,074	7,916	8,627
New Mexico [5]	--------	[6] 554	3,171	15,829	35,720	39,569	31,544	38,896	39,555
New York	864	1,274	2,765	3,618	5,057	5,185	5,421	5,059	4,697
Ohio	7,583	7,045	7,022	4,504	3,404	3,510	3,543	3,322	2,937
Oklahoma	102,209	155,088	235,663	176,293	185,293	154,702	140,690	123,152	124,616
Pennsylvania	7,662	7,607	10,613	13,443	17,684	16,750	17,779	15,757	14,118
Texas	55,008	127,009	245,792	364,341	478,063	505,572	483,097	594,343	748,122
West Virginia	8,311	6,575	5,655	4,032	3,680	3,433	3,574	3,349	3,070
Wyoming	11,562	31,901	21,145	13,158	19,987	29,878	32,812	34,253	32,388

[1] Estimated; 1944 preliminary.
[2] Includes for certain years small quantities not distributed by regions and States.
[3] Southwestern Indiana reported with Illinois beginning 1921; previously with Lima-Indiana region.
[4] Not shown separately.
[5] Not shown separately prior to 1924.
[6] Average for years 1924 and 1925.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 863.—Crude Petroleum, Refined Products, and Natural Gasoline—Production and Stocks: 1920 to 1944

[Barrels of 42 gallons]

ITEM	1920	1925	1930	1935	1940	1942	1943	1944
Crude petroleum:								
Domestic production 1,000 bbls.	442,929	763,743	898,011	996,596	1,353,214	1,386,645	1,505,613	1,677,753
Imports [1] do.	106,175	61,824	62,129	32,239	42,662	12,297	13,833	44,805
Exports [1] do.	9,295	13,337	23,705	51,430	51,496	33,834	41,342	34,238
Stocks, end of period:								
Refinable crude do.	149,448	345,863	408,809 [2] 411,882	314,855	264,709	234,889	243,506 [2] 242,132	220,862
California heavy crude do.	(2)	(2)	(2)	(2)	11,906	10,865	8,289 [2] 7,272	6,107
Run to stills do.	433,915	739,920	927,447	965,790	1,294,162	1,334,103		
Total value at wells 1,000 dolls.	1,360,745	1,284,960	1,070,200	961,440	1,385,440	1,643,470	1,429,738 1,809,020	1,665,684 2,030,500
Average price per barrel at wells	$3.07	$1.68	$1.19	$0.97	$1.02	$1.19	$1.20	$1.21
Refined products:								
Imports [1] 1,000 bbls.	2,647	16,376	43,489	20,396	41,089	23,669	49,579	47,451
Exports [1] do.	70,281	100,497	132,794	77,557	78,970	83,073	108,615	174,673
Stocks, end of period do. [3]	60,397	206,275	254,311 [2] 251,680	223,361	282,265 [2] 280,958	247,554	229,362	245,868
Output of motor fuel do.	118,022	262,252	440,728	468,021	616,695	608,900	608,180	743,484
Yield of gasoline percent	26.1	32.4	42.0	44.2	43.1	39.8	37.1	39.4
Completed refineries, end of year	415	510	435	632	556	471	452	(4)
Daily crude-oil capacity of refineries 1,000 bbls.	1,889	2,853	3,943	4,117	4,719	4,902	5,093	(4)
Average dealer's net price (excl. tax) of gasoline in 50 U.S. cities [5] cents per gal.	28.05	17.46	14.49	12.02	9.08	10.44	10.45	10.49
Natural gasoline:								
Production 1,000 bbls.	9,161	26,307	52,631	39,333	55,700	83,322	87,716	100,046
Stocks, end of period do.	(4)	[6] 326	2,377 [2] 3,100	3,698	5,704	4,632	4,541	4,252

[1] Import and export figures are from Bureau of Foreign and Domestic Commerce through 1940 and from Bureau of Census thereafter, except for imports of crude petroleum for 1935 and later years which are as reported to Bureau of Mines. Exports include shipments to noncontiguous Territories.
[2] For comparison with succeeding year. [3] Figure for California heavy crude not available for 1920; included in refined products in 1925, 1930, and 1935. [4] Not available. [5] Prior to 1939, average tank-wagon prices. Figures are from American Petroleum Institute. [6] At plants only.

Source: Department of the Interior, Bureau of Mines (except as noted); Minerals Yearbook.

No. 864.—Petroleum—Runs to Stills and Refinery Products, by Class: 1920 to 1944

[In thousands of barrels of 42 gallons, except as indicated]

PRODUCT	1920	1925	1930	1935	1940	1942	1943	1944
Input, total	437,068	759,556	970,617	996,815	1,333,709	1,390,698	1,490,936	1,732,891
Crude petroleum, total	433,915	739,920	927,447	965,790	1,294,162	1,334,103	1,429,738	1,665,684
Domestic	372,779	698,582	866,615	933,659	1,252,364	1,319,507	1,417,559	1,622,514
Foreign	61,136	41,338	60,832	32,131	41,798	14,596	12,179	43,170
Natural gasoline	3,153	19,636	43,170	31,025	39,547	56,595	61,198	67,207
Output, total	437,068	759,556	970,617	996,815	1,333,709	1,390,698	1,490,936	1,732,891
Gasoline	116,251	259,601	432,241	457,842	597,375	586,971	592,425	722,718
Kerosene	55,240	59,689	49,208	55,813	73,882	67,474	72,270	78,344
Distillate fuel oil	210,987	364,991	81,551	100,235	183,304	196,714	211,516	239,152
Residual fuel oil			290,947	259,826	316,221	358,901	417,306	461,455
Lubricating oil	24,938	31,055	34,201	27,853	36,765	38,626	38,679	41,106
Wax	(1)	2,135	1,956	1,608	1,833	2,502	2,697	2,883
Coke	(1)	5,281	9,895	7,290	7,633	6,692	6,942	9,017
Asphalt	(1)	15,067	18,194	17,133	29,406	34,631	37,162	38,479
Still gas	(1)	(1)	5,377	51,184	75,950	78,924	86,755	102,239
Wax 1,000 lbs.	541,204	590,577	547,680	450,240	513,240	700,560	755,160	807,240
Coke 1,000 tons [2]	577	991	1,940	1,458	1,527	1,338	1,388	1,803
Asphalt do [2]	1,291	2,677	3,308	3,115	5,347	6,297	6,757	6,996
Still gas 1,000,000 cu. ft.	(1)	(1)	23,000	197,220	273,420	284,126	312,318	368,061
Road oil	[3] 10,909	8,044	5,425	6,030	7,771	8,039	2,295	1,556
Other finished products			2,377	1,888	3,202	8,117	9,660	18,436
Crude gasoline (net)				1,032	902	1,669	1,009	1,745
Other unfinished oils (net)	(1)	[4] *9,221*	2,242	[4] *2,412*	[4] *3,848*	[4] *3,353*	2,597	2,584
Shortage	18,743	22,914	37,003	11,493	3,313	4,791	9,623	13,177

[1] Not available. [2] Of 2,000 pounds. [3] Other finished products includes other unfinished oils.
[4] Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

Source: Department of the Interior, Bureau of Mines; Petroleum Refinery Statistics 1930 (Bulletin 367) and Minerals Yearbook.

No. 865.—Petroleum—Runs to Stills, 1943 and 1944, and Major Refinery Products, 1944, by Regions

[In thousands of barrels of 42 gallons, except wax which is in thousands of pounds]

Region	Crude oil run to stills		Natural gasoline run to stills or blended		Output of refineries, 1944				
	1943	1944	1943	1944	Gasoline	Kerosene	Distillate fuel oil	Residual fuel oil	Wax
Total	1,429,738	1,665,684	61,198	67,207	722,718	78,344	239,152	461,455	807,240
East coast	194,219	257,046	732	2,073	90,371	9,458	46,763	79,964	286,720
Appalachian	54,900	56,349	430	410	24,163	3,894	6,313	9,194	102,480
Ind., Ill., Ky., etc.	265,234	278,785	7,500	8,911	142,276	13,665	34,544	56,890	62,160
Okla., Kans., and Mo.	124,167	133,106	5,169	4,850	68,289	7,767	19,281	23,984	84,840
Texas	407,992	491,920	27,529	28,513	220,758	26,846	79,238	121,475	131,600
Louisiana and Ark.	84,253	112,509	[2] 5,447	6,357	47,010	13,051	19,298	22,769	99,680
Rocky Mountain	35,105	41,254	666	1,149	19,984	950	4,333	11,233	24,640
California	263,868	294,715	13,725	14,944	109,867	2,713	29,382	135,946	15,120

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 866.—Petroleum Products—Production, by Kind: 1929, 1937, and 1939

Products	Quantity (thousands of gallons unless otherwise specified)			Value (thousands of dollars)		
	1929	1937	1939	1929	1937	1939
Refinery products, total value				2,627,533	2,537,609	2,454,200
Gasoline	17,538,789	22,626,325	24,393,809	1,531,242	1,447,688	1,424,436
Naphtha, including benzine	712,583	319,983	392,772	70,180	22,032	23,116
Kerosene	2,338,929	2,508,045	2,710,109	164,836	123,681	112,065
Fuel oils	16,390,954	19,243,714	19,983,006	384,630	512,904	472,209
Distillates	1,024,364	2,997,561	2,866,730	39,338	122,187	107,649
Gas oils, including Diesel oils	2,882,950	3,153,937	3,972,609	96,094	110,428	130,467
Residual fuel oils	12,483,631	13,092,216	13,143,667	249,198	280,289	234,093
Partially refined oils sold for rerunning	1,466,861	1,147,454	1,331,987	49,143	38,726	38,878
Above fuel oil	869,056	838,758	1,013,265			
Fuel oil	567,533	247,723	249,674	(1)	(1)	(1)
Below fuel oil	30,273	60,973	69,049			
Lubricating oils [2]	1,553,711	1,517,103	1,606,830	304,673	245,666	237,161
Neutral, cylinder, and black	940,870	970,593	712,372	169,365	133,986	100,149
All other, including compounded and unclassified	612,840	546,510	894,458	135,308	111,681	137,013
Road oils	323,002	592,557	861,772	11,041	19,522	25,681
Liquid asphaltic road oils	323,002	481,135	608,915	11,041	16,418	17,142
Other road oils		111,422	252,858		3,104	8,539
Residuum or tar	104,111	20,421	52,030	3,149	853	822
Greases	52,017	61,926	61,885	16,646	17,216	17,324
Petrolatum, mineral jelly, etc.	13,664	23,083	18,875	2,548	3,932	2,873
Lubricating greases [2]	38,354	38,843	43,010	14,098	13,284	14,451
Paraffin wax	84,639	90,608	90,649	22,328	19,213	19,485
Acid oil	34,767	57,633	55,273	663	1,016	784
Liquefied petroleum gases	(1)	116,055	145,429	(1)	3,904	4,942
Asphalt, other than liquid asphalt [3]	3,115	2,971	2,345	34,506	31,352	20,852
Petroleum coke [3]	1,265	1,327	1,522	5,461	5,048	4,987
Other refinery products				29,035	48,787	51,461

[1] No data.
[2] Production in "Petroleum refining" industry only; also made in "Lubricating oils and greases, not made in petroleum refineries" industry.
[3] Thousands of tons of 2,000 pounds.

Source: Dept. of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures.

No. 867.—Petroleum Pipe Lines—Summary: 1925 to 1944

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925	70,009	511,088	93,896	164,645	80,232	70,966	88,495
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1935	92,037	763,009	119,071	197,368	89,364	79,586	78,249
1936	94,060	773,743	77,239	219,057	92,899	94,491	91,742
1937	96,611	802,946	87,389	248,198	99,641	109,994	102,720
1938	95,775	807,657	70,666	228,211	98,756	95,128	92,724
1939	98,681	829,646	65,124	212,466	97,130	83,401	80,823
1940	100,156	841,977	64,095	225,760	101,919	82,558	79,857
1941	105,435	885,317	45,687	251,685	110,448	81,604	79,468
1942	106,485	918,848	44,525	245,061	123,507	58,332	56,845
1943	108,783	965,464	39,891	276,652	148,448	62,620	61,302
1944	111,615	1,000,741	62,767	310,194	172,368	67,840	65,715

Source: Interstate Commerce Commission; annual report, Statistics of Oil Pipe Line Companies.

No. 868.—Oil Wells, Number and Production, 1942 and 1943, and Number of Oil and Gas Wells Drilled, 1943 and 1944, by States

STATE	Producing oil wells: Approximate number Dec. 31		Producing oil wells: Average production per well per day (barrels)		Wells drilled [1]: Oil		Wells drilled [1]: Gas		Wells drilled [1]: Dry	
	1942	1943	1942	1943	1943	1944	1943	1944	1943	1944
Total	404,840	407,170	9.4	10.2	9,717	13,029	1,897	3,067	6,270	7,010
Arkansas	3,100	3,150	24.0	24.2	137	128	3	2	103	85
California [2]	18,550	19,700	38.6	40.7	1,150	1,663	30	48	267	323
Colorado	210	210	29.4	30.3	11	22	1	1	19	14
Illinois	24,100	24,000	12.6	9.4	1,046	1,196	12	6	693	747
Indiana	1,900	2,000	10.1	7.4	96	144	11	22	140	137
Kansas	23,300	23,100	11.5	12.5	880	824	36	93	819	920
Kentucky	15,000	15,000	.8	1.4	243	374	162	305	251	314
Louisiana	6,950	7,250	47.2	47.7	336	429	72	82	265	292
Michigan	3,320	3,380	18.4	17.0	235	239	47	59	346	357
Mississippi	350	370	232.3	143.1	31	78	--------	1	84	77
Montana	2,050	2,070	11.1	10.5	148	221	27	63	65	103
Nebraska	90	90	42.4	19.3	7	12	--------	3	35	18
New Mexico	3,860	3,980	23.1	27.2	182	283	7	15	62	116
New York	21,000	22,450	.7	.6	(3)	(3)	(3)	(3)	(3)	(3)
Ohio	23,900	23,000	.4	.4	(3)	(3)	(3)	(3)	(3)	(3)
Oklahoma	53,000	53,100	7.2	6.4	543	1,031	92	212	549	647
Pennsylvania	83,500	82,800	.6	.5	[4] 2,194	[4] 2,681	[4] 1,250	[4] 1,882	[4] 601	[4] 847
Texas	99,800	100,800	13.2	16.2	2,373	3,526	140	268	1,908	1,935
West Virginia	17,100	16,900	.6	.5	(3)	(3)	(3)	(3)	(3)	(3)
Wyoming	3,650	3,710	25.3	25.5	102	167	6	5	25	33
Other States	110	110	1.0	1.3	3	11	1	--------	38	45

[1] Figures, except for California, from Oil and Gas Journal. [2] From American Petroleum Institute.
[3] Included in Pennsylvania. [4] Includes New York, Ohio, and West Virginia.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook, except as noted.

No. 869.—Asphalt—Supply, Distribution, and Value: 1938 to 1944

ITEM	1938	1939	1940	1941	1942	1943	1944
Total supply (1,000 tons of 2,000 pounds)	5,575	5,978	6,525	8,022	7,999	8,172	8,476
Native asphalt and related bitumens:							
Produced	478	460	491	691	975	886	790
Imported (chiefly lake asphalt)	24	27	12	14	8	8	8
Petroleum asphalt (excluding road oil):							
Produced at refineries from—							
Domestic petroleum	3,069	4,954	5,347	6,558	6,297	6,757	6,996
Foreign petroleum	1,438						
Imported [1]	10	47	126	145	115	110	118
Stocks, Jan. 1	557	490	550	614	604	411	563
Total distribution (1,000 tons of 2,000 pounds)	5,575	5,978	6,525	8,022	7,999	8,172	8,476
Native asphalt and related bitumens:							
Indicated domestic demand	464	446	479	680	966	851	752
Exports (unmanufactured)	14	14	11	11	9	35	37
Petroleum asphalt (excluding road oil):							
Indicated domestic demand (incl. lake asphalt)	4,405	4,769	5,161	6,502	6,527	6,632	6,944
Exports	202	200	259	225	85	91	116
Stocks, Dec. 31	490	550	614	604	411	563	626
VALUE (1,000 DOLLARS)							
Native asphalt and related bitumens:							
Sales	2,875	3,067	2,725	3,169	4,279	4,288	3,691
Imports (chiefly lake asphalt)	378	363	143	183	136	222	254
Exports (unmanufactured)	544	577	443	329	232	819	730
Petroleum asphalt (excluding road oil):							
Sales [2]	41,381	40,892	45,191	60,513	70,815	78,863	75,715
Imports [1]	39	189	566	777	680	659	673
Exports	3,030	3,098	4,004	3,660	1,585	2,281	2,552

[1] Includes cut-backs and road oil.
[2] Excludes export sales, except for 1938.

No. 870.—Gypsum—Supply, Sales, Imports, and Exports: 1938 to 1944

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

ITEM	1938	1939	1940	1941	1942	1943	1944
Crude gypsum: [1]							
Mined	2,684	3,227	3,699	4,789	4,698	3,878	3,761
Imported	789	1,308	1,405	1,348	394	231	342
Apparent supply	3,474	4,535	5,104	6,136	5,092	4,109	4,104
Calcined gypsum produced: [2]							
Short tons	2,253	2,881	3,308	3,981	3,045	2,558	2,363
Value	10,990	14,621	17,255	19,747	16,403	14,752	13,841
Gypsum products sold: [2]							
Uncalcined uses:							
Short tons	757	868	929	1,321	1,515	1,234	1,056
Value	1,681	1,927	2,251	3,139	3,534	3,115	2,954
Industrial uses:							
Short tons	94	110	124	152	143	164	200
Value	1,155	1,374	1,533	1,885	1,841	2,259	2,551
Building uses, value	33,420	42,627	49,709	64,734	57,796	53,723	50,196
Gypsum and gypsum products:							
Imported for consumption, value	1,002	1,364	1,429	1,282	508	304	393
Exported, value	283	300	264	530	978	284	488

[1] To avoid revealing confidential data, byproduct gypsum is excluded.
[2] Made from domestic, imported, and byproduct crude gypsum.

Source of tables 869 and 870: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 871.—Portland Cement—Production, by States; Shipments, Imports, and Stocks: 1910 to 1944

STATE	1910	1920	1925	1930	1935	1940	1943	1944
	Thousands of barrels of 376 pounds							
Production, total	76,550	100,023	161,659	161,197	76,742	130,217	133,424	90,906
Alabama	[1] 1,481	1,132	6,288	4,821	2,493	5,122	7,560	4,703
California	[2] 6,386	7,098	13,098	10,124	7,974	14,216	18,468	14,651
Illinois	4,459	5,539	7,101	7,935	3,368	4,975	4,682	3,154
Iowa	[3] 2,010	4,849	4,648	7,088	3,520	4,606	4,570	3,383
Kansas	5,656	4,341	6,511	6,012	2,337	3,433	5,959	2,819
Michigan	3,688	4,891	10,936	11,511	4,579	8,603	6,246	5,219
Missouri	4,456	6,018	8,332	7,809	3,392	4,968	4,782	3,478
New York	3,296	5,885	8,770	10,373	4,285	8,437	6,162	[4] 4,180
Ohio	1,528	1,780	5,715	8,632	3,876	6,664	6,413	3,911
Pennsylvania	26,676	28,269	42,347	37,844	15,502	26,853	19,794	12,339
Tennessee	([5])	([5])	([5])	3,875	2,703	3,808	4,774	3,853
Texas	[6] 2,287	2,562	4,858	6,782	3,787	7,375	9,580	6,136
Other States	14,627	27,659	43,055	38,393	18,925	[7] 31,156	[7] 34,434	[7] 23,080
Shipments [8]	([9])	96,312	157,295	159,059	75,233	130,350	127,632	94,272
Imports [10]	307	525	3,667	985	619	538	14	([11])
Stocks at mills (Dec. 31)	([9])	8,833	18,336	25,899	23,065	23,365	23,189	19,823

[1] Includes Georgia and Tennessee.
[2] Includes Washington.
[3] Includes Kentucky and West Virginia.
[4] Includes Maine.
[5] Included in figure for Alabama for 1910; "Other States," 1920 and 1925.
[6] Includes Oklahoma.
[7] Includes production of Puerto Rico.
[8] Including exports made directly by manufacturers and shipments made by them to noncontiguous U. S. Territories and possessions.
[9] Not available.
[10] "Imports for consumption" of portland and other hydraulic cement.
[11] Less than 500 barrels.

No. 872.—Portland Cement—Shipments, by State of Destination: 1941 to 1944

[In thousands of barrels of 376 pounds]

STATE	1941	1942	1943	1944
Shipped from cement plants	167,439	185,301	127,632	94,272
Shipments to States	160,336	177,385	120,658	87,309
New England	7,623	6,818	3,923	2,829
Maine	623	560	440	248
New Hampshire	519	457	268	212
Vermont	238	126	118	117
Massachusetts	3,029	2,716	1,468	1,084
Rhode Island	834	963	535	305
Connecticut	2,379	1,996	1,095	864
Middle Atlantic	29,450	27,446	15,879	11,441
New York	14,097	12,139	5,932	4,058
New Jersey	5,353	5,150	3,435	2,585
Pennsylvania	10,000	10,157	6,512	4,798
East North Central	33,037	34,363	22,404	18,137
Ohio	8,456	8,160	6,384	4,387
Indiana	5,320	6,359	3,407	2,934
Illinois	9,166	9,717	5,985	4,787
Michigan	6,908	7,070	4,826	3,770
Wisconsin	3,187	3,057	1,802	2,260
W. N. Central	15,561	19,087	13,465	9,341
Minnesota	3,035	2,321	1,534	1,638
Iowa	3,259	2,317	2,156	1,996
Missouri	5,030	3,877	2,543	1,970
North Dakota	361	292	268	287
South Dakota	432	1,055	670	288
Nebraska	1,380	4,519	2,590	1,340
Kansas	2,062	4,705	3,705	1,821
South Atlantic	21,718	23,848	18,648	12,035
Delaware	394	348	531	212
Maryland	3,094	3,037	2,620	1,596
Dist. of Col.	1,590	1,566	1,314	667
Virginia	4,772	6,435	3,496	2,434
Shipments to States—Continued.				
South Atlantic—Continued.				
West Virginia	1,690	1,481	1,191	903
North Carolina	2,574	2,420	3,197	2,709
South Carolina	1,759	1,928	1,049	555
Georgia	2,671	2,991	2,252	1,246
Florida	3,172	3,641	2,997	1,713
E. S. Central	10,886	12,601	7,977	4,996
Kentucky	2,705	2,613	1,836	1,258
Tennessee	4,282	5,282	3,002	1,883
Alabama	2,492	3,238	2,354	1,194
Mississippi	1,407	1,468	784	662
W. S. Central	14,714	20,879	14,622	8,837
Arkansas	1,147	2,932	1,280	728
Louisiana	2,837	3,327	2,998	1,589
Oklahoma	2,132	3,219	3,080	1,300
Texas	8,598	11,401	7,264	5,220
Mountain	5,701	9,263	5,837	3,385
Montana	458	483	250	259
Idaho	448	570	726	351
Wyoming	285	379	384	248
Colorado	1,521	2,204	951	694
New Mexico	749	697	464	383
Arizona	794	1,380	997	577
Utah	1,196	1,998	1,454	611
Nevada	250	1,552	612	262
Pacific	21,396	23,062	17,866	16,123
Washington	3,015	4,266	3,700	3,339
Oregon	1,530	1,351	1,008	736
California	16,851	17,444	13,158	12,048
Unspecified	250	18	36	185
Exports direct by manufacturers [1]	7,104	7,915	6,974	6,963

[1] Includes shipments to Alaska, Hawaii, and Puerto Rico, as well as shipments to foreign countries.

Source of tables 871 and 872: Dept. of the Interior, Bur. of Mines; Minerals Yearbook.

No. 873.—Cement—Production, by Kind: 1890 to 1944

Note.—Portland cement; in barrels of 376 pounds; masonry, natural, and puzzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively.

Year	Production in thousands of barrels			Total value in thousands of dollars [1]	Year	Production in thousands of barrels			Total value in thousands of dollars [1]
	Total	Portland	Masonry, natural, and puzzolan			Total	Portland	Masonry, natural, and puzzolan	
1890	7,777	336	7,441	4,527	1928	178,509	176,299	2,210	278,883
1895	8,731	990	7,741	5,482	1929	172,856	170,646	2,209	255,105
1900	17,231	8,482	8,749	13,284	1930	162,989	161,197	1,792	231,249
1905	40,102	35,247	4,855	35,932	1931	126,671	125,429	1,242	142,580
1910	77,785	76,550	1,235	68,752	1932	77,198	76,741	457	82,718
1915	86,708	85,915	[2] 794	74,285	1933	63,984	63,473	511	86,229
1916	92,363	91,521	[2] 842	101,379	1934	78,419	77,748	672	117,882
1917	93,454	92,814	[2] 639	126,106	1935	77,748	76,742	1,006	114,810
1918	71,515	71,082	[2] 433	114,132	1936	114,469	112,650	1,819	172,778
1919	81,307	80,778	[2] 529	138,714	1937	118,075	116,175	1,901	171,414
1920	100,791	100,023	[2] 767	203,198	1938	107,178	105,357	1,821	156,703
1922	115,679	114,790	[2] 889	203,324	1939 [2]	124,698	122,259	2,439	184,255
1923	138,732	137,460	[2] 1,272	263,122	1940 [3]	132,751	130,217	2,535	193,465
1924	150,777	149,358	[2] 1,418	272,345	1941 [3]	166,907	164,031	2,876	250,589
1925	163,388	161,659	1,729	281,076	1942 [3]	185,342	182,781	2,560	286,905
1926	166,635	164,530	2,105	280,786	1943 [3]	135,254	133,424	1,830	202,460
1927	175,330	173,207	2,124	281,736	1944 [3]	92,152	90,906	1,247	151,997

[1] Value of shipments beginning 1925. [2] Shipments. [3] All items except masonry, etc., include data for Puerto Rico.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 874.—Stone—Sales, by Kind and by Use: 1938 to 1944

Variety and use	Quantity sold, thousands of short tons (2,000 pounds) [1]							Value, 1,000 dollars	
	1938	1939	1940	1941	1942	1943	1944	1943	1944
Total	124,839	147,447	153,733	183,108	195,884	171,343	155,580	184,320	175,642
Granite	10,433	12,041	10,881	14,299	14,065	9,240	7,395	18,217	17,200
Basalt and related rocks	13,909	16,091	15,716	17,937	17,627	14,385	14,043	17,700	17,159
Sandstone	6,314	8,854	6,499	7,593	6,701	7,408	6,427	11,071	10,985
Marble	219	228	240	176	170	169	153	3,610	4,375
Limestone	81,680	100,846	112,658	133,164	142,488	128,980	115,506	127,297	118,550
All other	12,284	9,387	7,740	9,939	14,835	11,160	12,055	6,425	7,373
Building stone	1,006	1,353	836	816	481	319	200	2,807	2,769
Monumental	202	211	196	237	226	210	243	9,732	11,397
Paving blocks	38	[2] 26	19	[2] 21	19	7	4	67	45
Curbing	109	[2] 94	71	[2] 66	25	12	17	172	194
Flagging	41	65	68	77	52	32	21	187	219
Rubble	370	549	916	729	544	253	135	403	231
Riprap	6,211	5,812	5,264	5,153	8,764	4,950	4,011	4,835	4,948
Crushed stone	94,763	103,891	100,268	120,964	125,268	99,648	83,081	94,744	78,701
Furnace flux, limestone and marble	9,703	17,288	22,872	27,436	30,263	[3] 31,571	[3] 31,080	[3] 24,506	[3] 25,130
Refractory stone	660	1,492	1,740	2,254	2,718	2,708	2,314	4,577	3,922
Agricultural limestone	4,367	5,459	8,724	11,910	13,745	14,522	18,941	19,057	25,316
Other uses	7,369	11,207	12,757	13,444	13,779	17,113	15,534	23,234	22,770

[1] Quantities of stones not sold by the short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1944 are as follows: Building stone (cut stone, slabs, and mill blocks), 1,224,780 cubic feet; monumental stone, 2,940,150 cubic feet; paving blocks, 655,359 (number); curbing, 207,060 cubic feet; and flagging, 263,590 cubic feet.

[2] To avoid disclosing confidential information, sandstone paving blocks are included under "curbing."

[3] Limestone only.

Source: Department of the Interior, Bureau of Mines ;Minerals Yearbook.

No. 875.—Structural Clay Products—Production and Shipments, by Kind: 1943, 1944, and 1945

[For items showing 1943 figures, data were compiled from manufacturers' reports to the War Production Board and published monthly in Facts for Industry series M26B-115. Annual data for other items, not available during the war, are now published in Facts for Industry series M26A-05.]

PRODUCT AND UNIT OF MEASURE	1943	1944	1945
Unglazed brick:			
Production ... thousands of standard bricks	1,922,013	1,878,397	2,289,442
Shipments: Quantity ... do	2,404,717	2,004,817	2,374,672
Value ... thousands of dollars	31,876	28,793	39,191
Glazed brick:			
Production ... thousands of standard bricks	3,262	1,205	2,006
Shipments: Quantity ... do	3,808	2,326	3,630
Value ... thousands of dollars	133	81	151
Unglazed hollow facing tile:			
Production ... thousands of brick equivalent	85,874	81,875	89,069
Shipments: Quantity ... do	96,519	92,624	98,793
Value ... thousands of dollars	1,956	1,936	2,275
Glazed hollow facing tile:			
Production ... thousands of brick equivalent	51,332	70,634	85,491
Shipments: Quantity ... do	58,265	80,668	92,651
Value ... thousands of dollars	2,057	3,177	3,856
Vitrified paving brick:			
Production ... thousands of bricks	26,619	14,280	14,504
Shipments: Quantity ... do	33,259	21,848	22,507
Value ... thousands of dollars	948	654	692
Unglazed structural tile:			
Production ... short tons	841,913	715,986	738,518
Shipments: Quantity ... do	988,950	800,790	797,954
Value ... thousands of dollars	6,710	5,714	6,392
Vitrified clay sewer pipe:			
Production ... short tons	927,090	738,932	697,508
Shipments: Quantity ... do	908,214	781,829	776,517
Value ... thousands of dollars	19,047	17,388	18,333
	1939		
Floor and wall tile and accessories:			
Glazed and enameled—			
Production ... thousands of sq. ft	[1] 65,672	[1] 29,195	24,678
Shipments: Quantity ... do	(2)	[1] 30,527	24,670
Value ... thousands of dollars	(2)	[1] 7,675	7,350
Other (except quarry tile)—			
Production ... thousands of sq. ft	(1)	(1)	8,680
Shipments: Quantity ... do	(2)	(1)	8,492
Value ... thousands of dollars	(2)	(1)	2,095
Drain tile:			
Production ... short tons	487,119	412,496	435,819
Shipments: Quantity ... do	(2)	421,947	443,910
Value ... thousands of dollars	(2)	4,422	4,491
Flue lining chimney pipe, tops, and thimbles:			
Production ... short tons	190,041	36,649	48,031
Shipments: Quantity ... do	(2)	40,233	52,643
Value ... thousands of dollars	(2)	973	1,274
Terra cotta:			
Production ... short tons	28,009	838	1,814
Shipments: Quantity ... do	(2)	780	1,254
Value ... thousands of dollars	(2)	129	189
Roofing tile:			
Production ... squares	243,040	(2)	48,160
Shipments: Quantity ... do	(2)	(2)	54,456
Value ... thousands of dollars	(2)	(3)	803
Other kindred structural clay products:			
Production	(2)	(2)	(2)
Shipments: Quantity	(2)	(2)	(2)
Value ... thousands of dollars	(2)	[3] 2,265	2,564

[1] Other (except quarry tile) included with glazed and enameled floor and wall tile and accessories.
[2] Not available.
[3] Roofing tile included with other kindred structural clay products.

Source: Department of Commerce, Bureau of the Census; Facts for Industry series (see headnote).

No. 876.—Salt—Production, Exports, and Imports, 1880 to 1944, and Production, by States and by Kind, 1925 to 1944

Note.—All quantity figures in short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption.

Year	Production	Exports	Imports	Year	Production	Exports	Imports
1880	834,548	1,642	509,703	1933	7,604,972	105,178	30,132
1885	985,411	2,108	440,290	1934	7,612,074	105,365	53,124
1890	1,242,779	2,464	257,323	1935	7,926,897	112,213	51,245
1895	1,913,751	3,602	279,576	1936	8,828,936	76,974	51,041
1900	2,921,708	7,511	199,909	1937	9,241,564	70,111	45,996
1905	3,635,257	34,238	161,159	1938	8,025,768	67,498	39,513
1910	4,242,792	49,013	137,103	1939	9,277,911	124,273	46,033
1915	5,352,409	80,474	122,326	1940	10,359,960	147,044	30,402
1920	6,840,029	139,272	137,654	1941	12,720,629	123,196	15,432
1925	7,397,500	155,079	85,788	1942	13,693,284	118,424	7,754
1930	8,054,440	70,478	54,021	1943	15,214,152	145,803	1,258
1931	7,358,070	98,710	33,216	1944	15,717,171	198,368	5,554
1932	6,407,973	63,581	28,018				

State or kind	1925	1930	1935	1940	1942	1943	1944
Production, total	7,397,500	8,054,440	7,926,897	10,359,960	13,693,284	15,214,152	15,717,171
By States:							
Michigan	2,172,600	2,558,290	2,128,171	2,863,035	3,946,591	4,284,685	4,287,758
New York	2,053,970	2,009,280	1,927,822	2,117,671	2,722,670	2,926,388	2,925,675
Ohio	1,173,590	1,311,440	1,487,315	2,080,133	2,711,188	2,818,928	2,891,395
Kansas	812,540	759,800	608,204	684,053	860,083	945,287	932,238
Louisiana	500,350	535,250	702,990	1,132,594	1,332,120	1,620,382	1,843,728
California	292,480	350,370	356,222	469,354	546,320	596,015	712,558
Texas	(1)	(1)	268,809	402,165	821,111	1,127,854	1,147,397
Utah	88,150	85,240	57,625	71,472	110,871	169,810	119,809
West Virginia	25,870	28,670	65,968	144,312	140,216	230,320	350,217
Other States	277,950	416,100	323,771	395,171	502,105	494,474	497,396
By kinds:							
Manufactured (evaporated)	2,235,170	2,358,610	2,330,042	2,782,741	3,517,832	3,993,899	3,942,621
In brine	2,819,690	3,718,460	3,837,613	5,311,671	7,373,165	7,961,115	8,326,312
Rock salt	2,342,640	1,977,370	1,759,242	2,265,548	2,802,287	3,259,138	3,448,238
Total value [2] (dollars)	26,162,361	25,009,480	21,837,911	26,474,619	38,144,234	43,878,266	45,989,264

[1] Included in "Other States."
[2] F. o. b. mine or refinery; values do not include cost of cooperage or containers.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 877.—Accidents in Mineral Industries—Number of Men Working, Killed, and Injured, and Rate: 1929 to 1944

Year	Average days active	Average number of men working: Actual number	Average number of men working: Equivalent in 300-day workers	Man-days worked	Number killed	Number injured: Total	Number injured: Excluding coal mines	Number killed or injured per thousand 300-day workers: Killed	Injured: Total	Injured: Excluding coal mines
1929	243	928,648	752,809	225,842,583	2,728	(1)	38,806	3.6	(1)	143.1
1930	217	888,514	641,750	192,524,971	2,492	130,580	26,759	3.9	203.5	117.0
1931	188	784,347	492,009	147,602,799	1,707	96,412	16,063	3.5	196.0	99.7
1932	165	671,343	368,852	110,655,616	1,368	68,717	9,745	3.7	186.3	91.6
1933	181	677,722	409,292	122,787,658	1,242	72,342	11,029	3.0	176.7	98.6
1934	195	739,737	481,807	144,542,133	1,429	81,660	13,652	3.0	169.5	100.9
1935	195	783,139	507,847	152,354,170	1,495	82,220	16,645	2.9	161.9	98.3
1936	216	824,514	593,068	177,920,334	1,686	92,644	23,068	2.8	156.2	109.8
1937	217	859,951	622,634	186,790,283	1,759	96,484	28,207	2.8	155.0	117.7
1938	187	774,894	483,523	145,056,875	1,369	71,618	20,304	2.8	148.1	107.3
1939	202	788,025	531,295	159,388,490	1,334	75,495	21,480	2.5	142.1	102.5
1940	219	801,926	585,546	175,663,792	1,716	82,861	23,080	2.9	141.5	99.7
1941	234	835,095	651,417	195,425,228	1,621	90,319	26,854	2.5	138.7	102.0
1942	260	802,640	695,800	208,739,906	1,862	94,465	24,901	2.7	135.8	93.8
1943	277	753,096	695,672	208,701,470	1,803	88,959	24,365	2.6	127.9	90.9
1944 [2]	281	686,635	643,447	193,034,016	1,574	86,153	20,253	2.4	133.9	89.5

[1] Not available. [2] Preliminary.

Source: Department of the Interior, Bureau of Mines; see bulletins listed in source note below.

No. 878.—Accidents in Mineral Industries—Number of Men Working, Killed, and Injured, by Industry Groups: 1944 and Earlier Years

Year	Avg. no. working: Actual number	Avg. no. working: Equivalent in 300-day workers	Killed	Injured: Temporary	Injured: Permanent
Metalmines: [1]					
1915	152,118	141,997	553	34,686	609
1920	136,583	134,540	425	32,205	357
1925	126,713	123,908	371	34,458	674
1930	103,233	92,900	271	15,091	503
1935	92,314	67,841	164	9,953	253
1937	118,429	99,522	219	17,614	441
1938	103,027	78,353	156	12,347	375
1939	111,909	86,775	173	13,390	320
1940	120,120	96,822	223	14,343	423
1941	125,290	106,512	230	15,285	487
1942	112,446	104,806	237	13,516	441
1943	106,200	101,864	224	13,074	440
1944 [2]	87,808	81,393	154	10,285	385
Quarries:					
1915	100,740	82,447	148	9,148	523
1920	86,488	77,089	178	10,880	337
1925	91,872	83,487	149	13,713	452
1930	80,633	68,531	105	7,152	265
1935	73,005	48,744	51	4,023	129
1937	84,094	67,547	77	6,171	177
1938	77,497	57,519	82	4,869	158
1939	79,449	62,420	48	5,055	149
1940	79,509	63,737	72	5,016	172
1941	86,123	74,566	76	6,675	195
1942	84,270	76,025	112	6,199	150
1943	69,877	63,785	80	5,059	140
1944	58,476	52,302	73	4,322	115
Metallurgical plants:					
1916	80,201	88,596	83	14,863	217
1920	59,232	65,587	61	8,714	149
1925	58,935	66,220	44	7,480	231
1930	40,787	44,403	25	2,570	156
1935	36,493	35,438	28	1,843	119
1937	47,530	49,664	41	3,064	153
1938	39,043	37,943	20	2,136	137
Metallurgical plants—Con.					
1939	41,583	41,981	24	2,081	90
1940	49,068	48,278	18	2,438	144
1941	54,349	56,388	34	3,268	142
1942	51,154	56,911	29	3,518	156
1943	64,758	72,542	31	4,443	223
1944	58,085	63,710	38	3,928	230
Coke ovens:					
1916	31,603	34,119	45	5,154	83
1920	28,139	29,921	49	3,336	79
1925	23,254	24,054	28	1,652	44
1930	19,855	22,936	28	990	32
1935	16,125	17,251	10	304	21
1937	20,042	22,997	9	554	33
1938	13,799	15,456	6	262	20
1939	16,609	18,486	11	376	19
1940	19,962	22,579	15	522	22
1941	22,641	25,805	15	770	32
1942	23,909	27,606	13	891	30
1943	25,765	29,825	17	941	45
1944	24,766	28,958	15	952	36
Coal mines:					
1911	728,348	532,565	2,656	(3)	(3)
1915	734,008	511,598	2,269	(3)	(3)
1920	784,621	601,283	2,272	(3)	(3)
1925	748,805	480,227	2,234	(3)	(3)
1930	644,006	412,979	2,063	101,093	2,728
1935	565,202	338,572	1,242	63,701	1,874
1936	584,582	382,972	1,342	67,652	1,924
1937	589,856	382,904	1,413	66,344	1,933
1938	541,528	294,252	1,105	49,706	1,608
1939	539,375	321,633	1,078	52,242	1,773
1940	533,267	354,130	1,388	57,630	2,151
1941	546,692	388,146	1,266	61,284	2,181
1942	530,861	430,452	1,471	67,454	2,110
1943	486,496	427,656	1,451	63,281	1,313
1944 [2]	457,500	417,083	1,294	65,900	(3)

[1] Figures include data for mines producing nonmetallic minerals other than coal.
[2] Preliminary. [3] Not available.

Source: Department of the Interior, Bureau of Mines; annual bulletins, Metal Mine Accidents, Quarry Accidents, Accidents at Metallurgical Plants, Coke Oven Accidents, and Coal Mine Accidents.

30. Construction and Housing

No. 879.—Construction in the United States—Estimated Expenditures for Public and Private Construction: 1929 to 1945

[These estimates represent the value of work performed during the year, as measured by expenditures for labor, material, and other items. They consequently differ from building permit and construction contract data which measure the value of work started. In addition, they have a generally broader coverage than permit and contract data. Figures include value and cost of installation of equipment which is an integral part of a structure, but not that of machinery, shipbuilding, or land costs. Annual estimates, 1915–28, comparable with data below, are available in Office of Domestic Commerce, Construction Division, in Industry Report on Construction and Construction Materials, September 1945]

[In millions of dollars]

FUNCTION OF OWNERSHIP	1929	1930	1931	1932	1933	1934	1935	1936	1937
Total	13,772	11,924	9,088	5,628	4,496	5,847	6,341	8,998	9,614
New construction, total	9,907	8,404	6,205	3,441	2,350	2,928	3,337	4,880	5,585
Private, total	7,496	5,627	3,628	1,647	1,134	1,442	1,888	2,703	3,543
Residential (excl. farm) [1]	2,797	1,790	1,460	638	413	591	913	1,368	1,655
Nonresidential building [2]	2,848	2,123	1,116	505	407	456	475	715	1,093
Industrial [3]	941	521	216	72	175	190	157	265	489
Commercial [3]	1,131	891	454	224	131	172	211	288	387
Other	776	711	446	209	101	94	107	162	217
Farm construction	279	193	97	39	69	93	176	189	225
Public utility construction	1,572	1,521	955	465	245	302	324	431	570
Public, total	2,411	2,777	2,577	1,794	1,216	1,486	1,449	2,177	2,042
Residential						1	9	61	93
Military and naval	19	29	40	34	36	47	37	29	37
Nonresidential building	642	647	591	408	191	207	260	546	467
Industrial [3]						9	4	3	4
Other [3]	642	647	591	408	191	198	256	543	463
Highway	1,248	1,481	1,323	916	675	821	622	876	850
Sewage disposal and water supply	253	343	270	156	81	116	137	208	174
Conservation and development	86	111	135	139	168	245	317	339	310
Other [4]	163	166	218	141	65	49	67	118	111
Work relief					114	578	406	1,130	775
Maintenance	3,865	3,520	2,883	2,187	2,032	2,341	2,598	2,988	3,254

FUNCTION OR OWNERSHIP	1938	1939	1940	1941	1942	1943	1944	1945
Total	9,543	10,403	11,357	15,054	17,705	11,950	8,512	9,481
New construction, total	5,274	6,017	6,918	10,543	13,498	7,787	4,049	4,661
Private, total	3,182	3,606	4,179	5,197	2,842	1,569	1,598	2,597
Residential (excl. farm) [1]	1,767	2,114	2,355	2,750	1,268	616	499	780
Nonresidential building [2]	767	789	1,029	1,488	636	217	352	1,038
Industrial [3]	229	251	440	796	342	129	209	652
Commercial [3]	287	295	352	416	161	39	61	212
Other	251	243	237	276	133	49	82	174
Farm construction	196	226	236	303	271	259	190	200
Public utility construction	452	477	559	656	667	477	557	579
Public, total	2,092	2,411	2,739	5,346	10,656	6,218	2,451	2,064
Residential	35	76	205	479	600	685	190	71
Military and naval	62	119	510	1,756	5,060	2,423	720	562
Nonresidential building	571	762	497	1,667	3,742	2,111	879	836
Industrial [3]	14	14	144	1,400	3,571	2,006	748	640
Other [3]	557	748	353	267	171	105	131	196
Highway	837	869	896	836	664	454	360	302
Sewage disposal and water supply	179	162	194	168	139	102	79	97
Construction and development	299	318	325	350	360	270	163	130
Other [4]	109	105	112	90	91	173	60	66
Work relief	1,202	1,032	805	627	291	30		
Maintenance	3,067	3,354	3,634	3,884	3,916	4,133	4,463	4,820

[1] Estimates of new private nonfarm residential construction prepared by Bureau of Labor Statistics.
[2] Excludes nonresidential building by privately-owned public utilities.
[3] Public industrial and commercial building included in data for private construction in 1929–33.
[4] Includes construction expenditures for such municipal enterprises as electric light and power plants, street railways and other transit systems, gas systems, ports, docks, harbors, ferries, airports, terminals, pipe lines, etc., and miscellaneous Federal construction.

Source: Estimates of new construction for 1944 and 1945 are joint estimates of Dept. of Commerce, Office of Domestic Commerce, and Dept. of Labor, Bureau of Labor Statistics; other data except as indicated in note 1, are estimates of Office of Domestic Commerce, Construction Division. Current estimates are published monthly in the Industry Report on Construction and Construction Materials.

No. 880.—New Dwelling Units in Nonfarm Areas, by Type: 1920 to 1945

[Figures are estimates covering construction of all new family dwelling units in the nonfarm area of the United States, based upon building-permit reports. This area consists of all urban and rural nonfarm places. The urban designation is applied to all incorporated places with a population of 2,500 or more in 1940, and, by special rule, to a small number of unincorporated civil divisions. Rural nonfarm construction includes all construction for nonagricultural use in unincorporated areas and incorporated places of less than 2,500 population. Hence, urban construction is classified by location, whereas rural nonfarm construction is classified according to the intended use of individual buildings]

Year	Total nonfarm	Area [1]		Type of dwelling		
		Urban	Rural nonfarm	1-family	2-family [2]	Multifamily [3]
1920	247,000	196,000	51,000	202,000	24,000	21,000
1921	449,000	359,000	90,000	316,000	70,000	63,000
1922	716,000	574,000	142,000	437,000	146,000	133,000
1923	871,000	698,000	173,000	513,000	175,000	183,000
1924	893,000	716,000	177,000	534,000	173,000	186,000
1925	937,000	752,000	185,000	572,000	157,000	208,000
1926	849,000	681,000	168,000	491,000	117,000	241,000
1927	810,000	643,000	167,000	454,000	99,000	257,000
1928	753,000	594,000	159,000	436,000	78,000	239,000
1929	509,000	400,000	109,000	316,000	51,000	142,000
1930	330,000	236,000	94,000	227,000	29,000	74,000
1931	254,000	174,000	80,000	187,000	22,000	45,000
1932	134,000	64,000	70,000	118,000	7,000	9,000
1933	93,000	45,000	48,000	76,000	5,000	12,000
1934	126,000	49,000	77,000	109,000	5,000	12,000
1935	221,000	117,000	104,000	183,000	8,000	30,000
1936	319,000	211,000	108,000	244,000	14,000	61,000
1937	336,000	218,000	118,000	267,000	16,000	53,000
1938	406,000	262,000	144,000	317,000	18,000	71,000
1939	515,000	359,000	156,000	399,000	29,000	87,000
1940	603,000	397,000	206,000	486,000	37,000	80,000
1941	715,000	440,000	275,000	613,000	34,000	68,000
1942	497,000	281,000	216,000	391,000	20,000	86,000
1943	350,000	209,000	141,000	286,000	18,000	46,000
1944	169,000	115,000	54,000	145,000	11,000	13,000
1945	245,000	161,000	84,000	219,000	10,000	16,000

[1] Urban and rural nonfarm classifications for years 1920–29 are based on 1930 Census; for years 1930–45, on 1940 Census.
[2] Includes 1- and 2-family dwellings with stores.
[3] Includes multifamily dwellings with stores.

Source: 1920–29, National Bureau of Economic Research; 1930 and later years, Department of Labor, Bureau of Labor Statistics; data for 1930–43 published in The Construction Industry in the United States, Bulletin No. 786; subsequent annual and current data are published in monthly releases.

No. 881.—Building Construction in All Urban Areas—Value, by Class of Construction and by Source of Funds: 1944 and 1945

[Data are compiled from estimates of construction costs made by the prospective builders when applying for permits to build and value of contracts awarded by the Federal Government. Figures cover entire urban area of the United States which includes all incorporated places of 2,500 or more in 1940 and, by special rule, a small number of unincorporated civil divisions.]

Class of construction	Value (in thousands)					
	Total		Nonfederal		Federal	
	1944	1945 [1]	1944	1945 [1]	1944	1945 [1]
All building construction	$1,101,351	$2,023,372	$753,441	$1,780,828	$347,910	$242,544
New buildings	784,581	1,514,198	458,347	1,300,773	326,234	213,423
Residential buildings	345,671	670,806	289,269	641,230	56,402	29,576
1-family dwellings	274,586	567,772	220,174	540,615	54,412	27,157
2-family dwellings [2]	32,132	31,728	32,132	31,728	----------	----------
Multifamily dwellings [3]	34,889	54,885	34,889	54,885	----------	----------
Nonhousekeeping buildings	4,064	16,421	2,074	14,002	1,990	2,419
Nonresidential buildings	438,910	843,390	169,078	659,543	269,832	183,847
Amusement buildings	12,236	15,524	4,602	14,830	7,634	694
Churches	5,538	17,368	4,732	17,328	806	40
Factories and workshops	159,705	264,640	67,965	215,939	91,740	48,701
Public garages	3,942	33,599	3,431	33,599	511	----------
Private garages	11,004	29,995	11,001	29,995	3	----------
Service stations	1,273	9,105	1,271	9,105	2	----------
Institutions	43,149	65,248	3,616	25,636	39,533	39,612
Office buildings	5,425	30,669	4,768	30,503	657	166
Public buildings	98,937	77,965	1,689	2,017	97,248	75,948
Public work and utilities	26,263	34,653	16,154	24,929	10,109	9,724
Schools and libraries	17,722	28,662	5,387	21,663	12,335	6,999
Sheds, stables, and barns	4,136	8,025	4,084	7,998	52	27
Stores and warehouses	45,530	215,346	36,328	215,255	9,202	91
All other	4,050	12,591	4,050	10,746	----------	1,845
Additions, alterations, and repairs	316,770	509,176	295,094	480,055	21,676	29,121
On residential buildings	136,430	194,980	133,193	194,240	3,237	740
Housekeeping dwellings	131,523	187,389	129,121	186,975	2,402	414
Nonhousekeeping buildings	4,907	7,591	4,072	7,265	835	326
On nonresidential buildings	180,340	314,196	161,901	285,815	18,439	28,381

[1] Preliminary.
[2] Includes 1- and 2-family dwellings with stores.
[3] Includes multifamily dwellings with stores.

Source: Department of Labor, Bureau of Labor Statistics; annual and current data are published in monthly releases and Monthly Labor Review.

No. 882.—Construction Projects Financed Wholly or Partially From Federal Funds—Value of Contracts Awarded and Force Account Work Started: 1935 to 1945

[In thousands of dollars. Data cover continental United States only, excluding unknown value of some secret work]

TYPE OF PROJECT	1935	1936	1937	1938	1939
Total	1,478,073	1,543,246	1,046,067	1,689,992	1,686,874
Airport construction [1]	(2)	(2)	(2)	(2)	4,753
Building construction:					
Residential	7,833	63,465	17,239	31,809	231,071
Nonresidential	[3] 434,949	[3] 497,929	[3] 327,328	[3] 644,733	438,151
Electrification	5,497	24,685	62,342	104,981	130,045
Reclamation	158,027	73,797	59,051	175,382	115,612
River, harbor, and flood control	280,698	115,913	73,959	128,492	109,811
Streets, roads, and highways [4]	381,037	511,685	360,865	372,238	355,701
Water and sewerage	136,243	154,807	75,558	116,314	118,131
Miscellaneous [5]	73,789	100,965	69,725	116,043	183,599

TYPE OF PROJECT	1940	1941	1942	1943	1944	1945
Total	3,028,283	4,705,245	8,809,641	2,522,549	1,182,686	997,251
Airport construction [1]	137,112	232,161	579,176	235,321	97,710	40,776
Building construction:						
Residential	244,671	320,063	620,781	397,770	97,919	46,729
Nonresidential	1,926,584	3,395,086	6,509,323	1,345,855	650,396	561,674
Electrification	96,039	86,782	71,487	24,391	41,228	114,615
Reclamation	69,028	41,863	150,708	97,129	64,071	31,415
River, harbor, and flood control	128,561	118,665	67,087	54,467	43,783	41,036
Streets, roads, and highways [4]	364,048	442,805	347,988	161,852	110,657	100,994
Water and sewerage	16,809	22,243	152,344	37,701	29,298	22,755
Miscellaneous [5]	45,431	45,577	310,747	168,063	47,624	37,257

[1] Exclusive of hangars and other buildings.
[2] Included in miscellaneous.
[3] Includes all contracts awarded by the Resettlement Administration for residential construction, except for 3 large suburban developments.
[4] Includes work under jurisdiction of Public Roads Administration.
[5] Includes forestry and railroad construction and repair projects.

Source: Department of Labor, Bureau of Labor Statistics; 1935–43 from annual reports on building construction; subsequent annual and current data are published in monthly releases and in *Monthly Labor Review*.

No. 883.—Construction Contracts Awarded in 37 States—Value of Construction and Floor Space of Buildings, by Class of Construction: 1927 to 1945

Note.—For State figures, see table 884. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the Statistical Abstract. Figures for the individual States and districts in table 884 represent the value of construction contracts awarded in the States and districts where the work was actually done.

[Values in millions and tenths of millions of dollars; floor space in thousands of square feet]

Year	Total	Residential	Commercial [1]	Manufacturing buildings [2]	Public works	Public utilities [1 2]	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous nonresidential
Value of construction:												
1927	6,303.1	2,573.3	932.9	375.9	972.9	318.3	368.9	162.5	79.5	156.5	260.9	101.5
1928	6,628.3	2,788.3	884.6	508.8	984.4	417.4	390.0	164.7	76.2	127.9	218.8	67.0
1929	5,750.8	1,915.7	929.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931	3,092.8	811.4	311.1	116.2	880.9	259.9	223.4	121.2	181.3	53.1	98.7	35.8
1932	1,351.2	280.1	122.7	43.5	521.1	62.4	80.7	48.4	118.0	27.3	33.9	13.2
1933	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	18.7
1934 [3]	1,543.1	248.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935	1,844.5	478.8	164.5	108.9	589.1	95.7	168.3	47.1	97.8	23.7	54.9	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,913.1	905.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,196.9	985.8	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	246.9	174.8	961.7	289.0	201.4	82.9	110.0	38.4	82.2	28.9
1940	4,004.0	1,596.9	318.3	442.4	831.3	281.1	147.2	94.1	80.2	45.7	62.6	104.2
1941	6,007.5	1,953.8	471.2	1,181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1	213.6
1942	8,255.1	1,817.7	302.2	2,227.5	1,302.5	1,238.1	147.9	184.9	101.6	23.5	101.3	807.7
1943	3,274.0	867.8	120.7	766.2	470.6	511.4	62.4	110.7	24.7	7.1	58.2	274.2
1944	1,994.0	348.4	80.8	472.7	429.6	316.6	69.2	59.2	11.9	11.6	32.7	161.3
1945	3,299.3	563.5	346.4	1,027.0	482.6	402.8	100.2	112.6	15.9	34.8	60.3	153.2
Floor space of buildings:												
1927	850,578	494,565	141,815	68,131	918	4,535	53,917	18,802	9,943	17,192	33,520	7,240
1928	966,558	568,332	159,192	92,902	609	3,496	61,490	20,004	11,288	15,398	28,012	5,785
1929	791,099	387,670	161,264	105,524	450	5,353	58,639	19,496	12,626	12,818	21,457	5,802
1930	510,382	230,040	96,586	48,019	826	7,611	56,955	19,121	17,023	10,864	16,089	7,248
1931	365,841	190,274	50,037	20,109	496	4,550	36,598	16,880	24,257	5,578	14,018	3,044
1932	155,577	73,607	23,884	9,048	575	1,219	13,710	7,319	16,198	3,518	5,535	964
1933	147,053	72,783	22,551	18,985	170	1,491	5,523	5,598	9,474	2,633	5,606	2,239
1934	152,394	64,255	28,261	17,566	292	1,804	16,775	4,222	9,425	2,650	6,532	612
1935	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,909	934
1936	409,676	222,514	57,178	40,291	1,038	3,360	41,985	10,369	14,282	4,312	12,852	1,495
1937	446,084	235,515	62,283	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,568	41,789	25,246	1,038	1,679	57,022	17,235	15,564	5,303	17,691	5,893
1939	513,380	332,656	48,798	44,268	603	1,319	34,418	11,593	15,121	6,213	12,371	6,020
1940	690,459	420,531	66,588	94,772	330	1,536	24,761	14,401	11,869	7,108	11,909	36,653
1941	956,719	502,676	105,851	187,923	11,647	2,104	24,499	15,394	14,453	8,567	14,761	68,844
1942	1,314,220	449,454	74,079	446,055	13,400	3,837	30,586	34,083	19,806	3,477	23,326	216,117
1943	448,244	200,647	22,171	105,822	1,851	1,090	11,969	19,947	4,754	1,001	12,862	66,130
1944	234,549	73,955	12,490	84,356	1,290	3,748	9,797	7,637	1,999	1,420	5,096	32,769
1945	412,423	111,244	63,197	158,207	1,348	13,701	12,463	11,331	1,858	4,569	8,097	26,423

[1] Owing to change in classification, data for airports have been excluded from "Commercial" class and included with "Public utilities" for 1930 and subsequent years. Separate figures for airports are not available for years prior to 1930.

[2] Owing to change in classification, figures for "Manufacturing buildings" class exclude data for pipe lines for 1929 and subsequent years (separate figures not available for years prior to 1929), which data are included with those for "Public utilities."

[3] Figures exclude data for 23 projects, valued at $29,551,900, for which data by class of construction are not available. These projects were under Civil Works Program, which was not in existence after March 1934.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 884.—Construction Contracts Awarded in 37 States—Value by Districts and States: 1938 to 1945

[Value in thousands of dollars. See headnote, table 883]

District and state	1938	1939	1940	1941	1942	1943	1944	1945
Total (37 states)	3,196,928	3,550,543	4,003,957	6,007,474	8,255,061	3,273,990	1,994,016	3,299,303
New England	255,210	255,223	324,695	439,407	415,903	190,756	88,778	164,627
Connecticut	73,083	76,781	84,789	128,405	94,175	54,901	23,623	55,313
Maine	15,517	8,193	13,774	35,567	47,967	27,427	6,531	6,816
Massachusetts	126,063	126,990	150,145	200,131	152,946	74,113	39,988	82,895
New Hampshire	11,347	12,354	11,574	23,911	19,344	2,789	3,456	4,704
Rhode Island	22,316	23,692	55,203	43,158	96,466	27,038	13,980	12,121
Vermont	6,884	7,213	9,210	8,235	5,005	4,488	1,200	2,778
Metrop. N. Y. and No. N. J.	587,703	547,176	488,360	561,699	421,722	165,443	156,949	247,454
Northern New Jersey	92,302	116,018	125,327	190,607	195,810	72,986	103,743	101,618
Metropolitan New York [1]	495,401	431,158	363,033	371,092	225,912	92,457	53,206	145,836
Upstate New York [2]	127,026	138,691	111,198	174,856	316,581	77,804	54,612	79,289
Middle Atlantic	364,762	433,455	577,747	863,729	1,167,468	485,371	337,381	458,308
Delaware	11,375	13,635	16,612	13,255	34,192	15,332	7,837	13,913
District of Columbia	46,437	77,175	64,790	84,011	101,974	33,682	30,382	41,510
Maryland	72,528	80,833	122,564	193,571	228,822	106,942	83,951	101,725
Southern New Jersey	19,860	24,738	39,240	39,308	38,089	39,487	14,157	30,745
Eastern Pennsylvania	133,917	158,572	165,648	283,312	351,385	116,686	93,807	157,784
Virginia	80,645	78,502	168,893	250,272	413,006	173,242	107,247	112,631
Southeast	288,357	373,123	529,678	900,115	1,113,353	703,820	256,159	483,917
Alabama	34,560	42,352	56,630	157,706	204,128	65,493	30,484	50,870
Florida	74,720	92,223	167,058	157,603	290,697	164,556	81,256	106,027
Georgia	50,847	64,837	91,277	158,910	188,641	73,711	42,300	66,759
North Carolina	61,638	68,402	80,843	200,331	170,694	91,438	46,293	80,564
South Carolina	34,814	41,077	48,833	87,579	110,324	52,160	21,784	21,948
Eastern Tennessee	31,769	64,232	85,037	137,986	148,869	256,462	34,042	157,749
Pittsburgh	127,088	141,348	143,421	197,758	252,198	62,975	61,515	91,797
Western Pennsylvania	92,469	104,837	102,808	137,190	182,181	40,654	35,799	60,953
West Virginia	34,619	36,511	40,613	60,568	70,017	22,321	25,716	30,844
Cleveland (North and East Ohio)	148,934	194,950	195,725	259,807	369,341	146,942	99,071	184,027
Cincinnati	106,457	216,803	127,789	198,178	268,437	105,345	46,605	110,110
Kentucky	59,934	167,166	56,555	106,424	169,822	34,954	22,338	45,565
Southwest Ohio	46,523	49,637	71,234	91,754	98,615	70,391	24,267	64,545
Southern Michigan	191,541	155,998	211,307	270,524	260,062	160,769	85,619	173,979
Chicago	327,121	401,282	442,113	725,895	1,035,388	273,449	258,952	509,695
Northern Illinois	119,954	191,559	179,615	265,426	363,617	119,354	99,007	201,114
Indiana	78,671	87,155	125,990	254,783	403,562	89,772	66,082	184,712
Iowa	57,213	55,206	58,801	111,347	65,255	35,785	33,297	48,792
Northern Michigan	7,827	5,898	5,481	7,591	36,954	908	2,551	2,680
Southeast Wisconsin	63,456	61,464	72,226	86,748	166,000	27,630	58,065	72,397
St. Louis	187,429	196,930	216,916	392,431	510,643	126,918	110,985	214,991
Arkansas	27,683	29,172	29,103	83,195	153,499	44,555	42,251	76,568
Southern Illinois	74,861	78,380	77,977	91,828	186,355	38,597	30,531	46,043
Eastern Missouri	70,454	71,242	88,506	155,769	87,946	20,097	27,800	63,314
Western Tennessee	14,431	18,136	21,330	61,639	82,843	23,669	10,403	29,066
New Orleans	91,825	93,279	122,164	200,484	381,612	121,203	73,481	70,413
Louisiana	56,931	61,677	70,066	135,246	182,780	82,345	52,796	46,312
Mississippi	34,894	31,602	52,098	65,238	198,823	38,858	20,685	24,101
Minneapolis	85,842	95,018	93,585	125,539	251,889	39,695	40,823	83,335
Minnesota	56,779	69,446	66,132	94,021	153,613	18,548	27,967	56,635
North Dakota	8,258	8,364	7,335	8,658	3,445	3,710	4,400	6,703
South Dakota	9,945	7,696	9,817	10,799	36,899	13,090	4,228	7,626
Northwest Wisconsin	10,860	9,512	10,301	12,061	57,932	4,347	4,228	12,371
Kansas City	139,083	127,930	165,407	299,314	652,231	294,432	163,230	162,757
Kansas	35,431	35,478	51,989	100,683	264,352	80,025	67,551	49,511
Western Missouri	24,673	24,101	33,483	49,818	69,500	11,266	16,048	30,080
Nebraska	32,126	33,938	25,568	29,618	158,808	83,150	43,447	38,217
Oklahoma	46,853	34,413	54,367	119,195	159,571	119,991	36,184	44,949
Texas	168,550	179,337	253,852	397,738	838,233	319,268	159,856	264,604
Totals for States in more than one district:								
Illinois	194,815	269,939	257,592	357,254	549,972	157,951	129,538	247,157
Michigan	199,368	161,896	216,788	278,115	297,016	161,677	88,170	176,659
Missouri	95,127	95,343	121,989	206,303	157,446	31,361	43,848	93,394
New Jersey	112,162	140,756	164,567	229,915	233,899	112,473	117,900	132,363
New York	622,427	569,849	474,231	545,948	542,493	170,061	107,818	225,125
Ohio	195,457	244,587	266,959	351,561	467,956	217,333	121,409	248,572
Pennsylvania	226,386	263,409	268,456	420,502	533,566	157,340	129,606	218,737
Tennessee	46,200	82,368	106,367	199,625	231,712	280,131	44,445	186,815
Wisconsin	74,316	70,976	82,527	98,809	223,932	31,977	62,293	84,768

[1] New York City, Long Island, and Westchester, Orange, Putnam, and Rockland Counties, N. Y.
[2] All counties north of Orange, Putnam, and Rockland.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in Statistical Research Service.

No. 885.—Construction Contracts Awarded in 37 States—Value, by Public and Private Ownership, and Floor Space, by Months: 1941 to 1945

[See headnote, table 883]

Month	Value (thousands of dollars)									
	Total					Public ownership				
	1941	1942	1943	1944	1945	1941	1942	1943	1944	1945
Total	6,007,474	8,255,061	3,273,990	1,994,016	3,299,303	3,492,136	7,146,017	2,695,108	1,435,092	1,311,347
January	305,205	316,846	350,661	159,238	140,949	124,314	198,251	315,575	121,875	74,960
February	270,373	433,557	393,517	137,246	146,957	104,801	310,249	363,852	108,812	74,153
March	479,903	610,799	339,698	176,383	328,874	268,556	472,817	304,032	133,264	221,448
April	406,675	498,742	303,371	179,286	395,798	184,009	354,575	253,334	132,845	309,004
May	548,700	673,517	234,426	144,202	242,523	267,454	508,988	192,000	97,958	147,626
June	539,106	1,190,264	229,599	163,866	227,298	313,650	1,105,414	183,167	121,924	81,717
July	577,392	943,796	183,661	190,539	257,691	348,495	875,951	122,250	148,191	108,447
August	760,233	721,028	413,791	169,341	263,608	520,430	633,183	351,361	124,913	67,452
September	623,292	723,216	175,115	175,739	278,262	403,495	660,953	119,555	127,001	43,346
October	606,349	780,396	213,529	144,845	316,571	371,345	709,879	157,166	101,612	60,554
November	458,620	654,184	184,399	164,850	370,087	297,865	591,940	134,710	102,522	60,819
December	431,626	708,716	252,223	188,481	330,685	287,722	663,817	198,106	114,175	61,821

Month	Value (thousands of dollars)—Continued					Floor space of buildings (thousands of square feet)				
	Private ownership									
Total	2,515,338	1,109,044	578,882	558,924	1,987,956	956,719	1,314,220	448,244	234,549	412,423
January	180,891	118,595	35,086	37,363	65,989	52,452	48,240	53,170	20,235	15,537
February	165,572	123,308	29,665	28,434	72,804	49,227	74,104	60,512	17,385	16,728
March	211,347	137,982	35,666	43,119	107,426	67,654	94,321	45,966	19,537	31,159
April	222,666	144,167	50,037	46,441	86,794	74,235	80,831	37,837	21,040	32,104
May	281,246	104,529	42,426	46,244	94,897	101,426	108,209	30,397	15,488	25,351
June	225,456	84,850	46,432	41,942	145,581	84,171	187,430	31,436	17,792	24,304
July	228,897	67,845	61,411	42,348	149,244	91,492	148,177	27,536	20,059	30,748
August	239,803	87,845	62,430	44,428	196,156	130,256	118,252	43,420	17,228	32,876
September	219,797	62,263	55,560	48,738	234,916	91,577	128,231	22,885	20,917	42,384
October	235,004	70,517	56,363	43,233	256,017	100,605	117,422	28,064	18,206	48,027
November	160,755	62,244	49,659	62,328	309,268	61,425	91,391	28,198	22,311	57,452
December	143,904	44,899	54,117	74,306	268,864	52,199	108,603	38,823	24,351	55,753

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 886.—Construction Contracts Awarded—Indexes of Value: 1919 to 1945

Note.—1923-25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by the F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, the total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments were computed separately for "residential" and "all other" types of construction and the two series combined. The indexes are based on a 3-month moving average, centered at the middle month. For a more detailed description of the indexes, see the Federal Reserve Bulletin for July 1931.

Year	Total	Residential	All other	Year and month	Total	Residential	All other	Year and month	Total	Residential	All other
1919	63	44	79	1940	81	72	89	1944—Con.			
1920	63	30	90	1941	122	89	149				
1921	56	44	65	1942	166	82	235	August	41	13	63
1922	79	68	88	1943	68	40	92	September	39	13	61
1923	84	81	86	1944	41	16	61	October	42	13	65
1924	94	95	94	1945	68	26	102	November	46	13	73
1925	122	124	120					December	51	14	81
1926	129	121	135	1943				1945			
1927	129	117	139	September	65	35	89				
1928	135	126	142	October	49	34	61	January	48	14	75
1929	117	87	142	November	60	37	78	February	59	13	96
1930	92	50	125	December	61	35	81	March	72	15	118
1931	63	37	84					April	70	18	112
1932	28	13	40	1944				May	58	20	89
1933	25	11	37	January	55	29	76	June	50	22	73
1934	32	12	48	February	45	21	64	July	54	23	79
1935	37	21	50	March	40	17	59	August	61	24	91
1936	55	37	70	April	36	17	52	September	69	26	104
1937	59	41	74	May	33	16	46	October	83	36	121
1938	64	45	80	June	34	15	50	November	94	44	134
1939	72	60	81	July	38	14	57	December	108	56	150

Source: Board of Governors of the Federal Reserve System; figures published currenly in Federal Reserve Bulletin.

No. 887.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1941 to 1945

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and the value of contracts awarded by the Federal Government. No land costs are included. For type of building covered see table 881. Cities shown had a population of 50,000 and over in 1940]

City	Value of all construction ($1,000)					Number of new dwelling units				
	1941	1942	1943	1944	1945[1]	1941	1942	1943	1944	1945[1]
Akron, Ohio	14,228	5,784	15,926	7,838	10,300	1,291	877	2,520	635	850
Albany, N. Y.	2,424	1,123	560	727	1,471	185	42	-------	-------	11
Allentown, Pa.	1,802	1,040	2,113	1,890	1,658	163	202	416	391	24
Altoona, Pa.	588	325	368	406	730	47	3	1	1	8
Amarillo, Tex.	2,740	958	641	1,264	3,833	524	191	150	346	590
Arlington Co., Va.[2]	54,448	30,039	16,143	7,037	6,874	3,550	6,102	3,640	557	523
Asheville, N. C.	762	135	217	261	1,318	57	7	4	14	55
Atlanta, Ga.	6,675	2,213	1,993	4,070	8,395	1,291	385	289	604	534
Atlantic City, N. J.	755	3,895	400	1,331	1,685	1	-------	-------	1	5
Augusta, Ga.	3,089	1,167	646	369	455	307	97	1	14	37
Austin, Tex.	5,511	1,584	438	661	5,068	869	223	120	179	744
Baltimore, Md.	47,925	65,415	11,932	11,210	12,361	7,277	4,425	2,629	944	665
Bayonne, N. J.	12,814	1,888	986	1,274	1,777	126	123	-------	-------	1
Beaumont, Tex.	2,194	4,402	352	805	1,729	426	1,654	75	239	190
Berkeley, Calif.	3,488	2,677	6,290	2,856	4,331	394	269	2,571	540	383
Bethlehem, Pa.	4,384	1,892	1,545	483	788	822	374	410	2	33
Binghamton, N. Y.	1,144	790	722	715	3,069	103	20	-------	1	33
Birmingham, Ala.	5,974	13,589	3,773	3,207	5,555	1,240	369	60	129	354
Boston, Mass.[3]	28,225	21,150	6,056	4,886	10,053	1,802	277	27	-------	48
Bridgeport, Conn.	13,389	6,619	4,884	1,009	2,732	2,081	991	623	40	58
Brockton, Mass.	682	242	212	251	587	48	4	1	-------	21
Buffalo, N. Y.	15,913	10,425	6,235	3,911	4,613	1,066	483	933	61	141
Cambridge, Mass.	4,213	1,895	1,483	1,519	2,038	409	41	-------	2	101
Camden, N. J.	5,500	16,697	1,165	768	2,440	513	1,440	138	2	42
Canton, Ohio	8,522	4,030	2,785	1,147	2,111	822	216	405	54	128
Cedar Rapids, Iowa	2,684	938	1,648	1,170	2,218	287	67	9	60	119
Charleston, S. C.	4,070	7,434	974	1,190	2,842	418	1,680	26	11	35
Charleston, W. Va.	2,653	6,539	1,426	401	2,654	343	87	25	5	67
Charlotte, N. C.	7,841	1,189	275	803	4,135	678	182	2	2	208
Chattanooga, Tenn.	6,366	1,243	560	710	3,585	200	85	14	10	150
Chester, Pa.	18,940	37,189	1,238	181	676	377	1,285	310	2	13
Chicago, Ill.	64,378	98,290	69,775	35,751	61,699	5,403	3,870	4,065	3,970	4,227
Cicero, Ill.	4,287	2,778	1,447	1,413	2,748	46	98	197	191	223
Cincinnati, Ohio	19,930	6,616	2,140	2,460	7,496	3,200	575	24	9	374
Cleveland, Ohio	58,568	34,511	23,774	22,271	24,214	3,383	1,461	3,011	1,821	881
Cleveland Heights, Ohio	2,516	586	509	304	2,398	284	61	123	49	236
Columbia, S. C.	2,212	997	243	166	1,243	632	166	59	7	137
Columbus, Ga.	2,755	533	279	794	1,842	607	85	3	182	145
Columbus, Ohio	14,398	9,528	2,066	1,732	7,444	2,276	1,909	363	69	498
Corpus Christi, Tex.	10,983	3,881	1,802	2,855	3,775	1,916	510	338	356	641
Covington, Ky.	681	84	48	74	9	16	3	-------	-------	-------
Dallas, Tex.	13,414	6,741	5,879	7,105	17,477	3,201	1,192	1,430	1,620	1,459
Davenport, Iowa	2,317	1,863	629	553	1,475	377	381	8	8	92
Dayton, Ohio	11,531	4,896	10,168	3,350	12,361	1,255	820	2,968	323	652
Dearborn, Mich.	9,035	21,883	12,905	2,192	6,771	1,781	1,094	1,146	119	156
Decatur, Ill.	2,321	1,022	929	1,128	606	571	187	129	244	50
Denver, Colo.	37,857	25,342	2,688	4,716	16,305	3,166	640	288	556	2,403
Des Moines, Iowa	6,082	5,244	316	3,474	3,965	847	543	11	15	114
Detroit, Mich.	107,750	62,953	46,978	34,161	67,975	10,311	8,598	9,166	3,709	4,027
Duluth, Minn.	2,837	2,508	2,068	1,054	1,712	284	95	13	21	64
Durham, N. C.	2,652	1,452	497	482	2,065	483	415	65	2	107
East Chicago, Ind.	12,142	32,328	1,765	1,046	1,823	100	25	8	42	18
East Orange, N. J.	908	797	549	451	850	146	1	61	-------	2
East St. Louis, Ill.	6,321	420	682	666	1,450	535	78	2	11	49
Elizabeth, N. J.	1,685	684	780	542	849	32	75	114	-------	1
El Paso, Tex.	3,132	2,891	449	1,346	2,448	393	157	47	199	127
Erie, Pa.	4,121	9,401	4,722	1,094	2,152	843	640	302	61	86
Evanston, Ill.	2,063	535	130	718	4,425	138	35	-------	31	159
Evansville, Ind.	2,312	3,896	4,116	1,532	2,599	319	887	1,918	351	123
Fall River, Mass.	650	392	150	393	914	62	17	1	1	16
Flint, Mich.	6,770	7,410	3,672	3,330	6,422	720	250	576	301	243
Fort Wayne, Ind.	13,668	3,032	1,158	1,094	2,255	727	484	82	118	142
Fort Worth, Tex.	20,551	6,758	6,798	4,569	9,241	1,262	1,902	2,371	1,133	1,558
Fresno, Calif.	3,821	673	876	1,318	3,103	629	47	-------	206	255
Galveston, Tex.	5,307	2,668	2,228	888	1,349	593	312	734	192	66

For footnotes, see p. 775.

No. 887.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1941 to 1945—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1941	1942	1943	1944	1945 [1]	1941	1942	1943	1944	1945 [1]
Gary, Ind	4,609	14,430	1,632	2,221	3,062	739	588	84	337	303
Glendale, Calif	4,923	1,637	344	1,597	4,098	1,125	176	38	359	454
Grand Rapids, Mich	3,733	4,988	1,044	1,236	5,431	512	88	-------	33	331
Greensboro, N. C	1,903	635	552	312	3,591	413	59	2	19	147
Hamilton, Ohio	2,128	3,274	503	150	542	220	321	33	1	43
Hammond, Ind	4,166	3,961	2,395	1,964	5,984	705	770	164	166	227
Harrisburg, Pa	3,407	4,193	867	1,970	866	57	120	119	115	12
Hartford, Conn	13,437	5,086	3,725	1,057	2,925	1,271	513	636	8	23
Highland Park, Mich	1,671	4,363	535	661	2,192	3	1	-------	-------	3
Hoboken, N. J	4,451	358	2,190	481	682	-------	-------	-------	-------	-------
Holyoke, Mass	974	1,329	412	273	614	73	248	52	2	24
Houston, Tex	20,542	15,784	6,273	10,314	45,135	4,021	1,400	1,563	1,517	1,980
Huntington, W. Va	1,919	874	202	1,024	2,100	300	98	6	40	160
Indianapolis, Ind	15,713	11,294	2,997	6,049	6,874	1,882	1,346	308	494	523
Irvington, N. J	1,047	554	631	971	517	25	65	182	246	13
Jackson, Miss	2,968	1,391	531	895	3,326	1,147	285	100	199	382
Jacksonville, Fla	12,259	12,670	6,756	5,152	7,879	2,883	660	1,775	509	585
Jersey City, N. J	3,620	3,027	1,683	1,209	1,295	236	416	-------	1	-------
Johnstown, Pa	843	1,070	175	170	851	41	225	1	1	5
Kalamazoo, Mich	1,179	558	264	572	2,061	73	31	1	3	4
Kansas City, Kans	2,084	837	612	2,672	2,076	474	100	124	519	117
Kansas City, Mo	4,686	4,856	4,194	6,684	9,834	414	128	35	631	228
Knoxville, Tenn	2,619	1,060	818	4,317	4,426	298	185	83	765	287
Lakewood, Ohio	708	305	880	200	667	86	34	217	7	32
Lancaster, Pa	1,130	871	554	432	638	66	18	48	30	17
Lansing, Mich	8,813	2,529	865	1,517	1,969	427	206	46	30	71
Lawrence, Mass	1,110	338	202	348	924	111	22	1	1	7
Lincoln, Nebr	2,637	771	742	1,439	2,113	258	55	70	127	159
Little Rock, Ark	3,749	1,100	381	1,156	2,890	848	174	43	85	343
Long Beach, Calif	18,440	9,046	10,816	16,673	16,073	3,509	1,640	2,971	3,354	2,679
Los Angeles, Calif	117,162	92,302	39,591	66,295	91,300	19,308	15,049	3,408	9,091	8,063
Louisville, Ky	14,801	10,078	4,471	4,613	7,980	1,683	1,323	613	259	302
Lowell, Mass	494	381	155	211	419	20	8	3	3	4
Lynn, Mass	4,081	8,353	861	597	686	170	45	3	1	11
Macon, Ga	2,840	335	759	892	1,150	726	23	153	23	27
Madison, Wis	2,321	1,085	1,394	830	2,621	359	68	73	25	215
Malden, Mass	393	515	352	166	234	15	142	84	1	4
Manchester, N. H	2,974	2,529	288	405	1,080	222	121	3	4	65
McKeesport, Pa	792	1,251	427	195	521	89	258	39	4	9
Medford, Mass	741	221	250	62	377	82	20	-------	1	5
Memphis, Tenn	31,145	11,144	4,225	7,927	15,563	2,281	998	686	140	1,253
Miami, Fla	13,750	3,050	6,196	1,640	14,564	2,296	173	-------	459	1,438
Milwaukee, Wis	17,439	12,290	7,077	6,368	22,396	1,278	1,043	767	402	1,125
Minneapolis, Minn	11,818	6,483	2,521	6,077	16,374	1,235	394	4	92	872
Mobile, Ala	7,123	11,905	2,961	1,297	3,736	1,304	2,710	621	310	270
Montgomery, Ala	2,115	1,034	284	1,822	3,616	576	389	79	431	356
Mount Vernon, N. Y	684	168	101	134	869	48	2	-------	-------	211
Nashville, Tenn	2,903	550	3,157	1,536	4,160	561	62	16	53	238
Newark, N. J	10,064	7,223	5,709	2,751	6,319	333	45	70	129	298
New Bedford, Mass	1,369	346	384	796	744	55	15	-------	1	28
New Britain, Conn	3,473	4,053	442	397	2,122	655	765	20	7	11
New Haven, Conn	4,570	2,778	1,477	1,395	2,929	413	470	79	14	35
New Orleans, La	21,440	25,194	27,664	20,237	7,362	3,311	500	982	4,563	1,731
New Rochelle, N. Y	1,065	461	183	167	969	91	19	-------	1	29
Newton, Mass	2,888	522	313	271	941	398	63	7	-------	90
New York, N. Y.:										
Bronx [3]	16,918	4,196	2,636	4,776	9,332	3,298	111	4	17	474
Brooklyn [3]	96,234	32,183	7,771	15,630	28,083	5,922	1,299	7	2	993
Manhattan [3]	39,690	12,597	4,093	11,916	34,272	2,915	1,678	2	-------	327
Queens [3]	56,365	25,970	7,582	7,213	22,492	10,542	1,339	11	96	1,381
Richmond [3]	5,234	10,417	3,148	1,868	4,785	477	1,578	9	35	170
Niagara Falls, N. Y	7,421	4,278	6,407	936	1,899	722	779	2,448	21	64
Norfolk, Va	22,776	36,762	7,398	9,659	5,654	1,713	3,124	943	13	84
Oakland, Calif	32,051	23,812	19,441	24,689	13,899	2,318	2,453	3,239	1,022	959
Oak Park, Ill	940	194	152	182	571	58	9	14	-------	16
Oklahoma City, Okla	5,401	2,360	408	2,443	6,123	1,050	520	949	473	612
Omaha, Nebr	5,158	2,241	5,263	5,476	5,074	1,008	331	159	490	322
Pasadena, Calif	4,229	1,240	583	1,521	4,395	579	106	2	34	379
Passaic, N. J	941	1,460	404	446	1,300	51	140	48	-------	88
Paterson, N. J	2,001	2,293	814	1,284	1,535	169	394	30	4	5
Pawtucket, R. I	1,549	464	178	168	831	214	54	-------	-------	68

For footnotes, see p. 775.

No. 887.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1941 to 1945—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1941	1942	1943	1944	1945[1]	1941	1942	1943	1944	1945[1]
Peoria, Ill	4,401	827	497	992	2,259	512	30	1	1	51
Phoenix, Ariz	2,657	16,857	1,918	2,471	6,923	486	264	384	310	867
Philadelphia, Pa	62,549	72,522	23,420	17,424	22,511	8,949	3,138	4,015	170	750
Pittsburgh, Pa	15,716	17,453	5,170	3,330	8,234	1,681	1,380	580	213	274
Pontiac, Mich	18,891	1,306	1,248	1,598	8,760	302	78	172	214	84
Portland, Maine	1,822	3,710	2,427	498	1,408	184	591	761	35	13
Portland, Oreg	15,375	34,416	18,850	8,022	12,336	2,018	6,155	5,194	666	710
Portsmouth, Va	6,102	5,707	5,645	883	1,220	538	194	1,401	16	51
Providence, R. I	7,904	10,826	884	987	2,670	1,261	51	-------	2	46
Pueblo, Colo	1,272	816	536	737	885	290	287	103	52	152
Quincy, Mass	4,121	9,661	900	634	1,151	332	275	39	-------	36
Racine, Wis	1,661	1,173	709	1,749	2,139	145	78	87	225	157
Reading, Pa	1,553	674	775	553	1,364	52	8	-------	-------	27
Richmond, Va	6,485	5,314	1,409	2,558	7,770	938	469	40	209	1,066
Roanoke, Va	1,355	519	153	321	1,230	107	23	-------	6	103
Rochester, N. Y	6,251	11,315	1,483	1,607	11,296	200	213	23	-------	148
Rockford, Ill	4,235	2,705	732	1,109	2,325	594	329	61	83	131
Sacramento, Calif	8,237	2,564	580	1,085	11,562	1,585	447	3	7	377
Saginaw, Mich	3,324	8,575	2,295	1,216	1,857	395	162	333	120	81
St. Joseph, Mo	570	60	414	76	120	66	13	3	5	12
St. Louis, Mo	19,394	17,840	4,019	8,077	14,419	2,588	786	39	57	190
St. Paul, Minn	9,512	3,476	1,771	6,579	9,513	953	240	4	93	553
St. Petersburg, Fla	4,095	916	612	829	4,614	1,021	96	1	46	565
Salt Lake City, Utah	24,767	22,052	2,626	4,621	6,233	1,096	747	292	134	400
San Antonio, Tex	11,604	5,498	3,571	5,332	14,518	2,238	1,537	1,040	879	1,741
San Diego, Calif	44,783	26,120	21,393	19,697	21,967	4,210	4,442	5,827	1,942	2,244
San Francisco, Calif	42,045	36,986	28,432	24,564	26,566	6,818	1,691	4,722	3,814	3,615
San Jose, Calif	3,714	902	429	1,131	3,526	450	64	-------	8	269
Santa Monica, Calif	5,631	1,247	1,375	1,666	2,973	880	143	166	352	355
Savannah, Ga	2,705	10,146	2,898	1,107	2,121	449	293	808	210	214
Schenectady, N. Y	9,430	3,482	578	2,599	2,348	89	541	1	-------	4
Scranton, Pa	1,522	293	5,788	1,211	1,326	262	4	-------	-------	2
Seattle, Wash	36,152	22,385	24,148	17,290	20,828	4,948	3,391	4,306	1,724	2,827
Shreveport, La	3,507	2,098	409	1,608	2,635	705	485	24	78	418
Sioux City, Iowa	1,586	460	109	601	1,184	173	30	1	5	37
Somerville, Mass	763	741	182	216	670	5	-------	-------	-------	-------
South Bend, Ind	6,410	2,808	2,694	3,040	6,151	1,285	345	101	483	398
Spokane, Wash	6,506	7,675	12,162	3,320	7,622	928	412	3,113	64	333
Springfield, Ill	1,635	2,391	189	425	816	223	183	16	10	39
Springfield, Mass	3,656	3,783	4,293	1,845	4,635	208	806	666	15	200
Springfield, Mo	3,197	706	507	1,033	1,890	316	49	8	74	238
Springfield, Ohio	2,163	1,543	1,065	830	2,217	252	388	179	68	29
Stockton, Calif	2,538	1,008	2,240	1,375	10,249	271	125	715	21	445
Syracuse, N. Y	3,273	10,825	1,238	1,504	2,988	110	141	62	22	115
Tacoma, Wash	8,119	13,163	6,011	2,058	5,189	919	3,048	1,099	270	457
Tampa, Fla	3,456	10,062	1,765	3,325	4,739	384	838	299	703	405
Terre Haute, Ind	431	1,235	373	491	472	43	14	2	-------	-------
Toledo, Ohio	7,896	4,528	1,988	2,179	5,752	1,178	259	-------	157	368
Topeka, Kans	1,302	371	59	892	1,189	179	40	3	55	212
Trenton, N. J	1,480	3,080	1,542	927	2,132	6	2	320	1	13
Troy, N. Y	766	378	148	265	444	34	30	1	1	-------
Tulsa, Okla	5,728	3,514	1,371	1,158	4,228	1,334	1,132	209	275	525
Union City, N. J	436	148	87	370	428	2	-------	-------	-------	-------
Utica, N. Y	1,121	462	265	1,218	1,434	35	75	-------	187	9
Waco, Tex	1,673	547	549	954	2,566	334	182	106	272	366
Washington, D. C	74,029	80,697	24,315	19,918	25,574	10,490	9,635	5,234	2,598	3,352
Waterbury, Conn	5,263	1,969	2,394	1,182	1,640	611	262	550	106	65
Waterloo, Iowa	3,345	680	290	757	2,847	390	39	1	23	165
Wheeling, W. Va	2,422	859	291	449	1,823	91	26	1	1	1
Wichita, Kans	6,188	7,650	4,687	2,251	3,030	1,971	2,548	1,484	38	165
Wilkes-Barre, Pa	798	428	275	369	569	10	2	-------	-------	-------
Wilmington, Del	3,943	2,983	3,706	1,144	4,254	150	401	796	60	48
Winston-Salem, N. C	2,474	895	380	1,086	1,492	368	56	2	4	119
Worcester, Mass	6,953	2,954	645	1,064	3,164	625	277	12	13	288
Yonkers, N. Y	3,005	817	322	514	1,141	406	54	-------	2	60
York, Pa	2,740	1,798	382	278	765	164	365	50	-------	13
Youngstown, Ohio	3,344	971	400	607	1,841	455	111	12	8	60

[1] Preliminary.
[2] Classified as urban under special rule by the Bureau of the Census, 1940.
[3] Figures represent applications filed.

Source: Department of Labor, Bureau of Labor Statistics; 1941-43 from annual reports on building construction; subsequent annual and current data for cities of 100,000 or more, are published in monthly releases; data for cities, 50,000 to 100,000 are from records not published elsewhere.

No. 888.—Construction and Building Cost Indexes: 1913 to 1945

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 284 and 285]

YEAR	AAC (new) [1]	AGC [2]	ENR Const.[3]	ENR Bldg.[3]	Boeckh, N. Y. [4]	Aberthaw [5]	Fuller [6]	Turner [7]
1913	100	100	100	100	100	----------	100	100
1914	98	99	89	92	102	100	102	100
1915	101	100	93	95	99	100	130	103
1916	116	114	130	131	116	107	143	120
1917	143	152	181	167	135	126	156	147
1918	177	175	189	159	155	147	160	166
1919	229	198	198	159	171	172	168	196
1920	283	247	251	207	230	234	209	252
1921	216	200	202	166	193	179	188	183
1922	200	184	174	155	187	170	175	175
1923	224	201	214	186	215	202	190	196
1924	222	202	215	186	215	198	194	194
1925	217	199	207	183	211	195	193	195
1926	217	197	208	185	230	197	202	195
1927	217	200	206	186	223	193	197	190
1928	217	199	207	188	238	191	196	190
1929	217	203	207	191	242	190	201	185
1930	200	200	203	185	238	186	199	165
1931	178	196	181	169	230	176	180	145
1932	155	171	157	141	208	168	157	136
1933	150	163	170	148	197	170	155	140
1934	161	178	198	167	209	176	171	160
1935	162	176	196	166	200	177	167	162
1936	170	179	206	172	205	184	168	169
1937	198	188	235	196	226	199	187	192
1938	199	189	236	197	243	191	192	188
1939	200	188	236	197	248	190	195	182
1940	204	189	242	203	251	193	196	193
1941	217	198	258	211	255	208	206	215
1942	241	209	276	222	260	223	229	245
1943	252	216	290	229	264	225	238	257
1944	261	223	299	235	284	227	240	244
1945	271	231	308	239	294	236	241	263

[1] American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanicals not included. Based on actual appraisal costs. Available for individual cities. Recently revised to include adjustments for social security taxes, unemployment insurance and corresponding "overhead."

[2] Associated General Contractors of America. Wages and materials for 12 cities combined in 40-60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, ½; structural and reinforcing steel, ½.

[3] Engineering News Record construction cost index has 4 components: (1) Structural steel shapes, base price; (2) cement at Chicago; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1935 is 2 x 4 S4S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force. This construction cost index is designed to predict changes in construction cost trends and to measure the movement of construction costs in general. It is not intended to apply to any specific class of construction or to a particular locality. ENR Building Cost index: In practice, the construction cost index has been used widely to apply to building costs, and when common and skilled labor rates move in similar trends it is a satisfactory measure of relative building cost movement. However, following the low wage rates of 1932, common labor climbed much faster than skilled and reached new all-time highs by July 1937. The increase was in the lower ranges between union and nonunion. When "prevailing" wages became synonymous with union wages the gap closed up, hence the ENR 20-cities wage average increased more rapidly than the union rates. To provide a more representative measure of building cost movement, the skilled labor trend has been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

[4] E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 16 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926-29=100. Series given here is brick and concrete, New York, converted to 1913=100 base.

[5] Aberthaw. New England, 7-story and basement (62'4" x 202'4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building. Labor costs based on current experience with similar construction.

[6] George A. Fuller Company. Composite of 36 major cost elements, in 3 commercial type buildings, including mechanicals, elevators, wiring, heating and ventilating, repriced.

[7] Turner Construction Co. Eastern cities. Own building cost experience applied to these factors: labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

Source: McGraw-Hill Publishing Co., New York, N. Y.; Engineering News Record, Apr. 5, 1945, and Apr. 18, 1946.

No. 889.—Materials Consumption for New Construction: 1944–45

[Data represent estimated quantities of materials required by construction activity, both public and private, in the United States. They are divided into 4 major categories: (1) Military, which covers Army and Navy establishments, camps, cantonments, hospitals, airfields and bases, storage facilities, etc. (2) Plant expansion, which includes the construction of industrial plants engaged in the production of ships, aircraft, and other war materials. (3) Housing, which represents civilian, nonmilitary housing, and (4) All other nonmilitary construction such as schools, hospitals, commercial establishments, streets, roads, sewer and water development, farm construction, and utilities. Estimates do not include materials consumed in the manufacture of machines, machine tool and processing equipment]

Material and unit of measure	Year	Grand total	Maintenance, etc.	Total construction	Military			
					Total	Housing	Aeronautics facilities	Other
Asphalt ... 1,000 sh. tons	1944	1,379	...	1,379	468	90	261	117
	1945	1,548	...	1,548	307	73	125	109
Brick (common and face) millions	1944	2,004	[1] 652	1,352	161	49	44	68
	1945	2,213	[1] 698	1,515	116	67	17	32
Building blocks ... do	1944	276	80	196	4	2	(2)	2
	1945	335	95	240	5	3	(2)	2
Building boards ... million sq. ft	1944	1,088	322	766	254	82	104	68
	1945	1,058	360	698	123	39	38	46
Cast iron ... 1,000 sh. tons	1944	392	...	392	141	44	24	73
	1945	429	...	429	111	28	13	70
Cement ... 1,000 bbls	1944	94,230	[1] 17,972	76,258	17,224	2,308	9,957	4,959
	1945	108,597	[1] 25,872	82,725	11,877	1,509	6,691	3,677
Copper ... short tons	1944	29,616	...	29,616	7,147	2,154	3,177	1,816
	1945	32,946	...	32,946	4,640	1,604	1,420	1,616
Gypsum board ... million sq. ft	1944	2,107	235	1,872	234	75	94	65
	1945	2,172	285	1,887	142	57	39	46
Lead ... short tons	1944	37,784	...	37,784	11,694	3,573	3,444	4,677
	1945	34,572	...	34,572	6,414	1,579	1,293	3,542
Lumber ... million bd. ft	1944	5,840	...	5,840	1,273	610	269	394
	1945	4,603	...	4,603	610	275	147	188
Roofing materials ... 1,000 sq	1944	65,317	52,328	12,989	6,704	2,149	2,749	1,806
	1945	66,940	53,448	13,492	4,907	1,440	1,614	1,853
Sewer pipe (clay) ... 1,000 tons	1944	784	235	549	114	35	31	48
	1945	818	236	582	76	29	18	29
Steel ... 1,000 sh. tons	1944	2,067	...	2,067	207	38	93	76
	1945	2,746	...	2,746	211	32	71	108
Steel plate ... do	1944	286	...	286	53	3	23	27
	1945	381	...	381	43	5	16	22
Structural tile ... 1,000 tons	1944	800	[1] 202	598	39	18	5	16
	1945	826	[1] 197	629	22	6	5	11
Zinc ... short tons	1944	10,370	...	10,370	1,688	295	929	464
	1945	10,027	...	10,027	1,124	258	452	414

Material and unit of measure	Year	War plant expansion			Civilian housing			All other	
		Total	Government financed	Privately financed	Total	Government financed	Privately financed	Public	Private
Asphalt ... 1,000 sh. tons	1944	186	149	37	169	63	106	422	134
	1945	231	129	102	166	34	132	619	225
Brick ... millions	1944	452	344	108	701	194	507	8	30
	1945	586	300	286	731	126	605	29	53
Building blocks ... do	1944	47	27	20	106	18	88	11	28
	1945	64	30	34	122	30	92	15	34
Building bds. ... million sq. ft	1944	131	100	31	93	26	67	130	158
	1945	168	80	88	87	13	74	138	182
Cast iron ... 1,000 sh. tons	1944	130	114	17	59	14	45	38	24
	1945	181	106	75	61	9	52	42	34
Cement ... 1,000 bbls	1944	9,079	8,239	840	6,966	1,993	4,973	33,259	9,730
	1945	11,248	6,254	4,994	6,841	851	5,990	39,189	13,570
Copper ... short tons	1944	11,155	9,371	1,784	1,548	430	1,118	3,733	6,033
	1945	16,643	9,119	7,524	1,966	512	1,454	1,935	7,762
Gypsum bd. ... million sq. ft	1944	154	121	33	909	255	654	263	312
	1945	188	106	82	824	118	706	265	468
Lead ... short tons	1944	9,231	7,943	1,288	6,219	1,728	4,491	3,654	6,986
	1945	12,361	7,669	4,692	5,476	901	4,575	2,826	7,495
Lumber ... million bd. ft	1944	726	556	170	1,518	407	1,111	405	1,918
	1945	551	286	265	1,634	169	1,465	312	1,496
Roofing materials ... 1,000 sq. ft	1944	2,806	1,835	971	1,771	493	1,278	767	941
	1945	2,905	1,560	1,345	1,623	171	1,452	1,532	2,525
Sewer pipe (clay) ... 1,000 tons	1944	107	82	25	5	3	2	253	70
	1945	114	82	32	9	3	6	281	102
Steel ... 1,000 sh. tons	1944	916	786	130	74	19	55	518	352
	1945	1,331	864	467	96	16	80	488	620
Steel plate ... do	1944	153	118	35	7	2	5	42	31
	1945	256	177	79	7	1	6	36	39
Structural tile ... 1,000 tons	1944	504	380	124	35	10	25	5	15
	1945	535	280	255	45	7	38	9	18
Zinc ... short tons	1944	1,612	1,152	460	2,504	705	1,799	1,558	3,008
	1945	2,603	1,290	1,313	2,373	323	2,050	1,212	2,715

[1] Includes exports. [2] Less than indicated unit.

Source: War Production Board; published in Facts for Industry series.

No. 890.—Construction—Value of Work Performed, for Cities of 100,000 or More Inhabitants, by Size Groups: 1939

Note.—Geographic distribution based on office address of reporting establishment, not location of construction project. See also headnote, table 892.

City-size group	Number of cities	Percent of United States population	Establishments		Work performed	
			Number	Percent of United States total	Value (1,000 dollars)	Percent of United States total
All cities	92	28.8	79,755	37.1	2,475,405	54.7
500,000 and over	14	17.0	44,425	20.7	1,460,366	32.3
250,000 to 499,999	23	5.9	17,175	8.0	547,735	12.1
100,000 to 249,999	55	5.9	18,155	8.4	467,304	10.3

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 891.—Building Costs, Small-House—Indexes: 1936 to 1945

[Average month of 1935-39=100. This index is a 3-month moving average of cost estimates for building a standard 6-room frame house. Data have been revised to reflect a new system of data collection utilizing Bureau of Labor Statistics facilities. See source publication for discussion of old and new concepts]

Year	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total cost													
1936	96.4	95.1	95.1	95.2	95.5	95.9	96.1	96.5	96.8	97.0	97.3	97.8	98.7
1937	104.5	99.9	101.1	102.0	104.3	105.2	105.8	106.2	106.3	106.2	105.9	105.5	104.8
1938	102.6	104.2	103.7	103.3	103.0	102.7	102.6	102.5	102.1	102.0	101.7	101.7	101.6
1939	101.5	101.5	101.5	101.6	101.4	101.2	101.1	101.0	100.9	101.3	101.8	102.3	102.3
1940	103.2	102.2	102.3	102.2	102.1	102.1	102.1	102.1	102.3	102.9	104.7	106.1	107.6
1941	113.1	108.4	109.2	109.7	110.2	110.7	111.8	112.8	114.3	115.7	117.6	118.2	118.8
1942	122.4	119.5	120.4	121.3	121.6	122.0	122.6	123.0	123.4	123.3	123.5	123.6	124.3
1943	127.0	124.4	124.9	125.1	125.5	126.0	126.3	126.7	127.3	127.8	129.1	130.1	131.0
1944	134.1	131.7	132.1	132.6	133.2	133.7	134.1	134.3	134.7	135.0	135.3	135.9	136.0
1945	137.4	136.1	136.3	136.7	136.8	136.8	137.0	137.2	137.4	138.0	138.4	139.0	139.2
Material costs													
1936	97.1	95.9	96.1	96.2	96.3	96.5	96.7	97.0	97.4	97.5	97.8	98.3	99.5
1937	105.6	101.0	102.6	104.6	106.0	106.7	107.0	107.2	107.3	107.0	106.5	105.9	105.0
1938	101.5	104.1	103.4	102.6	102.1	101.7	101.5	101.2	100.5	100.4	100.3	100.2	100.0
1939	100.0	99.9	99.9	99.9	99.8	99.6	99.5	99.4	99.3	99.9	100.5	101.3	101.4
1940	102.1	101.3	101.3	101.3	101.1	101.2	101.2	101.1	101.3	101.9	103.3	104.5	105.7
1941	111.0	106.4	107.2	107.9	108.2	108.4	109.6	110.2	112.1	113.8	115.7	116.3	117.1
1942	120.4	118.0	119.0	119.7	120.1	120.4	120.5	120.7	120.8	121.1	121.2	121.4	121.4
1943	123.7	121.3	121.5	121.7	121.9	122.4	122.6	123.1	123.8	124.5	126.1	127.2	128.1
1944	131.2	128.8	129.4	129.8	130.4	130.9	131.4	131.6	132.1	132.2	132.2	132.4	132.5
1945	133.8	132.5	132.8	133.1	133.2	133.4	133.5	133.8	133.9	134.1	134.6	135.0	135.2
Labor costs													
1936	95.0	93.4	93.2	93.3	93.9	94.6	95.0	95.4	95.5	95.9	96.3	96.9	97.2
1937	102.4	97.6	98.2	99.4	101.1	102.2	103.5	104.2	104.5	104.6	104.7	104.8	104.5
1938	104.7	104.3	104.2	104.6	104.7	104.6	104.8	105.0	105.3	105.1	104.7	104.6	104.8
1939	104.4	104.7	104.8	104.9	104.5	104.3	104.2	104.2	104.1	104.3	104.5	104.2	104.2
1940	105.4	104.0	104.2	104.2	103.9	104.0	103.9	104.0	104.3	104.7	107.3	109.2	111.5
1941	117.3	112.6	113.2	113.3	114.2	115.3	117.3	117.9	118.8	119.5	121.6	121.9	122.4
1942	126.8	122.7	123.2	124.4	124.7	125.1	126.7	127.8	128.6	129.3	129.5	129.5	130.0
1943	133.7	130.5	131.8	132.0	132.8	133.4	133.7	133.9	134.1	134.3	135.3	135.7	136.9
1944	139.9	137.3	137.6	138.2	138.9	139.2	139.4	139.8	139.9	140.8	141.4	142.8	143.0
1945	144.7	143.3	143.4	143.8	143.8	143.8	143.9	144.0	144.4	145.9	146.1	147.1	147.3

Source: National Housing Agency, Federal Home Loan Bank Administration; Federal Home Loan Bank Review, March 1946. Figures are published currently in Federal Home Loan Bank Review.

No. 892.—Construction—Summary, by Kind of Contractor, by Size Groups: 1939

Note.—The 1939 Census of Construction covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes, on projects located within the limits of continental United States. It included erection and installation departments of manufacturers and merchandisers, when it was an important but not necessarily major portion of their business enterprise. Force-account work, ship and boat building, and installation and servicing of domestic appliances were not included. "Work performed" represents contract or order value of work done by the contractor's or builder's own forces. Work sublet to others was not included as work performed in the report of the builder or general contractor, but was reported as part of the business of the special trade contractor who received the subcontract. "Construction work" includes alterations and repairs, as well as new construction and additions. Data for establishments reporting less than $500 of work performed in 1939 are not included. The canvass is known to have been incomplete in coverage of small contractors who operated from their homes. Most of this shortage occurred in metropolitan districts. It is believed that this undercoverage affects materially only number of establishments and number of proprietors.

Kind of contractor	Number of establishments			Value of work performed (1,000 dollars)			Materials used and equipment installed (1,000 dollars) [1]		
	Total	$25,000 and over [2]	Under $25,000 (2)	Total	$25,000 and over [2]	Under $25,000 (2)	Total	$25,000 and over [2]	Under $25,000 (2)
United States	215,050	30,912	184,138	4,519,794	3,479,671	1,040,123	2,046,613	1,625,344	421,269
Builders	3,705	1,534	2,171	108,258	89,919	18,339	72,976	61,438	11,538
General contractors	35,158	14,880	20,278	2,403,630	2,208,080	195,550	1,085,735	989,266	96,469
Building contractors	29,641	10,636	19,005	1,174,693	993,629	181,064	588,832	496,358	92,474
Highway contractors	3,627	2,667	960	590,571	579,704	10,867	248,395	245,380	3,015
Heavy contractors	1,890	1,577	313	638,366	634,747	3,619	248,508	247,528	980
Special trade contractors	176,187	14,498	161,689	2,007,906	1,181,672	826,234	887,902	574,640	313,262
Air conditioning [3]	798	338	460	40,396	35,459	4,937	22,911	20,318	2,593
Carpentering	30,044	467	29,577	132,957	24,521	108,436	48,199	10,890	37,309
Concreting	4,464	397	4,067	57,030	32,486	24,544	24,030	14,545	9,485
Electrical (other than power lines)	*15,915*	*1,640*	*14,275*	*222,774*	*137,472*	*85,302*	*102,028*	*64,324*	*37,704*
Elevator (installation and repair)	409	130	279	45,083	42,351	2,732	20,985	20,108	877
Excavating and foundation	405	75	330	8,007	5,321	2,686	2,750	1,915	835
Excavating and grading	1,852	201	1,651	22,536	10,389	12,147	2,016	826	1,190
Flooring (wood only)	1,088	111	977	13,735	7,041	6,694	6,397	3,765	2,632
Flooring (wood and other)	445	173	272	17,636	15,259	2,377	9,771	8,779	992
Flooring (surfacing and resurfacing)	645	12	633	2,821	466	2,355	592	127	465
Heating and plumbing group	37,112	4,686	32,426	572,878	349,987	222,891	299,691	192,240	107,451
Heating and piping	2,882	743	2,139	75,550	57,048	18,502	40,133	30,706	9,427
Heating and piping, with sheet metal	1,572	289	1,283	36,297	25,305	10,992	18,560	13,345	5,215
Heating, piping, and plumbing	13,166	2,165	11,001	251,075	161,635	89,440	134,617	90,330	44,287
Heating, piping, plumbing, with sheet metal	2,122	533	1,589	62,384	48,078	14,306	33,761	26,439	7,322
Plumbing	16,609	914	15,695	141,334	55,724	85,610	69,546	30,283	39,263
Plumbing, with sheet metal	761	42	719	6,238	2,197	4,041	3,074	1,137	1,937
Insulation	708	273	435	26,509	22,132	4,377	11,356	9,495	1,861
Lathing	522	58	464	9,417	6,561	2,856	2,136	1,742	394
Plastering and lathing	720	251	469	24,762	20,015	4,747	8,703	6,907	1,796
Plastering	5,347	401	4,946	55,756	27,614	28,142	20,202	10,449	9,753
Ornamental iron	622	144	478	14,421	10,814	3,607	7,061	5,539	1,522
Painting	10,046	228	9,818	46,347	12,519	33,828	11,017	2,997	8,020
Painting, paperhanging, and decorating	39,973	829	39,144	180,917	46,931	133,986	43,979	10,783	33,196
Roofing and sheet metal group	11,793	1,782	10,011	187,655	118,128	69,527	84,043	54,715	29,328
Roofing	4,875	844	4,031	78,716	51,068	27,648	35,221	22,934	12,287
Roofing and sheet metal	3,046	646	2,400	68,725	49,489	19,236	32,133	24,079	8,054
Sheet metal	3,872	292	3,580	40,214	17,571	22,643	16,689	7,702	8,987
Masonry	7,029	702	6,327	97,339	60,921	36,418	*39,540*	*26,888*	*12,652*
Tile and mantel	2,149	519	1,630	48,944	35,223	13,721	22,904	16,324	6,580
Steel erection and repair	567	266	301	80,863	77,838	3,025	51,124	50,285	839
Weather stripping	419	56	363	7,214	4,856	2,358	2,588	1,706	882
Glass and glazing	1,040	180	860	17,821	12,698	5,123	8,336	6,112	2,224
House moving	608	33	575	4,016	1,449	2,567	388	193	195
Other	1,467	546	921	70,072	63,221	6,851	35,155	32,668	2,487

No. 892.—Construction—Summary, by Kind of Contractor, and by Size Groups: 1939—Continued

Kind of contractor	Active proprietors and firm members			Employees (average for year)[4]			Total pay roll (1,000 dollars)[4]		
	Total	$25,000 and over[2]	Under $25,000 (2)	Total	$25,000 and over[2]	Under $25,000 (2)	Total	$25,000 and over[2]	Under $25,000 (2)
United States	226,784	26,367	200,417	1,073,655	809,474	264,181	1,403,771	1,144,862	258,909
Builders	3,300	1,173	2,127	20,268	16,230	4,038	25,798	21,868	3,930
General contractors	36,111	13,608	22,503	600,974	548,127	52,847	770,766	722,623	48,143
Building contractors	31,336	10,186	21,150	304,274	256,746	47,528	389,151	345,446	43,705
Highway contractors	3,361	2,331	1,030	161,317	157,403	3,914	171,946	168,733	3,213
Heavy contractors	1,414	1,091	323	135,383	133,978	1,405	209,669	208,444	1,225
Special trade contractors	187,373	11,586	175,787	452,413	245,117	207,296	607,207	400,371	206,836
Air conditioning[3]	671	187	484	6,754	5,691	1,063	10,715	9,534	1,181
Carpentering	32,718	479	32,239	31,282	5,854	25,428	32,872	9,315	23,557
Concreting	4,944	365	4,579	18,106	8,809	9,297	19,467	12,247	7,220
Electrical (other than power lines)	16,121	1,213	14,908	42,390	25,198	17,192	68,749	49,828	18,921
Elevator (installation and repair)	289	53	236	7,016	6,320	696	15,138	14,211	927
Excavating and foundation	446	69	377	2,826	1,692	1,134	2,932	2,042	890
Excavating and grading	1,992	182	1,810	7,943	3,457	4,486	8,017	4,075	3,942
Flooring (wood only)	1,197	92	1,105	3,050	1,388	1,662	4,094	2,297	1,797
Flooring (wood and other)	402	105	297	3,280	2,652	628	4,811	4,130	681
Flooring (surfacing and resurfacing)	706	8	698	828	146	682	853	228	625
Heating and plumbing group	38,138	3,897	34,241	108,173	62,604	45,569	146,622	101,189	45,433
Heating and piping	2,265	324	1,941	14,251	9,882	4,369	21,796	17,308	4,488
Heating and piping, with sheet metal	1,713	260	1,453	6,821	4,375	2,446	10,259	7,744	2,515
Heating, piping, and plumbing	13,761	1,976	11,785	47,381	29,118	18,263	64,008	45,514	18,494
Heating, piping, plumbing, with sheet metal	2,283	471	1,812	11,954	8,950	3,004	17,044	14,024	3,020
Plumbing	17,281	825	16,456	26,412	9,830	16,582	32,070	15,959	16,111
Plumbing, with sheet metal	835	41	794	1,354	449	905	1,445	640	805
Insulation	508	106	402	6,970	5,673	1,297	10,025	8,707	1,318
Lathing	608	49	559	3,253	1,838	1,415	5,276	3,831	1,445
Plastering and lathing	811	254	557	7,754	6,164	1,590	11,686	9,940	1,746
Plastering	6,045	411	5,634	17,413	8,500	8,913	21,625	12,831	8,794
Ornamental iron	607	85	522	2,622	1,839	783	3,926	3,051	875
Painting	11,023	213	10,810	13,733	4,116	9,617	16,916	6,729	10,187
Painting, paperhanging, and decorating	44,253	804	43,449	52,077	15,119	36,958	65,586	26,142	39,444
Roofing and sheet metal group	12,354	1,416	10,938	44,631	27,320	17,311	56,474	39,572	16,902
Roofing	4,986	634	4,352	18,951	11,842	7,109	23,290	16,861	6,429
Roofing and sheet metal	3,216	533	2,683	16,906	11,802	5,104	21,434	16,497	4,937
Sheet metal	4,152	249	3,903	8,774	3,676	5,098	11,750	6,214	5,536
Masonry	7,712	648	7,064	30,273	17,821	12,452	36,765	25,199	11,566
Tile and mantel	2,134	400	1,734	11,362	8,326	3,036	16,174	12,799	3,378
Steel erection and repair	379	113	266	10,404	9,298	1,106	18,501	17,211	1,295
Weather stripping	402	21	381	1,793	1,283	510	2,833	2,225	600
Glass and glazing	978	96	882	3,142	2,171	971	5,134	4,056	1,078
House moving	708	33	675	1,912	484	1,428	1,649	637	1,012
Other	1,227	287	940	13,426	11,354	2,072	20,367	18,345	2,022

[1] Cost at site.
[2] Value of work performed by establishment reporting.
[3] Air conditioning with or without heating, plumbing, or sheet metal.
[4] Employees and pay roll include data for paid executives of corporations but not proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 893.—Construction—Summary, by States: 1939

Note.—Geographic distribution based on office address of reporting establishment, not location of construction project. See headnote, table 892.

Division and state	Number of establishments	Value of work performed (thousands of dollars)	Active proprietors and firm members	Employees (average for year)[1]	Total pay roll (thousands of dollars)[1]	Materials used and equipment installed (thousands of dollars)[2]
United States	215,050	4,519,794	226,784	1,073,655	1,403,771	2,046,613
New England	18,910	323,471	19,118	76,089	106,757	138,669
Maine	1,696	16,261	1,738	4,837	5,161	6,573
New Hampshire	992	11,426	1,030	3,439	3,644	4,801
Vermont	746	6,976	772	2,104	2,091	2,940
Massachusetts	8,509	167,691	8,529	38,353	57,111	72,252
Rhode Island	1,565	26,811	1,601	6,472	8,561	11,662
Connecticut	5,402	94,306	5,448	20,884	30,189	40,441
Middle Atlantic	50,979	1,190,993	51,749	249,846	393,141	534,158
New York	24,632	675,167	24,296	137,270	238,005	289,324
New Jersey	9,128	153,275	8,901	32,768	47,814	67,230
Pennsylvania	17,219	362,551	18,552	79,799	107,322	177,604
East North Central	47,263	946,952	49,705	204,097	302,899	431,194
Ohio	12,407	246,358	13,150	49,983	74,847	118,137
Indiana	6,172	93,714	6,603	22,846	28,718	42,942
Illinois	12,855	322,305	13,498	69,705	113,549	134,455
Michigan	8,822	179,327	9,218	37,630	53,608	87,947
Wisconsin	7,007	105,248	7,236	23,933	32,177	47,713
West North Central	23,892	418,053	25,874	103,298	118,781	190,522
Minnesota	6,006	120,257	6,766	28,381	33,799	55,663
Iowa	5,063	79,765	5,585	19,435	21,705	37,768
Missouri	6,527	124,450	6,643	31,468	33,853	54,977
North Dakota	557	9,506	612	2,434	2,533	4,006
South Dakota	708	10,296	759	2,612	2,641	4,003
Nebraska	2,167	37,508	2,365	8,903	9,614	17,268
Kansas	2,864	36,271	3,144	10,065	9,636	16,837
South Atlantic	17,634	497,683	18,023	151,486	149,088	241,943
Delaware	813	14,435	795	4,109	4,780	6,549
Maryland	3,302	77,580	3,357	21,427	25,265	36,387
District of Columbia	1,147	54,929	1,073	13,933	19,605	25,396
Virginia	3,142	75,738	3,291	22,983	21,732	38,348
West Virginia	1,436	26,420	1,506	7,701	7,885	10,194
North Carolina	2,410	82,820	2,572	27,090	23,384	41,301
South Carolina	843	27,874	854	9,942	7,919	14,120
Georgia	1,936	66,456	1,996	22,451	18,060	34,059
Florida	2,605	71,431	2,579	21,850	20,458	35,589
East South Central	7,494	161,700	8,026	52,630	45,083	75,714
Kentucky	2,767	48,187	2,993	13,281	13,318	23,010
Tennessee	2,382	60,424	2,523	19,882	17,375	25,179
Alabama	1,233	36,060	1,322	13,042	9,958	19,291
Mississippi	1,112	17,029	1,188	6,425	4,432	8,234
West South Central	13,034	303,988	13,893	87,280	82,330	144,780
Arkansas	1,121	14,274	1,240	5,141	3,682	6,160
Louisiana	1,641	55,218	1,657	16,129	15,608	25,585
Oklahoma	2,106	47,497	2,217	12,820	13,293	23,394
Texas	8,166	186,999	8,779	53,190	49,747	89,641
Mountain	6,751	137,424	7,512	32,477	39,635	57,883
Montana	769	16,721	850	4,123	5,044	7,225
Idaho	708	13,715	821	3,077	4,095	4,982
Wyoming	556	9,104	624	2,255	2,555	3,573
Colorado	2,028	40,165	2,199	9,668	11,668	17,122
New Mexico	503	11,393	550	3,039	3,194	5,179
Arizona	865	15,296	936	3,751	4,509	6,560
Utah	1,104	24,398	1,287	5,270	6,726	10,664
Nevada	218	6,632	245	1,294	1,844	2,578
Pacific	29,093	539,530	32,884	116,452	166,057	231,750
Washington	3,478	83,840	3,743	17,113	27,282	30,066
Oregon	2,036	38,372	2,196	9,638	11,751	16,921
California	23,579	417,318	26,945	89,701	127,024	184,763

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses. [2] Cost at site.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 894.—Construction—Value of Work Performed on Projects Within Each State, by Resident and Nonresident Establishments: 1939

[Value of work performed in thousands of dollars. All figures in this table are based on location of construction project and differ therefore from figures in tables 890, 893, and 896, in which geographic distribution is based on office address of reporting establishment]

Division and state	All contractors					
	Total		Resident		Nonresident	
	Number of establishments	Value of work performed [1]	Number of establishments	Value of work performed	Number of establishments	Value of work performed
New England:						
Maine	1,877	21,882	1,694	15,851	183	6,031
New Hampshire	1,332	17,282	989	10,441	343	6,841
Vermont	923	10,615	739	6,624	184	3,991
Massachusetts	8,812	146,245	8,483	132,054	329	14,191
Rhode Island	1,847	30,090	1,557	22,844	290	7,246
Connecticut	6,036	99,182	5,397	83,610	639	15,572
Middle Atlantic:						
New York	25,155	665,932	24,561	608,657	594	57,275
New Jersey	9,880	164,399	9,099	128,337	781	36,062
Pennsylvania	17,814	314,934	17,182	271,758	632	43,176
East North Central:						
Ohio	12,815	227,447	12,371	209,807	444	17,640
Indiana	6,746	116,625	6,158	85,075	588	31,550
Illinois	13,395	288,496	12,801	258,942	594	29,554
Michigan	9,180	179,995	8,815	163,065	365	16,930
Wisconsin	7,375	112,140	6,993	100,207	382	11,933
West North Central:						
Minnesota	6,179	98,102	5,971	92,536	208	5,566
Iowa	5,428	78,185	5,039	65,192	389	12,993
Missouri	6,764	97,322	6,480	84,176	284	13,146
North Dakota	666	10,832	552	7,650	114	3,182
South Dakota	818	10,213	703	8,252	115	1,961
Nebraska	2,291	40,346	2,157	31,092	134	9,254
Kansas	3,271	43,605	2,847	29,866	424	13,739
South Atlantic:						
Delaware	1,057	17,629	808	13,104	249	4,525
Maryland	3,974	79,304	3,278	59,970	696	19,334
District of Columbia	1,420	60,787	1,113	40,412	307	20,375
Virginia	3,736	91,321	3,131	64,173	605	27,148
West Virginia	1,731	34,778	1,421	24,138	310	10,640
North Carolina	2,610	76,164	2,406	63,357	204	12,807
South Carolina	1,059	35,149	840	21,939	219	13,210
Georgia	2,135	58,717	1,924	46,979	211	11,738
Florida	2,782	72,657	2,602	63,512	180	9,145
East South Central:						
Kentucky	3,080	55,988	2,749	42,420	331	13,568
Tennessee	2,571	52,628	2,358	42,927	213	9,701
Alabama	1,409	48,501	1,224	29,973	185	18,528
Mississippi	1,315	40,941	1,109	15,478	206	25,463
West South Central:						
Arkansas	1,334	24,545	1,117	12,985	217	11,560
Louisiana	1,858	71,164	1,635	48,924	223	22,240
Oklahoma	2,242	37,305	2,091	30,632	151	6,673
Texas	8,380	199,540	8,144	170,138	236	29,402
Mountain:						
Montana	897	22,703	766	15,903	131	6,800
Idaho	873	13,739	704	8,536	169	5,203
Wyoming	658	14,439	556	8,121	102	6,318
Colorado	2,112	40,399	2,026	34,788	86	5,611
New Mexico	606	15,031	501	10,810	105	4,221
Arizona	945	18,286	864	14,395	81	3,891
Utah	1,148	18,665	1,095	16,308	53	2,357
Nevada	326	9,669	218	6,339	108	3,330
Pacific:						
Washington	3,637	90,678	3,464	78,336	173	12,342
Oregon	2,133	37,061	2,029	32,553	104	4,508
California	23,670	408,137	23,566	397,949	104	10,188

[1] Total value of work performed by each class of contractor is as follows: All contractors, $4,519,794,000; building, $1,282,951,000; highway, $590,571,000; heavy, $638,366,000; special trade, $2,007,906,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 895.—Construction—Value of Work Performed, by Type of Construction, by Kind of Contractor: 1939

Note.—All value figures in thousands of dollars. See headnote, table 892.

Kind of contractor	Number of establishments	Value of all work performed [1]	Work performed on buildings: Total: Value [2]	Work performed on buildings: Total: Percent of all work performed	Work performed on buildings: New and additions, value	Work performed on buildings: Repairs and alterations, value	Work performed other than on buildings: Value	Work performed other than on buildings: Percent of all work performed
United States	215,050	4,519,794	3,156,701	69.9	2,224,930	915,502	1,312,671	29.0
Builders	3,705	108,258	108,090	99.8	105,617	2,473	168	.2
General contractors	35,158	2,403,630	1,181,425	49.2	1,014,736	164,341	1,221,126	50.8
Building contractors	29,641	1,174,693	1,149,712	97.9	984,978	162,386	23,902	2.0
Highway contractors	3,627	590,571	8,502	1.4	7,770	732	582,069	98.6
Heavy contractors	1,890	638,366	23,211	3.6	21,988	1,223	615,155	96.4
Special trade contractors	176,187	2,007,906	1,867,186	92.9	1,104,577	748,688	91,377	4.6
Air conditioning [3]	798	40,396	39,722	98.4	31,503	7,826	301	.7
Carpentering	30,044	132,957	130,995	98.5	66,079	64,826	1,992	1.5
Concreting	4,464	57,030	47,503	83.3	38,658	8,748	9,343	16.4
Electrical (other than power lines)	15,915	222,774	209,806	94.2	141,676	67,351	11,174	5.0
Elevator (installation and repair)	409	45,083	45,014	99.8	21,898	23,087	69	.2
Excavating and foundation	405	8,007	7,037	87.9	6,213	824	918	11.5
Excavating and grading	1,852	22,536	9,972	44.2	9,084	888	12,055	53.5
Flooring (wood only)	1,088	13,735	13,709	99.8	10,310	3,399	26	.2
Flooring (wood and other)	445	17,636	17,609	99.8	12,824	4,075	27	.2
Flooring (surfacing and resurfacing)	645	2,821	2,820	100.0	969	1,851	1	(4)
Heating and plumbing group	37,112	572,878	554,834	96.9	330,243	223,183	10,900	1.9
Heating and piping	2,882	75,550	72,398	95.8	41,306	30,552	2,262	3.0
Heating and piping, with sheet metal	1,572	36,297	34,634	95.5	24,576	10,032	920	2.5
Heating, piping, plumbing	13,166	251,075	244,513	97.4	151,133	93,075	3,081	1.2
Heating, piping, plumbing, with sheet metal	2,122	62,384	60,384	96.8	39,771	20,473	666	1.1
Plumbing	16,609	141,334	137,011	96.9	70,490	66,231	3,660	2.6
Plumbing with sheet metal	761	6,238	5,894	94.5	2,967	2,820	311	5.0
Insulation	708	26,509	26,328	99.3	12,825	11,270	121	.5
Lathing	522	9,417	9,401	99.8	8,429	972	16	.2
Plastering and lathing	720	24,762	24,735	99.9	21,778	2,957	27	.1
Plastering	5,347	55,756	55,638	99.8	43,581	11,979	118	.2
Ornamental iron	622	14,421	13,655	94.7	10,523	3,036	740	5.1
Painting	10,046	46,347	43,732	94.3	11,955	31,690	2,589	5.6
Painting, paperhanging, and decorating	39,973	180,917	179,310	99.1	46,870	132,156	1,263	.7
Roofing and sheet metal group	11,793	187,655	180,925	96.4	79,602	98,465	3,991	2.1
Roofing	4,875	78,716	78,183	99.3	21,869	54,909	319	.4
Roofing and sheet metal	3,046	68,725	65,760	95.7	38,746	27,611	892	1.3
Sheet metal	3,872	40,214	36,982	92.0	20,987	15,945	2,780	6.9
Masonry	7,029	97,339	94,368	96.9	76,717	17,596	2,782	2.9
Tile and mantel	2,149	48,944	47,960	98.0	40,627	6,823	548	1.1
Steel erection and repair	567	83,863	32,782	40.6	30,160	2,622	13,933	17.2
Weather stripping	419	7,214	7,205	99.9	2,048	1,550	9	.1
Glass and glazing	1,040	17,821	17,616	98.8	9,647	7,786	205	1.2
House moving	608	4,016	3,858	96.1	85	3,773	112	2.8
Other	1,467	70,072	50,742	72.4	40,273	9,955	18,117	25.9

[1] Includes value of work performed, amounting to $50,422,000, not specified as on buildings or other than on buildings, not shown separately or elsewhere included.
[2] Includes value of work performed, amounting to $16,269,000, not specified as new construction or repairs, not shown separately.
[3] Air conditioning with or without heating, piping, plumbing, or sheet metal.
[4] Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction

No. 896.—Construction—Summary for Establishments Reporting Business of $25,000 or More, by States: 1929 and 1939

Note.—1929 and 1939 comparisons must be limited to establishments reporting business of $25,000 or more as the 1929 census covered only that size group. That size group in 1939 accounted for 77 percent of total value of work performed by all contractors and builders regardless of size. Geographic distribution is based on office address of reporting establishment, not location of construction project.

Kind of contractors, division, and state	Number of establishments		Work performed: Value (1,000 dollars)		Work performed: Percent change	Pay roll (1,000 dollars) [1]		Materials used and equipment installed (1,000 dollars)	
	1929	1939	1929	1939		1929	1939	1929	1939
United States	30,597	30,912	4,794,771	3,479,671	−27.4	1,769,613	1,144,862	2,055,598	1,625,344
Builders and building contractors	10,881	12,170	1,547,726	1,083,548	−30.0	626,406	367,314	674,766	557,796
Highway and heavy contractors	4,635	4,244	1,429,144	1,214,451	−15.0	491,900	377,177	536,524	492,908
Special trade contractors	15,081	14,498	1,817,901	1,181,672	−35.0	651,307	400,371	844,308	574,640
New England	2,780	2,218	370,192	222,693	−39.8	152,738	79,849	144,376	99,613
Maine	142	118	11,593	8,448	−27.1	5,175	3,056	4,185	3,508
New Hampshire	113	87	9,135	6,232	−31.8	3,512	2,182	4,091	2,815
Vermont	61	53	5,612	3,488	−37.8	2,106	1,127	2,611	1,641
Massachusetts	1,434	1,131	229,778	122,113	−46.9	94,720	44,534	88,448	55,167
Rhode Island	226	199	25,290	17,934	−29.1	10,318	6,257	9,958	7,983
Connecticut	804	630	88,784	64,478	−27.4	36,907	22,693	35,083	28,499
Middle Atlantic	8,546	6,949	1,608,972	941,998	−41.5	635,410	332,068	658,851	436,164
New York	4,372	3,943	938,099	556,380	−40.7	387,289	209,296	363,751	242,853
New Jersey	1,483	950	235,061	106,335	−54.8	80,440	35,984	110,025	48,593
Pennsylvania	2,691	2,056	435,812	279,283	−35.9	167,681	86,788	185,075	144,718
East North Central	7,934	6,927	1,224,664	716,327	−41.5	451,229	241,506	542,728	340,980
Ohio	2,043	1,817	310,519	188,836	−39.2	109,901	60,301	144,722	95,771
Indiana	746	649	86,760	68,044	−21.6	30,878	22,072	40,614	32,971
Illinois	2,497	2,221	454,524	256,281	−43.6	181,376	94,161	186,280	110,227
Michigan	1,501	1,380	252,993	134,765	−46.7	88,122	42,277	115,431	69,932
Wisconsin	1,147	860	119,868	68,401	−42.9	40,952	22,695	55,681	32,079
West North Central	2,490	2,790	367,544	316,734	−13.8	125,037	94,945	160,143	150,217
Minnesota	561	840	88,111	92,446	4.9	31,032	27,507	35,259	44,174
Iowa	486	494	68,660	58,555	−14.7	21,685	16,522	30,042	29,792
Missouri	759	863	120,296	95,657	−20.5	44,903	31,439	52,422	43,562
North Dakota	81	68	7,428	7,331	−1.3	2,114	2,068	3,557	3,165
South Dakota	70	70	7,591	7,804	2.8	2,238	2,082	2,958	3,125
Nebraska	243	216	40,314	29,506	−26.8	12,323	7,951	18,631	14,067
Kansas	290	239	35,144	25,435	−27.6	10,742	7,376	17,274	12,332
South Atlantic	2,184	3,626	338,238	410,081	21.2	116,591	126,615	152,130	203,664
Delaware	91	134	14,789	10,468	−29.2	4,944	3,847	6,702	4,832
Maryland	407	577	82,030	60,802	−25.9	28,124	20,773	33,390	29,441
District of Columbia	253	437	39,846	49,430	24.1	16,327	17,847	15,501	23,289
Virginia	337	631	41,682	59,322	42.3	14,900	17,582	19,604	30,960
West Virginia	169	178	20,053	20,501	2.2	7,244	6,395	7,946	7,974
North Carolina	293	492	47,800	70,207	46.9	14,974	20,359	24,767	35,435
South Carolina	116	166	14,833	23,588	59.0	4,682	6,810	8,161	12,116
Georgia	230	395	46,490	58,317	25.4	14,086	16,128	23,624	30,457
Florida	288	616	30,715	57,446	87.0	11,310	16,874	12,435	29,160
East South Central	936	1,052	137,100	128,626	−6.2	44,563	37,269	62,135	61,658
Kentucky	330	341	34,321	36,229	5.6	11,821	10,526	13,872	17,945
Tennessee	314	363	53,065	49,669	−6.4	16,033	14,773	23,706	20,719
Alabama	197	240	38,841	29,970	−22.8	13,224	8,556	19,380	16,467
Mississippi	95	108	10,873	12,758	17.3	3,485	3,414	5,177	6,527
West South Central	1,609	1,950	256,850	246,343	−4.1	82,599	69,278	118,364	119,791
Arkansas	118	86	14,557	10,095	−30.7	4,433	2,784	7,156	4,538
Louisiana	178	348	28,599	46,843	63.8	9,334	13,337	11,733	21,999
Oklahoma	312	272	49,212	38,974	−20.8	15,630	11,488	22,225	19,755
Texas	1,001	1,244	164,482	150,431	−8.5	53,202	41,669	77,250	73,499
Mountain	709	934	74,202	104,384	40.7	24,575	32,127	29,218	43,754
Montana	119	138	10,208	12,926	26.6	3,268	4,121	4,551	5,675
Idaho	44	71	6,268	9,976	59.2	2,406	3,369	1,168	3,298
Wyoming	40	67	2,765	6,424	(2)	949	1,909	984	2,548
Colorado	211	227	23,040	30,370	31.8	7,513	9,368	10,009	13,062
New Mexico	41	83	5,744	8,765	52.6	1,649	2,616	2,030	3,934
Arizona	[3] 102	131	[3] 9,312	11,278	21.1	[3] 2,983	3,590	[3] 4,404	4,839
Utah	129	155	12,899	19,235	49.1	4,753	5,643	4,717	8,333
Nevada	20	62	2,956	5,410	(2)	879	1,511	790	2,065
Pacific	3,409	4,466	417,009	392,485	−5.9	136,871	131,205	187,653	169,503
Washington	404	429	55,263	66,994	21.2	19,353	23,178	25,616	22,999
Oregon	249	287	26,315	28,479	8.2	9,377	9,531	10,915	12,531
California	2,756	3,750	335,431	297,012	−11.5	108,141	98,496	151,122	133,973

[1] See note 1, table 893. [2] Not comparable due to undercoverage in 1929.
[3] Revised. Revision not carried to totals.

Source: Dept. of Commerce, Bur. of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 897.—War and Low-Rent Dwelling Units, Financed in Whole or in Part From Federal Funds—Number Completed for Occupancy Each Year: 1935 to 1945

[Includes all low-rent housing under the FPHA and all public war-housing. Also includes 4,881 units included in NHA war-housing quotas but financed by New York State without Federal participation]

Year	All public housing	Low-rent housing			War housing		
		Total	U. S. Housing Act	All other [1]	Total	Built for war use	Low-rent housing in war use [2]
Total	974,926	132,555	105,534	27,021	842,371	781,830	60,541
1935	1,171	1,171		1,171			
1936	1,009	1,009		1,009			
1937	8,255	8,255		8,255			
1938	16,586	16,586		16,586			
1939	5,588	5,588	5,588				
1940	34,423	33,798	33,798		625		625
1941	135,326	55,455	55,455		79,871	73,473	6,398
1942	166,565	10,591	10,591		155,974	131,390	24,584
1943	405,844	102	102		405,742	382,047	23,695
1944	162,464				162,464	159,486	2,978
1945	37,695				37,695	35,434	2,261

[1] Includes PWA low-rent, Subsistence Homestead and Greenbelt projects.
[2] Units financed under U. S. Housing Act and its amendment.

Source: National Housing Agency, Federal Public Housing Authority; Annual Report of the National Housing Agency, 1945.

No. 898.—All Active Public War-Housing, Financed in Whole or in Part From Federal Funds—Status and Estimated Total Development Cost, by Agency and by Type of Accommodation and Construction, as of Dec. 31, 1945

[Includes 7,529 units included in National Housing Agency quotas but financed by New York State without Federal participation. Also includes 617 units financed by the City of New York without Federal participation]

Agency, type of accommodation, and construction	Estimated total development cost ($1,000)	Number of dwelling units			
		Total	Under management	Under contract	Not under contract
All types	[1] 2,011,405	[1] 697,142	662,775	6,590	27,777
Federal Public Housing Authority [2]	1,649,302	514,144	485,284	5,602	23,258
Other agencies [3]	362,103	182,998	177,491	988	4,519
By type:					
Family dwelling, total	1,882,719	551,772	531,410	5,368	14,994
Permanent	820,386	179,583	172,473	2,281	4,829
Demountable	294,488	71,901	70,704		1,197
Temporary	682,515	249,901	237,846	3,087	8,968
Converted, total	85,330	50,387	50,387		
HOLC conversions	83,214	49,449	49,449		
Other conversions	2,116	938	938		
Dormitory, total	81,343	112,360	109,309		3,051
Permanent	942	1,112	1,112		
Temporary	79,237	107,707	104,656		3,051
Converted	1,164	3,541	3,541		
Stop-gap, total	47,343	33,010	22,056	1,222	9,732
Trailer, family	39,597	27,164	16,680	1,222	9,262
Trailer, dormitory	743	1,107	637		470
Portable shelter unit	5,813	2,704	2,704		
Trailer park	1,190	2,035	2,035		

[1] Includes 24,800 dwelling units under the Title V (veterans') housing program with an estimated development cost of $34,709,000.
[2] Includes Public Buildings Administration and Tennessee Valley Authority, acting as agents for Federa Public Housing Authority.
[3] Includes War and Navy Departments, U. S. Maritime Commission, Defense Plant Corporation, New York State Division of Housing, Tennessee Valley Authority, and Home Owners' Loan Corporation.

Source: National Housing Agency, Federal Public Housing Authority; Annual Report of the National Housing Agency, 1945.

No. 899.—All Active Public Housing, Financed in Whole or in Part From Federal Funds—Number of Units and Total Estimated Development Cost, By Program, By Type of Accommodation, By State or Other Area, As of Dec. 31, 1945

[See headnote, table 898]

State or other area	Total programmed		Low-rent housing		War housing				
	Estimated total development cost	Number of dwelling units	Estimated total development cost	Number of family dwelling units [1]	Estimated total development cost	Number of dwelling units			
						Total	Family dwelling	Dormitory	Stopgap
	1,000 dollars		*1,000 dollars*		*1,000 dollars*				
Total	2,748,657	842,946	737,252	145,804	[2] 2,011,405	[2] 697,142	551,772	112,360	33,010
Alabama	64,108	19,192	21,557	4,716	42,551	14,476	12,522	1,750	204
Arizona	24,015	9,946	1,883	628	22,132	9,318	6,532	1,653	1,133
Arkansas	14,214	5,872	758	222	13,456	5,650	4,353	820	477
California	352,114	140,460	2,840	826	349,274	139,634	108,215	22,187	9,232
Colorado	7,284	2,900	1,932	422	5,352	2,478	1,680	380	418
Connecticut	81,182	19,755	23,248	4,543	57,934	15,212	13,986	1,092	134
Delaware	7,674	2,503			7,674	2,503	2,503		
District of Columbia	38,710	10,723	8,917	1,613	29,793	9,110	6,001	3,109	
Florida	60,021	21,702	22,162	6,324	37,859	15,378	12,130	1,894	1,354
Georgia	74,760	26,451	38,397	9,817	36,363	16,634	13,126	3,068	440
Idaho	6,247	2,509	372	84	5,875	2,425	1,691	494	240
Illinois	101,506	24,157	38,981	7,210	62,525	16,947	14,043	1,270	1,634
Indiana	41,377	13,016	13,044	3,004	28,333	10,012	7,784	1,443	785
Iowa	7,031	3,121			7,031	3,121	1,741	400	980
Kansas	34,571	11,760			34,571	11,760	9,310	2,000	450
Kentucky	30,522	7,686	22,833	4,353	7,689	3,333	2,345	827	161
Louisiana	39,387	9,963	26,605	5,156	12,782	4,807	3,801	1,006	
Maine	14,030	3,636			14,030	3,636	3,108	498	30
Maryland	102,876	24,122	25,323	2,942	77,553	21,180	17,647	3,008	525
Massachusetts	62,293	12,528	37,727	6,506	24,566	6,022	5,099	923	
Michigan	118,511	29,694	30,194	5,051	88,317	24,643	22,386	411	1,846
Minnesota	4,717	1,320	3,375	464	1,342	856	476		380
Mississippi	23,014	9,557	5,940	1,747	17,074	7,810	6,143	1,108	559
Missouri	17,619	5,512			17,619	5,512	4,260	1,067	185
Montana	5,430	2,329	2,198	453	3,232	1,876	636	1,000	240
Nebraska	18,663	7,682	5,739	1,078	12,924	6,604	3,999	2,150	455
Nevada	14,733	5,830			14,733	5,830	3,909	935	986
New Hampshire	6,451	1,483			6,451	1,483	1,483		
New Jersey	78,760	17,303	39,262	6,827	39,498	10,476	8,826	1,530	120
New Mexico	7,151	3,926			7,151	3,926	2,668	1,018	240
New York	185,671	37,710	91,978	16,811	93,693	20,899	17,932	2,792	175
North Carolina	37,162	12,528	10,446	2,857	26,716	9,671	8,578	358	735
North Dakota	440	379			440	379			379
Ohio	163,139	39,988	91,198	15,747	71,941	24,241	19,218	4,148	875
Oklahoma	10,940	5,217	2,501	434	8,439	4,783	3,263	1,226	294
Oregon	68,228	31,553			68,228	31,553	21,257	9,826	470
Pennsylvania	177,417	40,884	44,537	7,883	132,880	33,001	30,506	2,140	355
Rhode Island	15,750	4,001	1,437	310	14,313	3,691	3,385	306	
South Carolina	32,850	10,109	8,364	1,930	24,486	8,179	7,831	178	170
South Dakota	4,494	2,255			4,494	2,255	1,299	808	148
Tennessee	49,269	12,386	34,421	6,875	14,848	5,511	4,292	619	600
Texas	125,572	49,320	33,541	8,534	92,031	40,786	32,291	5,581	2,914
Utah	27,827	13,612			27,827	13,612	6,995	6,166	451
Vermont	1,573	427			1,573	427	427		
Virginia	117,155	36,621	5,358	1,151	111,797	35,470	28,083	6,466	921
Washington	171,789	59,498	3,236	690	168,553	58,808	46,970	11,309	529
West Virginia	18,028	3,836	13,440	2,081	4,588	1,755	1,155	600	
Wisconsin	24,811	6,211	13,301	1,158	11,510	5,053	4,220	400	433
Wyoming	3,353	1,336			3,353	1,336	983		353
Alaska	7,137	1,298			7,137	1,298	1,198	100	
Hawaii	20,082	7,321	1,051	221	19,031	7,100	5,100	2,000	
Puerto Rico	16,392	6,654	8,926	5,010	7,466	1,644	1,644		
Virgin Islands	479	176	230	126	249	50	50		
Cuba	700	200			700	200	200		
Canal Zone	9,409	2,782			9,409	2,782	2,486	296	
Samoa	19	6			19	6	6		

[1] Includes 194 dormitory units in Georgia.
[2] Includes 24,800 dwelling units under the Title V (veterans') housing program with an estimated development cost of $34,709,000.

Source: National Housing Agency, Federal Public Housing Authority; Annual Report of the National Housing Agency, 1945.

No. 900.—Dwelling Units, Urban and Rural, by Occupancy, and Tenure and Color of Occupants: 1940

Occupancy, and tenure and color of occupants	Number				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
Occupancy								
All dwelling units	37,325,470	21,616,352	8,066,837	7,642,281	100.0	57.9	21.6	20.5
Occupied	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Vacant, for sale or rent	1,864,383	918,297	510,676	435,410	100.0	49.3	27.4	23.4
Ordinary	1,475,374	826,243	275,940	373,191	100.0	56.0	18.7	25.3
Seasonal	341,831	65,074	224,670	52,087	100.0	19.0	65.7	15.2
Not reporting	47,178	26,980	10,066	10,132	100.0	57.2	21.3	21.5
Vacant, not for sale or rent	606,555	101,555	404,688	100,312	100.0	16.7	66.7	16.5
Held for absent household	500,913	69,599	346,556	84,758	100.0	13.9	69.2	16.9
Ordinary	164,516	45,203	67,044	52,269	100.0	27.5	40.8	31.8
Seasonal	336,397	24,396	279,512	32,489	100.0	7.3	83.1	9.7
Occupied by nonresident household	105,642	31,956	58,132	15,554	100.0	30.2	55.0	14.7
Ordinary	44,276	21,967	13,474	8,835	100.0	49.6	30.4	20.0
Seasonal	61,366	9,989	44,658	6,719	100.0	16.3	72.8	10.9
Tenure and color								
Occupied dwelling units	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Owner	15,195,763	7,714,960	3,698,076	3,782,727	100.0	50.8	24.3	24.9
Tenant	19,658,769	12,881,540	3,453,397	3,323,832	100.0	65.5	17.6	16.9
Occupied by white household	31,561,126	18,868,480	6,590,687	6,101,959	100.0	59.8	20.9	19.3
Owner	14,418,092	7,372,835	3,494,220	3,551,037	100.0	51.1	24.2	24.6
Tenant	17,143,034	11,495,645	3,096,467	2,550,922	100.0	67.1	18.1	14.9
Occupied by nonwhite household	3,293,406	1,728,020	560,786	1,004,600	100.0	52.5	17.0	30.5
Owner	777,671	342,125	203,856	231,690	100.0	44.0	26.2	29.8
Tenant	2,515,735	1,385,895	356,930	772,910	100.0	55.1	14.2	30.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Report, Housing, Vol. II, Part 1.

No. 901.—Occupied Dwelling Units or Families, by Tenure: 1890 to 1940

[Figures for 1940 are based on occupied dwelling units and are not strictly comparable with data for private families, but the differences are so small as to be negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920, include a small number of quasi-family groups]

Area and year	Occupied dwelling units or families	Reporting tenure	Owner		Tenant	
			Number	Percent	Number	Percent
United States:						
1890 [1]	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2
1900	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3
1910	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1
1920	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4
1930	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2
1940 [1]	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4
Urban:						
1930	17,372,524	17,113,913	7,432,554	43.4	9,681,359	56.6
1940	20,596,500	20,596,500	7,714,960	37.5	12,881,540	62.5
Rural-nonfarm:						
1930	5,927,502	5,803,159	3,117,418	53.7	2,685,741	46.3
1940	7,151,473	7,151,473	3,698,076	51.7	3,453,397	48.3
Rural-farm:						
1930	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1
1940	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8

[1] Includes estimated data for those of unknown tenure.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 902.—Dwelling Units, Urban and Rural, Total and Occupied, by States: 1940

Division and State	All dwelling units				Occupied dwelling units			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
United States	37,325,470	21,616,352	8,066,837	7,642,281	34,854,532	20,596,500	7,151,473	7,106,559
New England	2,438,329	1,762,742	526,411	149,176	2,201,421	1,674,259	395,506	131,656
Maine	260,659	94,787	120,424	45,448	218,968	88,406	90,186	40,376
New Hampshire	158,044	79,549	59,260	19,235	132,936	75,355	41,550	16,031
Vermont	106,362	33,746	44,036	28,580	92,435	32,465	35,164	24,806
Massachusetts	1,221,252	1,059,441	135,579	26,232	1,120,694	1,002,433	94,541	23,720
Rhode Island	203,469	181,143	19,407	2,919	187,706	171,236	13,860	2,610
Connecticut	488,543	314,076	147,705	26,762	448,682	304,364	120,205	24,113
Middle Atlantic	7,874,403	6,005,483	1,407,247	461,673	7,277,897	5,666,299	1,186,295	425,303
New York	4,032,460	3,279,539	547,515	205,406	3,662,113	3,055,529	423,279	183,305
New Jersey	1,223,887	961,347	226,514	36,026	1,100,260	899,637	167,675	32,948
Pennsylvania	2,618,056	1,764,597	633,218	220,241	2,515,524	1,711,133	595,341	209,050
East North Central	7,681,568	5,010,041	1,455,338	1,216,189	7,275,239	4,853,482	1,269,920	1,151,837
Ohio	1,977,693	1,331,713	365,025	280,955	1,897,796	1,291,248	338,164	268,384
Indiana	1,005,952	555,147	228,338	222,467	961,498	541,073	208,010	212,415
Illinois	2,280,826	1,687,563	333,505	259,758	2,192,724	1,633,017	310,446	249,261
Michigan	1,519,378	958,532	322,921	237,925	1,396,014	924,913	252,211	218,890
Wisconsin	897,719	477,086	205,549	215,084	827,207	463,231	161,089	202,887
West North Central	3,915,903	1,793,744	880,659	1,241,500	3,688,149	1,717,276	815,294	1,155,579
Minnesota	773,042	394,693	159,769	218,580	728,359	383,336	135,689	209,334
Iowa	726,654	320,989	168,924	236,741	701,824	312,393	161,077	228,354
Missouri	1,140,493	609,286	219,366	311,841	1,068,642	573,347	204,507	290,788
North Dakota	162,881	35,118	49,063	78,700	152,043	34,069	47,024	70,950
South Dakota	179,744	45,281	53,087	81,376	165,428	43,558	49,548	72,322
Nebraska	387,368	153,358	94,515	139,495	360,744	146,259	89,390	125,095
Kansas	545,721	235,019	135,935	174,767	511,109	224,314	128,059	158,736
South Atlantic	4,547,316	1,923,265	1,266,878	1,357,173	4,278,771	1,828,329	1,179,744	1,270,698
Delaware	75,567	38,181	25,029	12,357	70,541	37,070	21,830	11,641
Maryland	500,156	297,243	143,734	59,179	465,683	286,505	124,112	55,066
Dist. of Columbia	185,128	185,128	----------	----------	173,445	173,445	----------	----------
Virginia	659,787	252,179	184,768	222,840	627,532	244,105	174,219	209,208
West Virginia	459,725	144,152	199,660	115,913	444,815	140,556	192,771	111,488
North Carolina	820,888	246,060	227,681	347,147	789,659	239,917	217,703	332,039
South Carolina	458,899	126,503	132,422	199,974	434,968	123,503	126,119	185,346
Georgia	796,715	296,325	179,371	321,019	752,241	288,818	170,595	292,828
Florida	590,451	337,494	174,213	78,744	519,887	294,410	152,395	73,082
East South Central	2,736,525	887,147	609,173	1,240,205	2,622,203	862,008	585,233	1,174,962
Kentucky	729,206	247,957	187,475	293,774	698,538	238,283	179,890	280,365
Tennessee	742,030	283,649	158,037	300,344	714,894	276,056	152,197	286,641
Alabama	708,043	232,437	164,531	311,075	673,815	227,309	157,226	289,280
Mississippi	557,246	123,104	99,130	335,012	534,956	120,360	95,920	318,676
West South Central	3,592,215	1,514,410	788,720	1,289,085	3,377,230	1,443,835	747,601	1,185,794
Arkansas	520,613	127,751	116,225	276,637	495,825	123,528	111,636	260,661
Louisiana	619,233	271,064	143,392	204,777	592,528	262,927	136,615	192,986
Oklahoma	647,485	269,613	145,864	232,008	610,481	254,779	139,605	216,097
Texas	1,804,884	845,982	383,239	575,663	1,678,396	802,601	359,745	516,050
Mountain	1,238,588	533,588	393,861	311,139	1,120,450	507,692	343,590	269,168
Montana	177,443	67,221	56,301	53,921	159,963	64,148	49,737	46,078
Idaho	152,835	52,975	45,934	53,926	141,727	50,774	41,235	49,718
Wyoming	76,868	29,024	25,365	22,479	69,374	27,332	22,842	19,200
Colorado	354,660	182,794	96,208	75,658	316,000	174,759	77,956	63,285
New Mexico	145,642	49,527	50,166	45,949	129,475	46,713	43,097	39,665
Arizona	147,079	52,878	62,038	32,163	131,133	48,924	55,813	26,396
Utah	147,291	85,262	39,763	22,266	139,487	81,758	37,115	20,614
Nevada	36,770	13,907	18,086	4,777	33,291	13,284	15,795	4,212
Pacific	3,300,623	2,185,932	738,550	376,141	3,013,172	2,043,320	628,290	341,562
Washington	590,439	322,164	165,746	102,529	537,337	302,208	141,673	93,456
Oregon	369,811	184,069	104,744	80,998	337,492	172,560	92,667	72,265
California	2,340,373	1,679,699	468,060	192,614	2,138,343	1,568,552	393,950	175,841

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II. Part 1.

No. 903.—Dwelling Units, Urban and Rural, by Occupancy and Tenure, by Average and Median Monthly Rent: 1940

[For urban and rural-nonfarm units, monthly rent includes land; for farm units, land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value.]

AREA AND SUBJECT	All dwelling units	Owner occupied	Tenant occupied	Vacant, for sale or rent	Vacant, not for sale or rent
REPORTING MONTHLY RENT					
Total	35,938,118	14,403,635	19,223,611	1,749,702	561,170
Urban and rural-nonfarm	29,129,996	11,129,428	16,177,770	1,350,647	472,151
Urban	21,239,794	7,488,676	12,790,473	867,613	93,032
Rural-nonfarm	7,890,202	3,640,752	3,387,297	483,034	379,119
Rural-farm	6,808,122	3,274,207	3,045,841	399,055	89,019
AVERAGE MONTHLY RENT					
Total	$24.15	$27.47	$21.17	$26.55	$33.30
Urban and rural-nonfarm	27.45	31.52	23.95	32.60	37.09
Urban	30.83	36.69	27.01	34.83	47.24
Rural-nonfarm	18.35	20.88	12.36	28.59	34.59
Rural-farm	10.00	13.69	6.45	6.09	13.22
MEDIAN MONTHLY RENT [1]					
Total	$20.09	$23.17	$18.22	$18.59	$21.52
Urban and rural-nonfarm	23.73	27.45	21.41	24.60	24.25
Urban	27.31	32.59	24.60	27.98	32.28
Rural-nonfarm	13.20	16.21	10.08	17.19	22.57
Rural-farm	5.97	9.78	4.72	3.84	6.29

[1] The median rent is the rent which divides the total number of dwelling units into 2 equal parts, 1 having rents higher than the median and 1 having rents lower than the median.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 904.—Dwelling Units, Urban and Rural, by Estimated Total Monthly Rent and Estimated Total Value: 1940

[For urban and rural-nonfarm units, monthly rent and value include land; for farm units, land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value. Value of owner-occupied units represents the owners' estimate of the value. For tenant-occupied and vacant units value was estimated as 100 times the monthly rent. Value or rent of units for which these data were not reported was estimated by assuming that the average value or rent of such units was the same as the value or rent of reporting units in the corresponding tenure and occupancy group of the urban and rural areas of each region.]

[In thousands]

SUBJECT AND OCCUPANCY STATUS	Total	Urban	Rural-nonfarm	Rural-farm
Estimated total monthly rent of all dwelling units	$893,715	$668,362	$148,565	$76,788
Owner-occupied	411,906	283,508	77,211	51,187
Tenant-occupied	412,287	347,984	42,705	21,598
Vacant, for sale or rent	49,422	32,068	14,678	2,676
Vacant, not for sale or rent	20,101	4,802	13,971	1,327
Estimated total value of all dwelling units	$95,439,310	$71,110,397	$16,267,971	$8,060,942
Owner-occupied	46,151,888	31,929,917	8,914,115	5,307,855
Tenant-occupied	42,211,598	35,442,459	4,443,164	2,325,975
Vacant, for sale or rent	5,035,391	3,252,718	1,493,318	289,355
Vacant, not for sale or rent	2,040,433	485,302	1,417,373	137,757

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II; and Housing, Special Reports, Series H-1943, No. 1.

No. 905.—Owner-Occupied Dwelling Units, Urban and Rural, and Tenant-Occupied Units, by States: 1940

Note.—For total number of occupied units, see table 902.

Division and State	Owner-occupied units								Tenant-occupied units	
	Number				Percent					
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm	Number	Percent
United States	15,195,763	7,714,960	3,698,076	3,782,727	43.6	37.5	51.7	53.2	19,658,769	56.4
New England	924,408	592,745	224,230	107,433	42.0	35.4	56.7	81.6	1,277,013	58.0
Maine	125,390	36,988	54,209	34,193	57.3	41.8	60.1	84.7	93,578	42.7
New Hampshire	68,705	30,757	24,374	13,574	51.7	40.8	58.7	84.7	64,231	48.3
Vermont	51,709	13,198	18,638	19,873	55.9	40.7	53.0	80.1	40,726	44.1
Massachusetts	426,785	351,833	55,940	19,012	38.1	35.1	59.2	80.2	693,909	61.9
Rhode Island	70,190	61,010	7,274	1,906	37.4	35.6	52.5	73.0	117,516	62.6
Connecticut	181,629	98,959	63,795	18,875	40.5	32.5	53.1	78.3	267,053	59.5
Middle Atlantic	2,700,214	1,746,612	644,251	309,351	37.1	30.8	54.3	72.7	4,577,683	62.9
New York	1,111,388	726,860	247,360	137,168	30.3	23.8	58.4	74.8	2,550,725	69.7
New Jersey	433,878	315,560	95,311	23,007	39.4	35.1	56.8	69.8	666,382	60.6
Pennsylvania	1,154,948	704,192	301,580	149,176	45.9	41.2	50.7	71.4	1,360,576	54.1
East North Central	3,565,823	2,033,285	778,560	753,978	49.0	41.9	61.3	65.5	3,709,416	51.0
Ohio	948,354	568,057	200,880	179,417	50.0	44.0	59.4	66.9	949,442	50.0
Indiana	510,636	245,764	126,050	138,822	53.1	45.4	60.6	65.4	450,862	46.9
Illinois	882,870	573,029	185,445	124,396	40.3	35.1	59.7	49.9	1,309,854	59.7
Michigan	773,755	438,376	169,355	166,024	55.4	47.4	67.1	75.8	622,259	44.6
Wisconsin	450,208	208,059	96,830	145,319	54.4	44.9	60.1	71.6	376,999	45.6
West North Central	1,817,304	750,233	452,932	614,139	49.3	43.7	55.6	53.1	1,870,845	50.7
Minnesota	402,318	184,886	82,143	135,289	55.2	48.2	60.5	64.6	326,041	44.8
Iowa	361,477	157,732	94,440	109,305	51.5	50.5	58.6	47.9	340,347	48.5
Missouri	472,950	201,064	109,856	162,030	44.3	35.1	53.7	55.7	595,692	55.7
North Dakota	75,710	13,549	24,526	37,635	49.8	39.8	52.2	53.0	76,333	50.2
South Dakota	74,388	18,259	23,708	32,421	45.0	41.9	47.8	44.8	91,040	55.0
Nebraska	169,966	67,969	46,606	55,391	47.1	46.5	52.1	44.3	190,778	52.9
Kansas	260,495	106,774	71,653	82,068	51.0	47.6	56.0	51.7	250,614	49.0
South Atlantic	1,733,705	631,317	491,233	611,155	40.5	34.5	41.6	48.1	2,545,066	59.5
Delaware	33,213	15,265	11,513	6,435	47.1	41.2	52.7	55.3	37,328	52.9
Maryland	220,765	116,595	71,450	32,720	47.4	40.7	57.6	59.4	244,918	52.6
Dist. of Columbia	51,944	51,944	----------	----------	29.9	29.9	----------	----------	121,501	70.1
Virginia	306,688	88,362	85,994	132,332	48.9	36.2	49.4	63.3	320,844	51.1
West Virginia	194,409	56,588	61,920	75,901	43.7	40.3	32.1	68.1	250,406	56.3
North Carolina	335,063	76,758	92,787	165,518	42.4	32.0	42.6	49.8	454,596	57.6
South Carolina	133,279	33,309	35,618	64,352	30.6	27.0	28.2	34.7	301,689	69.4
Georgia	231,689	76,968	61,297	93,424	30.8	26.6	35.9	31.9	520,552	69.2
Florida	226,655	115,528	70,654	40,473	43.6	39.2	46.4	55.4	293,232	56.4
East South Central	1,055,110	294,486	233,166	527,458	40.2	34.2	39.8	44.9	1,567,093	59.8
Kentucky	335,350	90,425	74,854	170,071	48.0	37.9	41.6	60.7	363,188	52.0
Tennessee	315,182	92,385	69,529	153,268	44.1	33.5	45.7	53.5	399,712	55.9
Alabama	226,460	70,224	51,943	104,293	33.6	30.9	33.0	36.1	447,355	66.4
Mississippi	178,118	41,452	36,840	99,826	33.3	34.4	38.4	31.3	356,838	66.7
West South Central	1,384,207	566,835	356,475	470,897	41.3	39.3	47.7	39.7	1,983,023	58.7
Arkansas	196,916	47,397	47,185	102,334	39.7	38.4	42.3	39.3	298,909	60.3
Louisiana	218,447	83,491	65,967	68,989	36.9	31.8	48.3	35.7	374,081	63.1
Oklahoma	261,162	109,403	65,746	86,013	42.8	42.9	47.1	39.8	349,319	57.2
Texas	717,682	326,544	177,577	213,561	42.8	40.7	49.4	41.4	960,714	57.2
Mountain	582,978	233,574	179,270	170,134	52.0	46.0	52.2	63.2	537,472	48.0
Montana	83,126	27,627	26,652	28,847	52.0	43.1	53.6	62.6	76,837	48.0
Idaho	82,078	27,059	22,577	32,442	57.9	53.3	54.8	65.3	59,649	42.1
Wyoming	33,749	12,645	9,768	11,336	48.6	46.3	42.8	59.0	35,625	51.4
Colorado	146,455	75,062	38,902	32,491	46.3	43.0	49.9	51.3	169,545	53.7
New Mexico	74,150	21,851	23,824	28,475	57.3	46.8	55.3	71.8	55,325	42.7
Arizona	62,842	19,191	26,867	16,784	47.9	39.2	48.1	63.6	68,291	52.1
Utah	85,225	44,568	23,766	16,891	61.1	54.5	64.0	81.9	54,262	38.9
Nevada	15,353	5,571	6,914	2,868	46.1	41.9	43.8	68.1	17,938	53.9
Pacific	1,422,014	865,873	337,959	218,182	47.2	42.4	53.8	63.9	1,591,158	52.8
Washington	306,174	152,059	85,973	68,142	57.0	50.3	60.7	72.9	231,163	43.0
Oregon	187,044	84,211	51,564	51,269	55.4	48.8	55.6	70.9	150,448	44.6
California	928,796	629,603	200,422	98,771	43.4	40.1	50.9	56.2	1,209,547	56.6

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 906.—Dwelling Units, Urban and Rural-Nonfarm, by Occupancy and Tenure, by Contract or Estimated Monthly Rent: 1940

Note.—Monthly rental data include contract rent of tenant occupied units and estimated rental value of owner occupied and vacant units.

Area and contract or estimated monthly rent	Number				Percent distribution			
	All dwelling units [1]	Owner occupied	Tenant occupied	Vacant, for sale or rent	All dwelling units	Owner occupied	Tenant occupied	Vacant, for sale or rent
URBAN AND RURAL-NONFARM								
Total	29,683,189	11,413,036	16,334,937	1,428,973				
Reporting monthly rent	29,129,996	11,129,428	16,177,770	1,350,647	100.0	100.0	100.0	100.0
Monthly rental under $5	1,589,581	620,059	885,741	65,247	5.5	5.6	5.5	4.8
$5 to $9	3,035,678	922,485	1,936,661	130,349	10.4	8.3	12.0	9.7
$10 to $14	3,568,828	1,052,797	2,279,797	172,217	12.3	9.5	14.1	12.8
$15 to $19	3,506,089	1,075,771	2,217,466	157,621	12.0	9.7	13.7	11.7
$20 to $24	3,385,357	1,170,129	2,013,190	147,194	11.6	10.5	12.4	10.9
$25 to $29	3,245,638	1,224,290	1,839,540	134,101	11.1	11.0	11.4	9.9
$30 to $39	4,686,646	1,919,155	2,526,102	187,746	16.1	17.2	15.6	13.9
$40 to $49	2,671,603	1,218,572	1,300,080	121,083	9.2	10.9	8.0	9.0
$50 to $59	1,408,799	739,763	570,410	73,433	4.8	6.6	3.5	5.4
$60 to $74	936,582	533,483	326,662	57,395	3.2	4.8	2.0	4.2
$75 to $99	553,949	328,242	164,301	42,690	1.9	2.9	1.0	3.2
$100 and over	541,246	324,682	117,820	61,571	1.9	2.9	.7	4.6
Not reporting	553,193	283,608	157,167	78,326				
URBAN								
Total	21,616,352	7,714,960	12,881,540	918,297				
Reporting monthly rent	21,239,794	7,488,676	12,790,473	867,613	100.0	100.0	100.0	100.0
Monthly rental under $5	406,019	145,798	247,500	11,328	1.9	1.9	1.9	1.3
$5 to $9	1,321,672	307,415	963,181	47,078	6.2	4.1	7.5	5.4
$10 to $14	2,155,095	474,361	1,576,886	96,111	10.1	6.3	12.3	11.1
$15 to $19	2,542,789	628,595	1,799,984	105,261	12.0	8.4	14.1	12.1
$20 to $24	2,685,580	796,301	1,774,408	105,116	12.6	10.6	13.9	12.1
$25 to $29	2,685,526	912,352	1,663,812	98,878	12.6	12.2	13.0	11.4
$30 to $39	4,098,805	1,549,526	2,384,318	149,860	19.3	20.7	18.6	17.3
$40 to $49	2,394,205	1,034,677	1,252,784	96,972	11.3	13.8	9.8	11.2
$50 to $59	1,237,615	627,968	546,414	55,918	5.8	8.4	4.3	6.4
$60 to $74	819,970	460,286	313,445	40,854	3.9	6.1	2.5	4.7
$75 to $99	470,016	282,354	155,877	27,044	2.2	3.8	1.2	3.1
$100 and over	422,502	269,043	111,864	33,193	2.0	3.6	.9	3.8
Not reporting	376,558	226,284	91,067	50,684				
RURAL-NONFARM								
Total	8,066,837	3,698,076	3,453,397	510,676				
Reporting monthly rent	7,890,202	3,640,752	3,387,297	483,034	100.0	100.0	100.0	100.0
Monthly rental under $5	1,183,562	474,261	638,241	53,919	15.0	13.0	18.8	11.2
$5 to $9	1,714,006	615,070	973,480	83,271	21.7	16.9	28.7	17.2
$10 to $14	1,413,733	578,436	702,911	76,106	17.9	15.9	20.8	15.8
$15 to $19	963,300	447,176	417,482	52,360	12.2	12.3	12.3	10.8
$20 to $24	699,777	373,828	238,782	42,078	8.9	10.3	7.0	8.7
$25 to $29	560,112	311,938	175,728	35,223	7.1	8.6	5.2	7.3
$30 to $39	587,841	369,629	141,784	37,886	7.5	10.2	4.2	7.8
$40 to $49	277,398	183,895	47,296	24,111	3.5	5.1	1.4	5.0
$50 to $59	171,184	111,795	23,996	17,515	2.2	3.1	.7	3.6
$60 to $74	116,612	73,197	13,217	16,541	1.5	2.0	.4	3.4
$75 to $99	83,933	45,888	8,424	15,646	1.1	1.3	.2	3.2
$100 and over	118,744	55,639	5,956	28,378	1.5	1.5	.2	5.9
Not reporting	176,635	57,324	66,100	27,642				

[1] Figures include vacant units that were not for sale or rent, not shown separately.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II Part 1.

No. 907.—Dwelling Units, Urban and Rural-Nonfarm, by Value or Monthly Rental: 1930 and 1940

Year and value or monthly rent	Number			Percent distribution		
	Urban and rural-nonfarm	Urban	Rural-nonfarm	Urban and rural-nonfarm	Urban	Rural-nonfarm
1930 [1]						
Owned homes	10,549,972	7,432,554	3,117,418			
Reporting value	10,294,068	7,285,911	3,008,157	100.0	100.0	100.0
Value under $1,000	794,724	231,285	563,439	7.7	3.2	18.7
$1,000 to $1,499	570,047	232,448	337,599	5.5	3.2	11.2
$1,500 to $1,999	531,277	257,130	274,147	5.2	3.5	9.1
$2,000 to $2,999	1,167,325	669,458	497,867	11.3	9.2	16.6
$3,000 to $4,999	2,343,769	1,688,542	655,227	22.8	23.2	21.8
$5,000 to $7,499	2,297,029	1,898,247	398,782	22.3	26.1	13.3
$7,500 to $9,999	989,468	879,361	110,107	9.6	12.1	3.7
$10,000 to $14,999	906,557	810,623	95,934	8.8	11.1	3.2
$15,000 to $19,999	339,535	306,953	32,582	3.3	4.2	1.1
$20,000 and over	354,337	311,864	42,473	3.4	4.3	1.4
Not reporting value	255,904	146,643	109,261			
Rented homes	12,367,100	9,681,359	2,685,741			
Reporting rent	12,035,720	9,487,648	2,548,072	100.0	100.0	100.0
Rental under $10	1,563,952	510,114	1,053,838	13.0	5.4	41.4
$10 to $14	1,330,927	782,005	548,922	11.1	8.2	21.5
$15 to $19	1,302,387	962,787	339,600	10.8	10.1	13.3
$20 to $29	2,545,208	2,178,212	366,996	21.1	23.0	14.4
$30 to $49	3,191,435	3,009,786	181,649	26.5	31.7	7.1
$50 to $74	1,503,401	1,464,279	39,122	12.5	15.4	1.5
$75 to $99	343,071	334,308	8,763	2.9	3.5	.3
$100 to $149	163,292	157,436	5,856	1.4	1.7	.2
$150 to $199	46,297	44,613	1,684	.4	.5	.1
$200 and over	45,750	44,108	1,642	.4	.5	.1
Not reporting rent	331,380	193,711	137,669			
1940						
Owner-occupied units	11,413,036	7,714,960	3,698,076			
Reporting value	11,021,712	7,399,787	3,621,925	100.0	100.0	100.0
Value under $1,000	1,769,679	588,511	1,181,168	16.1	8.0	32.6
$1,000 to $1,499	982,752	507,715	475,037	8.9	6.9	13.1
$1,500 to $1,999	951,194	590,975	360,219	8.6	8.0	9.9
$2,000 to $2,999	1,920,038	1,353,741	566,297	17.4	18.3	15.6
$3,000 to $4,999	2,851,852	2,240,533	611,319	25.9	30.3	16.9
$5,000 to $7,499	1,601,543	1,325,322	276,221	14.5	17.9	7.6
$7,500 to $9,999	449,060	381,284	67,776	4.1	5.2	1.9
$10,000 to $14,999	302,194	253,020	49,174	2.7	3.4	1.4
$15,000 to $19,999	99,147	82,693	16,454	.9	1.1	.5
$20,000 and over	94,253	75,993	18,260	.9	1.0	.5
Not reporting value	391,324	315,173	76,151			
Tenant-occupied units	16,334,937	12,881,540	3,453,397			
Reporting rent	16,177,770	12,790,473	3,387,297	100.0	100.0	100.0
Rental under $10	2,822,402	1,210,681	1,611,721	17.4	9.5	47.6
$10 to $14	2,279,797	1,576,886	702,911	14.1	12.3	20.8
$15 to $19	2,217,466	1,799,984	417,482	13.7	14.1	12.3
$20 to $29	3,852,730	3,438,220	414,510	23.8	26.9	12.2
$30 to $49	3,826,182	3,637,102	189,080	23.7	28.4	5.6
$50 to $74	897,072	859,859	37,213	5.5	6.7	1.1
$75 to $99	164,301	155,877	8,424	1.0	1.2	.2
$100 to $149	79,191	74,817	4,374	.5	.6	.1
$150 to $199	20,911	19,942	969	.1	.2	
$200 and over	17,718	17,105	613	.1	.1	
Not reporting rent	157,167	91,067	66,100			
Median value of owned homes [2]						
1930	$4,778	$5,743	$2,661			
1940	2,938	3,501	1,715			
Median rent of rented homes [2]						
1930	$27.15	$32.06	$12.01			
1940	21.41	24.60	10.08			

[1] Includes only private families that reported tenure.
[2] For definition of median, see headnote, table 908.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 908.—Dwelling Units, Urban and Rural-Nonfarm—Median Contract or Estimated Monthly Rent and Median Value, by Tenure: 1940

Note.—The median may be defined as that item which is in the middle of a series arranged according to size. Thus, the median rent is the rent which divides the total number of dwelling units into two equal groups, one having rents higher than the median and one having rents lower than the median. Monthly rental data include contract rent of tenant-occupied units and estimated rent of owner-occupied and vacant units. Figures for "All dwelling units" include vacant units.

Division and State	Median contract or estimated monthly rent (dollars)									Median value of owner-occupied units (dollars)		
	Urban and rural-nonfarm			Urban			Rural-nonfarm					
	All dwelling units	Owner occupied	Tenant occupied	All dwelling units	Owner occupied	Tenant occupied	All dwelling units	Owner occupied	Tenant occupied	Urban and rural-nonfarm	Urban	Rural-nonfarm
United States	23.73	27.45	21.41	27.31	32.59	24.60	13.20	16.21	10.08	2,938	3,501	1,715
New England	26.19	32.87	23.19	27.14	35.88	23.98	22.09	24.15	16.83	3,652	3,944	2,747
Maine	18.87	19.14	17.41	22.84	27.01	20.94	14.94	14.24	12.55	2,008	2,873	1,483
N. H.	19.97	23.13	17.53	21.83	27.63	18.90	17.10	17.24	13.54	2,505	3,048	1,893
Vermont	19.02	24.37	16.25	24.43	34.69	20.18	14.46	17.62	11.97	2,836	4,141	2,057
Mass.	28.00	35.63	24.69	28.33	37.07	25.13	25.04	26.96	18.40	3,837	3,981	2,997
Rhode Island	23.29	33.05	20.17	23.47	34.02	20.43	21.01	25.54	15.59	3,848	3,941	3,045
Connecticut	28.91	38.84	25.00	28.34	38.80	25.36	31.10	38.91	23.41	4,615	4,575	4,682
Middle Atlantic	30.39	34.85	28.59	32.62	38.38	30.32	20.07	24.22	14.99	3,840	4,210	2,824
New York	34.51	39.48	33.39	35.76	43.31	34.22	24.89	28.23	19.62	4,389	4,730	3,352
New Jersey	31.73	40.53	27.95	33.01	43.76	28.75	26.78	31.32	21.05	4,528	4,848	3,599
Pa.	24.21	28.81	21.30	26.92	32.73	23.73	14.99	19.37	12.43	3,205	3,562	2,221
E. N. Central	25.79	28.41	23.70	28.63	32.75	25.98	14.65	16.44	11.67	3,096	3,572	1,803
Ohio	25.03	29.79	21.59	27.34	33.70	23.41	14.74	17.73	11.96	3,415	3,816	2,024
Indiana	19.60	22.79	17.38	23.10	27.40	19.81	12.09	13.40	9.78	2,406	2,937	1,434
Illinois	27.70	29.61	26.58	30.74	34.02	28.73	13.61	15.56	11.18	3,277	3,766	1,715
Michigan	27.44	28.31	26.64	30.42	32.58	28.72	16.87	16.94	13.12	2,863	3,310	1,749
Wisconsin	26.30	28.93	23.89	29.22	33.55	26.56	17.17	18.62	12.54	3,232	3,701	2,136
W. N. Central	18.87	22.00	17.01	23.41	27.83	20.50	11.65	13.38	9.77	2,312	2,930	1,417
Minnesota	24.87	28.37	21.68	28.72	33.45	24.89	15.41	17.33	12.40	3,024	3,511	1,876
Iowa	18.87	21.09	16.94	23.43	26.44	20.74	12.44	13.83	10.87	2,253	2,769	1,479
Missouri	18.51	22.62	16.77	21.86	27.81	19.16	10.04	12.55	7.81	2,392	3,005	1,316
N. Dakota	15.36	16.07	15.07	27.45	32.74	25.12	10.78	11.78	10.11	1,626	3,319	1,185
S. Dakota	14.36	15.88	13.84	22.33	25.48	20.71	10.17	11.42	9.37	1,618	2,571	1,139
Nebraska	17.57	20.00	15.92	23.36	26.73	20.92	10.74	12.45	9.46	2,156	2,793	1,375
Kansas	14.91	16.94	13.69	18.24	20.98	16.56	10.10	11.88	8.73	1,733	2,111	1,247
South Atlantic	16.05	24.31	12.49	22.20	32.14	17.20	9.22	14.40	6.47	2,513	3,380	1,542
Delaware	28.26	37.81	22.58	31.39	43.03	25.28	22.09	30.04	15.30	4,159	4,743	3,381
Maryland	25.60	31.65	21.66	26.82	33.12	23.12	21.28	27.35	14.11	3,031	3,050	2,984
Dist. of Col.	47.53	64.80	41.42	47.53	64.80	41.42	------	------	------	7,568	7,568	------
Virginia	16.45	23.98	13.27	21.58	32.95	17.04	10.50	15.53	7.21	2,633	3,629	1,769
W. Virginia	13.97	21.12	12.08	23.34	30.38	19.80	9.73	13.59	8.76	2,350	3,579	1,460
N. Carolina	11.66	17.37	9.42	15.01	26.77	12.45	7.78	12.02	5.89	1,802	2,827	1,249
S. Carolina	8.50	19.97	6.48	12.24	29.47	9.05	6.05	12.82	5.25	2,145	3,368	1,346
Georgia	10.10	19.27	8.15	12.71	25.36	10.29	6.11	12.66	5.00	1,957	2,560	1,314
Florida	16.95	21.51	12.92	21.86	27.63	16.52	8.33	11.88	5.75	2,218	2,966	1,158
E. S. Central	11.07	17.25	8.98	14.68	24.06	12.12	6.18	9.92	5.42	1,752	2,482	981
Kentucky	13.29	19.81	11.23	18.38	26.96	15.10	7.41	10.58	6.48	2,074	2,907	1,068
Tennessee	12.38	17.80	10.49	14.95	23.76	12.68	6.72	10.89	5.54	1,826	2,436	1,121
Alabama	8.80	15.76	7.26	12.42	22.45	9.73	5.45	8.98	4.73	1,610	2,341	909
Mississippi	7.78	13.17	6.24	11.01	20.07	8.57	5.28	8.04	4.54	1,189	1,875	689
W. S. Central	13.43	16.06	12.15	17.67	22.66	15.34	6.36	8.09	5.84	1,489	2,216	682
Arkansas	8.04	11.22	6.47	13.59	19.07	11.07	4.95	5.82	4.44	1,100	1,960	585
Louisiana	12.43	14.83	11.54	15.93	22.91	13.90	5.67	6.44	5.13	1,414	2,314	643
Oklahoma	13.16	14.03	12.59	18.12	21.34	16.62	5.97	5.94	5.95	1,293	2,088	526
Texas	14.99	18.16	13.40	18.80	23.58	16.37	8.60	10.71	6.73	1,693	2,273	889
Mountain	17.65	19.45	16.92	23.14	26.53	21.01	11.57	11.56	11.51	1,802	2,644	897
Montana	17.66	18.74	17.72	23.86	26.78	22.40	11.89	12.14	11.97	1,651	2,567	937
Idaho	16.10	17.25	15.33	21.33	23.60	19.59	11.59	11.75	11.26	1,600	2,363	933
Wyoming	18.56	22.87	16.94	25.05	30.19	22.37	12.66	14.15	12.28	2,174	3,119	1,160
Colorado	19.26	22.00	18.06	23.42	27.20	21.26	12.18	12.61	11.22	2,091	2,715	997
New Mexico	11.49	9.62	12.99	19.17	20.19	18.50	6.18	4.73	8.14	656	1,715	362
Arizona	15.26	17.06	14.57	20.89	26.57	18.13	11.89	11.78	12.17	1,400	2,488	812
Utah	20.10	22.43	18.17	24.17	27.22	21.15	12.46	13.60	11.29	2,320	2,861	1,373
Nevada	20.82	24.26	19.84	31.68	37.71	28.79	14.41	14.30	14.69	1,987	3,838	963
Pacific	25.97	29.53	23.85	28.39	33.47	25.84	17.40	19.90	15.19	3,156	3,554	2,008
Washington	19.43	22.60	17.47	22.80	26.18	19.72	13.75	15.89	11.98	2,359	2,743	1,624
Oregon	18.77	21.95	16.94	22.74	26.42	19.58	12.81	14.41	11.47	2,343	2,860	1,434
California	28.01	33.26	25.61	29.96	36.20	27.04	20.08	23.52	17.44	3,527	3,840	2,388

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 909.—Dwelling Units, Urban and Rural-Nonfarm, by Contract or Estimated Monthly Rent, by States: 1940

Note.—Monthly rental data include contract rent of tenant-occupied units and estimated rent of owner occupied and vacant units.

Division and State	All dwelling units [1]	Under $10	$10 to $14	$15 to $19	$20 to $29	$30 to $49	$50 to $74	$75 to $99	$100 and over
United States	29,683,189	4,625,259	3,568,828	3,506,089	6,630,995	7,358,249	2,345,381	553,949	541,246
New England	2,289,153	108,765	241,664	310,832	640,023	603,314	194,731	53,485	63,598
Maine	215,211	38,155	36,325	33,097	49,163	32,384	10,444	2,744	4,454
New Hampshire	138,809	14,634	24,785	25,187	35,095	23,252	5,940	1,497	2,639
Vermont	77,782	11,758	14,401	12,830	16,892	12,522	4,244	1,090	1,753
Massachusetts	1,195,020	28,448	105,579	148,348	344,206	357,030	111,225	30,080	32,562
Rhode Island	200,550	6,440	27,345	36,201	60,381	43,844	13,860	3,364	4,011
Connecticut	461,781	9,330	33,229	55,169	134,286	134,282	49,018	14,710	18,179
Middle Atlantic	7,412,730	326,222	583,413	791,780	1,794,980	2,406,302	897,326	223,171	231,305
New York	3,827,054	85,989	207,314	329,052	828,834	1,431,591	567,066	143,436	148,465
New Jersey	1,187,861	30,066	73,817	124,211	296,757	387,900	155,903	40,355	45,271
Pennsylvania	2,397,815	210,167	302,282	338,517	669,389	586,811	174,357	39,380	37,569
East North Central	6,465,379	667,322	749,487	795,308	1,553,771	1,886,729	519,744	110,385	91,986
Ohio	1,696,738	164,833	204,397	224,390	440,348	461,755	124,951	28,710	23,853
Indiana	783,485	141,281	129,742	112,595	178,060	159,766	37,218	7,449	4,969
Illinois	2,021,068	188,582	220,757	231,432	433,651	643,021	205,139	39,764	34,309
Michigan	1,281,453	111,324	122,868	142,918	324,567	416,785	102,937	22,828	19,187
Wisconsin	682,635	61,302	71,723	83,973	177,145	205,402	49,499	11,634	9,668
West North Central	2,674,403	540,245	446,453	375,434	577,569	517,445	127,907	24,875	19,287
Minnesota	554,462	54,248	70,641	76,640	131,816	158,986	40,359	7,260	5,252
Iowa	489,913	89,880	86,487	72,931	115,042	90,995	19,999	2,918	1,826
Missouri	828,652	181,554	137,850	110,229	171,410	151,078	43,433	10,813	9,465
North Dakota	84,181	23,532	15,810	10,501	14,138	14,166	3,475	434	222
South Dakota	98,368	29,405	19,164	13,473	18,096	13,271	2,178	302	185
Nebraska	247,873	54,990	45,046	36,128	54,307	41,933	9,134	1,655	1,201
Kansas	370,954	106,636	71,455	55,532	72,760	47,016	9,329	1,493	1,136
South Atlantic	3,190,143	993,695	474,719	317,686	501,054	509,449	220,120	59,730	57,021
Delaware	63,210	6,686	6,188	6,710	12,982	17,659	7,818	1,679	2,262
Maryland	440,977	47,019	50,000	50,037	110,368	114,315	38,577	11,448	10,523
Dist. of Columbia	185,128	1,115	4,203	6,301	19,849	66,603	54,480	16,493	13,409
Virginia	436,947	124,663	72,167	47,481	67,420	72,162	32,889	8,086	5,796
West Virginia	343,812	107,914	67,275	42,999	55,943	42,208	13,765	3,239	2,724
North Carolina	473,741	194,136	89,806	47,335	59,295	49,369	17,505	4,420	3,978
South Carolina	258,925	138,042	36,528	19,198	26,923	22,890	7,639	1,950	2,786
Georgia	475,696	225,291	74,206	43,300	55,987	46,453	15,638	4,179	3,480
Florida	511,707	148,829	74,346	54,325	92,287	77,730	31,809	8,236	12,063
East South Central	1,496,320	659,733	240,852	149,245	193,118	161,365	48,555	10,055	8,140
Kentucky	435,432	159,442	71,604	50,183	64,424	56,340	18,282	4,067	3,139
Tennessee	441,686	170,648	81,622	47,688	60,187	53,417	15,965	3,174	2,703
Alabama	396,968	207,721	59,615	34,362	43,725	32,494	9,086	1,925	1,578
Mississippi	222,234	121,922	28,011	17,012	24,782	19,114	5,222	889	720
West South Central	2,303,130	848,684	362,591	275,041	394,454	279,105	75,256	16,799	15,941
Arkansas	243,976	131,701	33,487	22,279	28,892	17,925	4,233	736	660
Louisiana	414,456	164,358	69,251	51,008	60,501	44,341	14,226	3,367	2,953
Oklahoma	415,477	153,332	67,922	51,471	70,429	46,349	11,763	2,475	2,491
Texas	1,229,221	399,293	191,931	150,283	234,632	170,490	45,034	10,221	9,837
Mountain	927,449	224,596	150,356	123,992	190,434	163,539	40,020	7,128	6,030
Montana	123,522	27,574	22,043	17,300	26,693	21,338	5,098	648	381
Idaho	98,909	25,461	18,159	13,969	20,101	15,118	2,699	359	316
Wyoming	54,389	11,477	9,472	7,212	11,971	10,636	2,422	267	142
Colorado	279,002	54,454	44,699	39,521	61,569	53,604	14,367	2,901	2,362
New Mexico	99,693	42,785	13,803	9,152	14,385	12,628	2,903	459	419
Arizona	114,916	35,758	18,410	14,025	20,708	16,949	4,581	941	1,210
Utah	125,025	20,756	19,221	19,081	29,166	26,557	5,546	964	569
Nevada	31,993	6,331	4,549	3,732	5,841	6,709	2,404	589	631
Pacific	2,924,482	255,997	319,293	366,771	785,592	831,001	221,722	48,321	47,938
Washington	487,910	78,352	82,274	79,710	116,586	95,343	19,606	3,522	3,064
Oregon	288,813	50,781	49,711	48,122	68,816	52,136	9,900	2,017	1,623
California	2,147,759	126,864	187,308	238,939	600,190	683,522	192,216	42,782	43,251

[1] Figures include dwelling units with rental unknown, not shown separately.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 910.—Dwelling Units, Tenant-Occupied Urban and Rural-Nonfarm, by Contract Monthly Rent, by States: 1940

Division and State	All dwelling units [1]	Under $10	$10 to $14	$15 to $19	$20 to $29	$30 to $49	$50 to $74	$75 to $99	$100 and over
United States	16,334,937	2,822,402	2,279,797	2,217,466	3,852,730	3,826,182	897,072	164,301	117,820
New England	1,252,790	52,644	169,917	224,512	418,275	308,003	54,046	9,179	5,526
Maine	87,395	13,740	18,852	17,960	23,280	10,755	1,369	104	34
N. Hampshire	61,774	6,115	15,173	15,239	16,482	7,120	819	91	25
Vermont	35,793	5,962	8,935	7,965	8,232	3,741	489	29	18
Massachusetts	689,201	16,704	79,173	111,164	236,151	196,763	34,694	5,959	3,528
Rhode Island	116,812	4,453	21,835	28,304	39,376	18,091	3,099	556	281
Connecticut	261,815	5,670	25,949	43,880	94,754	71,533	13,576	2,440	1,640
Middle Atlantic	4,461,731	193,303	392,755	552,682	1,177,909	1,511,405	433,691	88,140	71,169
New York	2,504,588	44,611	134,290	235,241	588,559	1,022,771	326,071	69,700	61,522
New Jersey	656,441	15,211	48,957	91,493	200,007	226,794	54,304	8,578	3,940
Pennsylvania	1,300,702	133,481	209,508	225,948	389,343	261,840	53,316	9,862	5,707
E. N. Central	3,311,557	344,905	453,404	481,082	843,060	921,296	194,747	30,378	19,846
Ohio	860,475	95,109	133,509	144,368	247,574	193,649	32,374	5,092	2,898
Indiana	377,269	73,965	76,516	63,185	87,689	61,848	9,096	1,130	428
Illinois	1,184,989	102,296	146,112	153,094	258,333	376,661	109,322	18,045	12,976
Michigan	569,393	43,185	57,381	72,010	156,833	199,741	30,031	4,258	2,264
Wisconsin	319,431	30,350	39,886	48,425	92,631	89,397	13,924	1,853	780
W. N. Central	1,329,405	286,698	264,127	212,871	292,853	215,420	35,527	5,387	2,768
Minnesota	251,996	25,380	40,981	44,173	64,165	62,981	10,495	1,280	512
Iowa	221,298	43,406	47,729	37,225	52,288	33,353	4,123	401	138
Missouri	466,934	108,263	91,163	70,057	99,437	73,156	15,345	3,157	1,893
N. Dakota	43,018	11,504	8,966	5,885	7,742	7,232	898	48	15
S. Dakota	51,139	15,465	11,087	7,597	9,428	6,098	447	33	9
Nebraska	121,074	29,260	25,235	19,323	26,154	16,878	2,641	332	164
Kansas	173,946	53,420	38,966	28,611	33,639	15,722	1,578	136	47
South Atlantic	1,885,523	733,149	331,128	198,502	289,564	234,977	73,049	13,739	8,405
Delaware	32,122	4,236	4,229	4,660	8,258	7,924	1,915	259	194
Maryland	222,572	28,576	34,560	32,257	62,848	48,219	10,264	2,397	1,459
Dist. of Col.	121,501	819	3,888	5,838	17,698	53,162	29,182	6,079	3,774
Virginia	243,968	83,744	49,143	29,577	35,206	32,474	9,563	1,417	494
W. Virginia	214,819	79,473	49,574	28,291	30,550	18,011	3,631	459	163
N. Carolina	288,075	143,494	61,328	26,887	28,405	19,228	4,616	495	179
S. Carolina	180,695	115,811	27,126	12,399	14,171	8,580	1,359	189	61
Georgia	321,148	180,840	54,743	27,863	28,954	19,836	4,373	867	349
Florida	260,623	96,156	46,537	30,730	43,474	27,543	8,146	1,577	1,732
E. S. Central	919,589	478,034	166,732	90,906	97,231	62,568	11,837	1,590	610
Kentucky	252,894	107,360	50,937	31,854	34,028	20,972	3,932	565	276
Tennessee	266,339	120,561	56,662	28,713	30,045	22,126	4,705	617	201
Alabama	262,368	161,958	41,258	20,538	21,056	12,669	2,202	312	77
Mississippi	137,988	88,155	17,875	9,801	12,102	6,801	998	96	56
W. S. Central	1,268,126	507,621	226,668	166,560	212,906	117,694	19,345	3,084	1,402
Arkansas	140,582	86,016	19,480	12,308	14,077	6,271	677	90	28
Louisiana	250,084	104,208	49,054	34,874	35,086	20,375	3,932	664	274
Oklahoma	219,235	82,242	41,518	30,894	38,081	19,866	2,606	377	184
Texas	658,225	235,155	116,614	88,484	125,662	71,182	12,130	1,953	916
Mountain	438,438	97,873	83,656	69,914	97,793	69,683	10,080	1,260	515
Montana	59,606	11,150	11,870	9,627	14,221	10,115	1,352	73	29
Idaho	42,373	10,245	9,275	7,034	8,992	5,314	485	28	9
Wyoming	27,761	5,880	5,761	4,293	6,613	4,391	496	33	13
Colorado	138,751	25,677	26,241	23,220	33,042	24,006	3,943	551	197
New Mexico	44,135	16,508	6,957	4,966	7,629	5,921	656	58	37
Arizona	58,679	17,334	11,344	8,430	11,542	7,343	1,210	271	125
Utah	50,539	8,387	9,447	9,862	12,139	8,940	1,168	139	67
Nevada	16,594	2,692	2,761	2,482	3,615	3,653	770	107	38
Pacific	1,467,778	128,175	191,412	220,437	443,139	385,136	64,750	11,544	8,079
Washington	205,849	35,267	42,768	39,103	46,760	33,509	4,242	519	321
Oregon	129,452	24,004	27,222	25,423	30,374	18,059	1,790	262	95
California	1,132,477	68,904	121,422	155,911	366,005	333,568	58,718	10,763	7,663

[1] Figures include dwelling units with rental unknown, not shown separately.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 911.—Dwelling Units, Rural-Farm, by Value of Owner-Occupied Units and by Median Monthly Rent of Tenant-Occupied Units, by States: 1940

Division and state	Owner-occupied units								Tenant-occupied units	
	Total number[1]	Number valued at—							Number	Median monthly rent[2]
		Under $500	$500 to $999	$1,000 to $1,499	$1,500 to $1,999	$2,000 to $2,999	$3,000 to $4,999	$5,000 and over		
United States	3,782,727	851,523	754,690	550,798	321,994	405,379	269,806	120,017	3,323,832	$4.72
New England	107,433	5,370	14,304	16,070	12,030	20,194	19,483	12,333	24,223	12.17
Maine	34,193	3,329	7,271	6,708	4,164	5,575	3,847	1,190	6,183	7.57
New Hampshire	13,574	459	1,601	2,254	1,936	3,034	2,445	956	2,457	11.97
Vermont	19,873	994	3,344	3,701	2,504	3,593	2,704	1,332	4,933	9.12
Massachusetts	19,012	303	1,150	1,840	1,896	4,160	4,907	3,571	4,708	15.90
Rhode Island	1,906	18	96	192	188	412	496	366	704	14.46
Connecticut	18,875	267	842	1,375	1,342	3,420	5,084	4,918	5,238	18.70
Middle Atlantic	309,351	13,803	39,301	47,662	34,080	56,640	54,242	35,208	115,952	11.72
New York	137,168	4,377	15,058	21,368	15,630	26,748	25,449	16,375	46,137	12.14
New Jersey	23,007	493	1,181	2,088	1,949	4,260	5,218	5,193	9,941	15.50
Pennsylvania	149,176	8,933	23,062	24,206	16,501	25,632	23,575	13,640	59,874	10.91
East North Central	753,978	77,506	137,516	134,002	90,724	119,020	75,095	26,815	397,859	9.33
Ohio	179,417	14,722	27,195	28,616	21,277	29,401	22,018	9,940	88,907	10.25
Indiana	138,822	15,862	28,445	25,563	15,615	18,135	10,020	3,489	73,593	8.74
Illinois	124,396	13,946	22,992	19,856	12,508	17,650	12,505	4,926	124,865	9.21
Michigan	166,024	17,112	32,452	32,750	20,944	26,233	16,074	5,108	52,866	8.79
Wisconsin	145,319	15,864	26,432	27,217	20,380	27,601	14,478	3,352	57,568	9.37
West North Central	614,139	96,663	132,344	110,591	68,127	81,339	45,705	11,836	541,440	6.99
Minnesota	135,289	20,219	25,869	25,329	18,728	22,072	11,351	2,501	74,045	10.32
Iowa	109,305	5,082	14,606	20,257	15,785	23,460	15,562	3,873	119,049	10.74
Missouri	162,030	42,260	42,267	25,698	11,531	11,396	5,545	2,147	128,758	5.10
North Dakota	37,635	6,167	8,389	6,679	4,070	4,339	2,273	424	33,315	6.01
South Dakota	32,421	6,769	7,720	5,888	3,129	3,310	1,741	442	39,901	6.27
Nebraska	55,391	5,821	13,296	11,581	6,818	7,925	4,443	1,160	69,704	6.61
Kansas	82,068	10,345	20,197	15,159	8,066	8,837	4,790	1,289	76,668	6.18
South Atlantic	611,155	165,866	136,992	84,359	41,413	44,637	25,502	13,891	659,543	3.58
Delaware	6,435	401	1,001	1,111	812	1,080	853	670	5,206	8.39
Maryland	32,720	2,773	4,501	4,243	2,993	4,886	4,390	3,583	22,346	8.18
Virginia	132,332	32,285	28,472	19,790	10,887	14,071	8,586	4,917	76,876	4.26
West Virginia	75,901	20,090	16,097	10,724	5,850	6,550	3,579	1,247	35,587	4.70
North Carolina	165,518	49,122	41,715	23,240	10,988	8,836	3,401	1,138	166,521	3.86
South Carolina	64,352	22,311	13,831	7,719	2,875	2,227	1,079	544	120,994	3.07
Georgia	93,424	26,131	23,320	12,594	4,664	3,951	1,794	827	199,404	3.04
Florida	40,473	12,753	8,055	4,938	2,344	3,036	1,820	965	32,609	3.77
East South Central	527,458	222,264	118,816	50,519	18,360	16,420	8,485	4,496	647,504	3.17
Kentucky	170,071	75,342	36,204	15,628	6,638	6,690	3,903	2,114	110,294	3.89
Tennessee	153,268	57,630	36,548	17,091	6,661	5,735	2,576	1,356	133,373	3.30
Alabama	104,293	44,680	24,861	9,703	2,992	2,516	1,249	634	184,987	2.53
Mississippi	99,826	44,612	21,203	8,097	2,069	1,479	757	392	218,850	3.25
West South Central	470,897	175,610	108,365	54,975	23,309	19,860	8,382	3,118	714,897	3.76
Arkansas	102,334	49,153	21,076	8,524	2,912	2,147	785	267	158,327	3.11
Louisiana	68,989	31,250	16,129	6,471	2,200	1,952	984	488	123,997	3.23
Oklahoma	86,013	31,597	18,863	9,553	3,741	3,040	1,409	622	130,084	4.33
Texas	213,561	63,610	52,297	30,427	14,456	12,721	5,204	1,741	302,489	4.22
Mountain	170,134	60,773	30,664	20,396	11,543	14,624	8,975	3,012	99,034	6.46
Montana	28,847	9,489	6,022	3,861	2,047	2,404	1,279	411	17,231	6.40
Idaho	32,442	7,793	6,112	4,575	2,850	3,551	1,946	424	17,276	8.91
Wyoming	11,336	3,514	2,521	1,598	772	971	506	194	7,864	7.05
Colorado	32,491	8,966	6,732	4,483	2,604	3,195	1,991	827	30,794	7.13
New Mexico	28,475	17,093	3,583	1,620	675	767	443	149	11,190	5.08
Arizona	16,784	10,079	1,674	986	606	914	793	441	9,612	5.85
Utah	16,891	3,062	3,537	2,906	1,798	2,476	1,724	400	3,723	7.27
Nevada	2,868	777	483	367	191	346	293	166	1,344	11.57
Pacific	218,182	33,668	36,388	32,224	22,408	32,645	23,937	9,308	123,380	10.59
Washington	68,142	11,708	12,819	10,833	7,117	9,570	6,337	2,369	25,314	9.41
Oregon	51,269	10,535	9,931	7,721	4,782	5,874	3,693	1,317	20,996	8.08
California	98,771	11,425	13,638	13,670	10,509	17,201	13,907	5,622	77,070	11.45

[1] Totals include number with value unknown, not shown separately.
[2] Estimated. For definition of median, see headnote, table 908.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 912.—Characteristics of Occupied Dwelling Units, Urban and Rural: 1945

[Statistics are based on data obtained in November 1945 as a supplement to the Monthly Report on the Labor Force. For discussion of this survey, see table 196, p. 173]

Subject	Number (thousands, except medians)				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
All occupied dwelling units	37,600	23,748	7,533	6,319	100.0	100.0	100.0	100.0
Owner	20,009	11,047	4,831	4,131	53.2	46.5	64.1	65.4
Tenant	17,591	12,701	2,702	2,188	46.8	53.5	35.9	34.6
State of repair and plumbing equipment:								
With private bath and private flush toilet	24,385	19,349	4,029	1,007	64.9	81.5	53.5	15.9
With private flush toilet, no private bath	1,536	1,201	273	62	4.1	5.1	3.6	1.0
With running water, no private flush toilet	3,622	1,930	987	705	9.6	8.1	13.1	11.2
No running water in dwelling unit	8,057	1,268	2,244	4,545	21.4	5.3	29.8	71.9
Not needing major repairs	33,258	21,755	6,563	4,940	88.5	91.6	87.1	78.2
With private bath and private flush toilet	23,438	18,586	3,878	974	62.3	78.3	51.5	15.4
With private flush toilet, no private bath	1,225	920	243	62	3.3	3.9	3.2	1.0
With running water, no private flush toilet	2,938	1,517	820	601	7.8	6.4	10.9	9.5
No running water in dwelling unit	5,657	732	1,622	3,303	15.0	3.1	21.5	52.3
Needing major repairs	4,342	1,993	970	1,379	11.5	8.4	12.9	21.8
With private bath and private flush toilet	947	763	151	33	2.5	3.2	2.0	.5
With private flush toilet, no private bath	311	281	30	-------	.8	1.2	.4	-------
With running water, no private flush toilet	684	413	167	104	1.8	1.7	2.2	1.6
No running water in dwelling unit	2,400	536	622	1,242	6.4	2.3	8.3	19.7
Bathing equipment:								
Bathing equipment in structure, exclusive use	24,587	19,404	4,096	1,087	65.4	81.7	54.4	17.2
Bathing equipment in structure, shared	1,566	1,443	105	18	4.2	6.1	1.4	.3
None	11,447	2,901	3,332	5,214	30.4	12.2	44.2	82.5
Toilet facilities:								
Flush toilet in structure, private	25,953	20,581	4,302	1,070	69.0	86.7	57.1	16.9
Flush toilet in structure, shared	1,684	1,547	119	18	4.5	6.5	1.6	.3
No flush toilet	9,963	1,620	3,112	5,231	26.5	6.8	41.3	82.8
Number of rooms:								
1 room	610	475	85	50	1.6	2.0	1.1	0.8
2 rooms	2,330	1,533	476	321	6.2	6.5	6.3	5.1
3 rooms	5,416	3,691	931	794	14.4	15.5	12.4	12.6
4 rooms	7,402	4,655	1,409	1,338	19.7	19.6	18.7	21.2
5 rooms	8,815	5,765	1,808	1,242	23.4	24.3	24.0	19.7
6 rooms	6,976	4,495	1,393	1,088	18.6	18.9	18.5	17.2
7 rooms	2,968	1,664	735	569	7.9	7.0	9.8	9.0
8 or more rooms	3,083	1,470	696	917	8.2	6.2	9.2	14.5
Median number of rooms	4.85	4.76	4.98	5.03	-------	-------	-------	-------
Size of household:								
1 person	3,481	2,372	786	323	9.3	10.0	10.4	5.1
2 persons	10,529	7,076	1,968	1,485	28.0	29.8	26.1	23.5
3 persons	8,597	5,747	1,583	1,267	22.9	24.2	21.0	20.1
4 persons	6,817	4,279	1,414	1,124	18.1	18.0	18.8	17.8
5 persons	3,968	2,368	830	770	10.6	10.0	11.0	12.2
6 persons	2,044	1,064	458	522	5.4	4.5	6.1	8.3
7 persons	1,018	415	257	346	2.7	1.7	3.4	5.5
8 or more persons	1,146	427	237	482	3.0	1.8	3.1	7.6
Median number of persons	3.06	2.92	3.14	3.58	-------	-------	-------	-------
Central heating:								
With central heating	18,188	14,536	2,679	973	48.4	61.2	35.6	15.4
Without central heating	19,412	9,212	4,854	5,346	51.6	38.8	64.4	84.6
Electric lighting:								
With electric lighting	33,356	23,238	6,805	3,313	88.7	97.9	90.3	52.4
Without electric lighting	4,244	510	728	3,006	11.3	2.1	9.7	47.6
Installed cooking facilities:								
With installed cooking facilities	35,878	22,842	7,180	5,856	95.4	96.2	95.3	92.7
No installed cooking facilities	1,722	906	353	463	4.6	3.8	4.7	7.3
Radio:								
With radio	33,998	22,416	6,741	4,841	90.4	94.4	89.5	76.6
No radio	3,602	1,332	792	1,478	9.6	5.6	10.5	23.4

Source: Department of Commerce, Bureau of the Census; Housing Series H-46, No. 1, Characteristics of Occupied Dwelling Units for the U. S., November 1945.

No. 913.—Dwelling Units, Urban and Rural, by Type of Structure, Number of Rooms, and Facilities: 1940

Subject	Number				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
Type of structure:								
All dwelling units	37,325,470	21,616,352	8,066,837	7,642,281	100.0	100.0	100.0	100.0
1-family detached	23,730,637	9,684,186	6,710,134	7,336,317	63.6	44.8	83.2	96.0
1-family attached	1,178,318	974,546	141,981	61,791	3.2	4.5	1.8	.8
2-family side-by-side	1,656,858	1,215,558	355,024	86,276	4.4	5.6	4.4	1.1
2-family other	3,464,282	3,011,204	352,114	100,964	9.3	13.9	4.4	1.3
3-family	1,384,644	1,271,559	101,373	11,712	3.7	5.9	1.3	.2
4-family	874,732	824,024	47,544	3,164	2.3	3.8	.6	(1)
1- to 4-family business	940,726	713,048	212,227	15,451	2.5	3.3	2.6	.2
5- to 9-family	1,492,145	1,437,293	51,043	3,809	4.0	6.6	.6	(1)
10- to 19-family	854,266	836,946	15,614	1,706	2.3	3.9	.2	(1)
20-family or more	1,581,887	1,571,186	9,901	800	4.2	7.3	.1	(1)
Other dwelling place	166,975	76,802	69,882	20,291	.4	.4	.9	.3
Conversion:								
Number reporting	36,610,744	21,176,969	7,916,203	7,517,572	100.0	100.0	100.0	100.0
In nonconverted structures	33,207,629	18,591,550	7,325,671	7,290,408	90.7	87.8	92.5	97.0
In converted structures	3,403,115	2,585,419	590,532	227,164	9.3	12.2	7.5	3.0
Converted to different number of units	2,940,377	2,352,425	410,885	177,067	8.0	11.1	5.2	2.4
Converted from nonresidential	462,738	232,994	179,647	50,097	1.3	1.1	2.3	.7
Year built:								
Number reporting	34,664,339	19,747,848	7,582,641	7,333,850	100.0	100.0	100.0	100.0
1935 to 1940	3,190,264	1,215,295	1,256,282	718,687	9.2	6.2	16.6	9.8
1930 to 1934	2,337,832	977,927	788,711	571,194	6.7	5.0	10.4	7.8
1925 to 1929	4,554,531	3,032,741	954,618	567,172	13.1	15.4	12.6	7.7
1920 to 1924	3,960,733	2,455,596	809,960	695,177	11.4	12.4	10.7	9.5
1910 to 1919	6,445,480	3,784,521	1,224,220	1,436,739	18.6	19.2	16.1	19.6
1900 to 1909	6,116,557	3,731,590	1,064,594	1,320,373	17.6	18.9	14.0	18.0
1890 to 1899	3,563,847	2,221,775	581,755	760,317	10.3	11.3	7.7	10.4
1880 to 1889	1,952,257	1,149,558	341,977	460,722	5.6	5.8	4.5	6.3
1860 to 1879	1,535,297	801,704	304,768	428,825	4.4	4.1	4.0	5.8
1859 or earlier	1,007,541	377,141	255,756	374,644	2.9	1.9	3.4	5.1
Not reporting year built	2,661,131	1,868,504	484,196	308,431	------	------	------	------
Median age (years) [2]	25.4	26.1	20.2	28.1	------	------	------	------
State of repair and plumbing equipment:								
Number reporting	35,026,442	20,063,571	7,659,437	7,303,434	100.0	100.0	100.0	100.0
Not needing major repairs	28,612,715	17,764,681	6,022,946	4,825,088	81.7	88.5	78.6	66.1
With private bath and private flush toilet	17,793,341	14,327,960	2,767,351	698,030	50.8	71.4	36.1	9.6
With private flush toilet, no private bath	1,165,654	912,687	221,326	31,641	3.3	4.5	2.9	.4
With running water, no private flush toilet	2,814,261	1,688,425	755,804	370,032	8.0	8.4	9.9	5.1
No running water in dwelling unit	6,839,459	835,609	2,278,465	3,725,385	19.5	4.2	29.7	51.0
Needing major repairs	6,413,727	2,298,890	1,636,491	2,478,346	18.3	11.5	21.4	33.9
With private bath and private flush toilet	1,381,003	1,061,711	242,804	76,488	3.9	5.3	3.2	1.0
With private flush toilet, no private bath	336,125	283,157	46,659	6,309	1.0	1.4	.6	.1
With running water, no private flush toilet	811,910	473,416	229,159	109,335	2.3	2.4	3.0	1.5
No running water in dwelling unit	3,884,689	480,606	1,117,869	2,286,214	11.1	2.4	14.6	31.3
Not reporting repair or plumbing	2,299,028	1,552,781	407,400	338,847	------	------	------	------
Number of rooms:								
Number reporting	36,832,186	21,339,428	7,951,314	7,541,444	100.0	100.0	100.0	100.0
1 room	1,307,344	760,796	341,918	204,630	3.5	3.6	4.3	2.7
2 rooms	3,215,423	1,710,499	793,055	711,869	8.7	8.0	10.0	9.4
3 rooms	5,331,572	3,104,302	1,107,032	1,120,238	14.5	14.5	13.9	14.9
4 rooms	6,891,990	3,815,290	1,568,730	1,507,970	18.7	17.9	19.7	20.0
5 rooms	7,302,053	4,648,797	1,503,556	1,149,700	19.8	21.8	18.9	15.2
6 rooms	6,321,630	4,001,856	1,252,022	1,067,752	17.2	18.8	15.7	14.2
7 rooms	2,868,719	1,559,344	632,364	677,011	7.8	7.3	8.0	9.0
8 rooms	1,886,121	916,878	406,534	562,709	5.1	4.3	5.1	7.5
9 rooms	737,986	349,386	151,055	237,545	2.0	1.6	1.9	3.1
10 rooms	481,339	228,027	97,582	155,730	1.3	1.1	1.2	2.1
11 rooms or more	488,009	244,253	97,466	146,290	1.3	1.1	1.2	1.9
Median number of rooms [2]	4.73	4.78	4.61	4.70	------	------	------	------
Lighting equipment:								
Number reporting	36,746,761	21,283,388	7,950,577	7,512,796	100.0	100.0	100.0	100.0
Electric	28,915,486	20,379,352	6,185,089	2,351,045	78.7	95.8	77.8	31.3
Gas	207,922	54,088	54,422	99,412	.6	.3	.7	1.3
Kerosene or gasoline	7,409,732	814,645	1,658,679	4,936,408	20.2	3.8	20.9	65.7
Other	213,621	35,303	52,387	125,931	.6	.2	.7	1.7

[1] Less than one-tenth of 1 percent. [2] For definition of median, see headnote, table 908.

Source: Department of Commerce, Bureau of the Census, Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 914.—Dwelling Units, Occupied Urban and Rural, by Persons Per Room, Facilities and Equipment, and Mortgage Status: 1940

Subject	Number: Total	Number: Urban	Number: Rural-nonfarm	Number: Rural-farm	Percent distribution: Total	Percent distribution: Urban	Percent distribution: Rural-nonfarm	Percent distribution: Rural-farm
All occupied dwelling units	34,854,532	20,596,500	7,151,473	7,106,559	------	------	------	------
Persons per room:								
Number reporting	34,447,032	20,364,383	7,064,895	7,017,254	100.0	100.0	100.0	100.0
0.50 or less	10,846,471	6,396,768	2,387,838	2,061,865	31.5	31.4	33.8	29.4
0.51 to 0.75	8,063,070	5,235,872	1,478,639	1,348,559	23.4	25.7	20.9	19.2
0.76 to 1.00	8,572,597	5,502,614	1,595,885	1,474,098	24.9	27.0	22.6	21.0
1.01 to 1.50	3,878,972	2,058,996	815,678	1,004,298	11.3	10.1	11.5	14.3
1.51 to 2.00	1,951,904	846,888	468,075	636,941	5.7	4.2	6.6	9.1
2.01 or more	1,134,018	323,745	318,780	491,493	3.3	1.6	4.5	7.0
Radio:								
Number reporting	33,890,506	20,010,014	6,969,455	6,911,037	100.0	100.0	100.0	100.0
With radio	28,048,219	18,386,121	5,502,730	4,159,368	82.8	91.9	79.0	60.2
No radio	5,842,287	1,623,893	1,466,725	2,751,669	17.2	8.1	21.0	39.8
Refrigeration equipment:								
Number reporting	34,205,414	20,253,009	7,016,193	6,936,212	100.0	100.0	100.0	100.0
Mechanical	15,093,346	11,339,901	2,718,532	1,034,913	44.1	56.0	38.7	14.9
Ice	9,253,063	6,395,522	1,613,169	1,244,372	27.1	31.6	23.0	17.9
Other	494,421	113,870	105,110	275,441	1.4	.6	1.5	4.0
None	9,364,584	2,403,716	2,579,382	4,381,486	27.4	11.9	36.8	63.2
Cooking fuel:								
Number reporting	34,342,311	20,290,588	7,050,578	7,001,145	100.0	100.0	100.0	100.0
Coal or coke	3,961,550	1,627,369	1,348,298	985,883	11.5	8.0	19.1	14.1
Wood	8,101,610	1,221,118	2,013,147	4,867,345	23.6	6.0	28.6	69.5
Gas	16,776,077	14,818,814	1,691,570	265,693	48.8	73.0	24.0	3.8
Electricity	1,837,503	1,038,295	613,189	186,019	5.4	5.1	8.7	2.7
Kerosene or gasoline	3,343,936	1,399,900	1,314,246	629,790	9.7	6.9	18.6	9.0
Other	178,728	82,469	39,276	56,983	.5	.4	.6	.8
None	142,907	102,623	30,852	9,432	.4	.5	.4	.1
Heating equipment:								
Number reporting	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating	14,346,835	11,749,595	1,893,194	704,046	42.0	58.2	27.0	10.1
Steam or hot water system	7,427,754	6,619,331	669,217	139,206	21.8	32.8	9.6	2.0
Piped warm air system	5,725,394	4,472,616	878,064	374,714	16.8	22.2	12.5	5.4
Pipeless warm air furnace	1,193,687	657,648	345,913	190,126	3.5	3.3	4.9	2.7
Without central heating	19,802,230	8,440,708	5,110,981	6,250,541	58.0	41.8	73.0	89.9
Heating stove	15,928,323	7,081,478	4,286,929	4,559,916	46.6	35.1	61.2	65.6
Other or none	3,873,907	1,359,230	824,052	1,690,625	11.3	6.7	11.8	24.3
Heating fuel by central heating:								
Reporting heating equipment	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating:								
Coal or coke	10,903,163	8,971,473	1,442,536	489,154	31.9	44.4	20.6	7.0
Wood	373,322	119,544	82,665	171,113	1.1	.6	1.2	2.5
Gas	1,109,587	983,683	114,239	11,665	3.2	4.9	1.6	.2
Fuel oil	1,687,737	1,428,188	231,755	27,794	4.9	7.1	3.3	.4
Other	78,215	66,083	9,621	2,511	.2	.3	.1	(1)
Not reporting fuel	194,811	180,624	12,378	1,809	.6	.9	.2	(1)
Without central heating:								
Coal or coke	7,622,427	3,850,639	2,288,734	1,483,054	22.3	19.1	32.7	21.3
Wood	7,362,155	1,063,340	1,837,154	4,461,661	21.6	5.3	26.2	64.2
Gas	2,728,381	2,139,792	484,962	103,627	8.0	10.6	6.9	1.5
Fuel oil	1,220,243	830,740	286,691	102,812	3.6	4.1	4.1	1.5
Kerosene or gasoline	486,479	333,629	107,788	45,062	1.4	1.7	1.5	.6
Other	50,022	27,617	12,405	10,000	.1	.1	.2	.1
None	262,648	161,466	71,196	29,986	.8	.8	1.0	.4
Not reporting fuel	69,875	33,485	22,051	14,339	.2	.2	.3	.2
Mortgage status:								
Owner-occupied nonfarm units	11,413,036	7,714,960	3,698,076	------	------	------	------	------
Reporting mortgage status [2]	10,611,259	7,275,576	3,335,683	------	100.0	100.0	100.0	------
Mortgaged	4,804,778	3,682,839	1,121,939	------	45.3	50.6	33.6	------
Free of mortgage	5,806,481	3,592,737	2,213,744	------	54.7	49.4	66.4	------
Inclusion of furniture in rent:								
Tenant-occupied nonfarm units	16,334,937	12,881,540	3,453,397	------	------	------	------	------
Number reporting	14,680,168	11,784,595	2,895,573	------	100.0	100.0	100.0	------
Furniture included in contract rent	1,850,901	1,634,304	216,597	------	12.6	13.9	7.5	------
Furniture not included	12,829,267	10,150,291	2,678,976	------	87.4	86.1	92.5	------

[1] Less than one-tenth of 1 percent.
[2] Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 915.—Dwelling Units, Rural-Farm, by Lighting Equipment, Water Supply, and Toilet Facilities, by States: 1940

Note.—Figures exclude units for which specified items were not reported. For total number of rural-farm dwelling units, see table 902

Division and state	Lighting equipment			Water supply			Toilet facilities			
	Number reporting	With electric lights		Number reporting	With running water in unit		Number reporting	Private flush toilet in structure	Other toilet or privy	No toilet or privy
		Number	Percent		Number	Percent				
United States	7,512,796	2,351,045	31.3	7,547,321	1,340,025	17.8	7,525,221	842,507	5,985,165	697,549
New England	146,687	94,101	64.2	147,077	84,548	57.5	146,083	56,706	86,851	2,526
Maine	44,666	22,919	51.3	44,758	14,940	33.4	44,505	8,670	34,763	1,072
N. Hampshire	18,844	11,911	63.2	18,889	10,836	57.4	18,725	6,950	11,529	246
Vermont	28,268	14,947	52.9	28,316	20,645	72.9	28,191	11,201	16,560	430
Massachusetts	25,744	20,965	81.4	25,829	18,460	71.5	25,536	14,347	10,886	303
Rhode Island	2,884	2,240	77.7	2,894	1,657	57.3	2,885	1,237	1,600	48
Connecticut	26,281	21,119	80.4	26,391	18,010	68.2	26,241	14,301	11,513	427
Middle Atlantic	455,424	291,169	63.9	456,813	193,963	42.5	454,232	128,593	318,007	7,632
New York	202,512	137,417	67.9	203,048	89,501	44.1	201,750	63,772	134,953	3,025
New Jersey	35,468	28,471	80.3	35,555	21,802	61.3	35,373	16,471	18,318	584
Pennsylvania	217,444	125,281	57.6	218,210	82,660	37.9	217,109	48,350	164,736	4,023
E. N. Central	1,199,311	636,474	53.1	1,203,251	252,089	21.0	1,199,101	168,407	1,002,798	27,896
Ohio	277,171	164,469	59.3	278,067	64,409	23.2	277,000	46,235	224,779	5,986
Indiana	219,527	108,000	49.2	220,217	39,524	17.9	219,544	26,106	188,302	5,136
Illinois	255,734	98,525	38.5	256,700	41,425	16.1	255,781	32,919	216,268	6,594
Michigan	234,260	160,622	68.6	235,037	66,173	28.2	234,179	38,857	190,494	4,828
Wisconsin	212,619	104,858	49.3	213,230	40,558	19.0	212,597	24,290	182,955	5,352
W. N. Central	1,219,528	317,221	26.0	1,226,955	168,140	13.7	1,223,466	105,730	1,065,076	52,660
Minnesota	215,366	64,273	29.8	216,121	26,404	12.2	215,466	16,858	192,144	6,464
Iowa	233,322	92,166	39.5	234,430	50,472	21.5	233,421	34,503	192,446	6,472
Missouri	306,332	48,807	15.9	307,682	19,275	6.3	307,001	13,988	271,546	21,467
North Dakota	76,864	11,944	15.5	77,603	4,661	6.0	77,424	2,254	71,396	3,774
South Dakota	79,417	14,184	17.9	80,185	9,445	11.8	80,043	3,879	72,322	3,842
Nebraska	137,353	39,201	28.5	138,287	30,791	22.3	137,930	17,039	115,778	5,113
Kansas	170,874	46,646	27.3	172,647	27,092	15.7	172,181	17,209	149,444	5,528
South Atlantic	1,332,609	290,436	21.8	1,338,571	124,727	9.3	1,334,959	83,366	1,053,404	198,189
Delaware	12,203	5,005	41.0	12,261	3,079	25.1	12,197	2,156	9,746	295
Maryland	58,008	24,719	42.6	58,276	17,482	30.0	57,952	12,557	42,900	2,495
Virginia	219,632	51,981	23.7	220,586	27,112	12.3	219,992	18,961	174,331	26,700
W. Virginia	114,279	28,186	24.7	114,659	12,207	10.6	114,370	6,945	102,186	5,239
N. Carolina	340,769	79,881	23.4	342,394	23,516	6.9	341,292	14,017	252,793	74,482
S. Carolina	196,519	32,731	16.7	197,171	10,514	5.3	196,883	7,549	150,403	38,931
Georgia	313,706	50,502	16.1	315,426	15,823	5.0	314,784	9,696	263,164	41,924
Florida	77,493	17,431	22.5	77,798	14,994	19.3	77,489	11,485	57,881	8,123
E. S. Central	1,217,975	155,355	12.8	1,223,293	50,836	4.2	1,220,717	33,407	944,283	243,027
Kentucky	289,392	43,349	15.0	290,394	12,240	4.2	289,848	8,630	239,585	41,633
Tennessee	296,323	45,248	15.3	297,383	17,382	5.8	296,581	10,606	229,029	56,946
Alabama	304,167	38,869	12.8	305,762	10,532	3.4	305,158	6,652	219,944	78,562
Mississippi	328,093	27,889	8.5	329,754	10,682	3.2	329,130	7,519	255,725	65,886
W. S. Central	1,266,005	178,446	14.1	1,272,798	149,650	11.8	1,270,213	64,754	1,074,480	130,979
Arkansas	271,786	21,669	8.0	273,215	7,437	2.7	272,704	4,601	230,465	37,638
Louisiana	201,471	19,735	9.8	202,174	11,940	5.9	201,805	7,827	176,535	17,443
Oklahoma	226,908	32,719	14.4	228,357	18,196	8.0	228,237	10,110	189,084	29,043
Texas	565,840	104,323	18.4	569,052	112,077	19.7	567,467	42,216	478,396	46,855
Mountain	305,191	114,805	37.6	306,983	71,786	23.4	306,292	40,652	238,345	27,295
Montana	53,157	14,783	27.8	53,382	7,824	14.7	53,283	4,423	46,636	2,224
Idaho	53,031	31,487	59.4	53,252	16,662	31.3	53,120	8,842	42,526	1,752
Wyoming	21,970	6,818	31.0	22,064	3,545	16.1	22,009	2,191	18,665	1,153
Colorado	73,879	25,595	34.6	74,545	15,902	21.3	74,357	8,467	63,199	2,691
New Mexico	44,967	7,870	17.5	45,308	6,258	13.8	45,208	3,577	34,462	7,169
Arizona	31,506	9,524	30.2	31,704	8,440	26.6	31,642	5,399	15,130	11,113
Utah	22,020	16,408	74.5	22,063	11,145	50.5	22,035	6,548	14,453	1,034
Nevada	4,661	2,320	49.8	4,665	2,010	43.1	4,638	1,205	3,274	159
Pacific	370,066	273,038	73.8	371,580	244,286	65.7	370,158	160,892	201,921	7,345
Washington	101,058	71,681	70.9	101,425	56,375	55.6	101,098	33,854	64,776	2,468
Oregon	79,717	47,566	59.7	80,026	40,660	50.8	79,760	23,276	54,664	1,820
California	189,291	153,791	81.2	190,129	147,251	77.4	189,300	103,762	82,481	3,057

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vols. I and II, Part 1.

No. 916.—Dwelling Units, Urban and Rural, With Private Bathtub or Shower in Structure, by States: 1940

Note.—Figures exclude units for which bathing equipment was not reported. For total number of dwelling units, see table 902

Division and State	Reporting bathing equipment	Dwelling units with private bathtub or shower in structure							
		Total		Urban		Rural-nonfarm		Rural-farm	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	**36, 649, 481**	**20, 606, 386**	**56. 2**	**16, 505, 350**	**77. 5**	**3, 220, 249**	**40. 8**	**880, 787**	**11. 8**
New England	**2, 396, 209**	**1, 818, 504**	**75. 9**	**1, 466, 194**	**84. 4**	**299, 667**	**58. 3**	**52, 643**	**36. 2**
Maine	254, 142	117, 203	46. 1	63, 958	68. 5	45, 564	39. 0	7, 681	17. 4
New Hampshire	154, 367	95, 254	61. 7	60, 747	77. 5	28, 061	49. 0	6, 446	34. 5
Vermont	104, 985	62, 299	59. 3	28, 689	85. 9	23, 656	54. 5	9, 954	35. 3
Massachusetts	1, 200, 588	997, 043	83. 0	899, 080	86. 3	84, 425	63. 6	13, 538	53. 1
Rhode Island	202, 003	154, 227	76. 3	142, 518	79. 2	10, 555	55. 1	1, 154	40. 1
Connecticut	480, 124	392, 478	81. 7	271, 202	87. 6	107, 406	74. 4	13, 870	53. 0
Middle Atlantic	**7, 736, 615**	**5, 960, 678**	**77. 0**	**5, 079, 253**	**86. 1**	**756, 968**	**54. 8**	**124, 457**	**27. 4**
New York	3, 952, 462	3, 324, 428	84. 1	2, 918, 304	90. 8	345, 291	64. 5	60, 833	30. 1
New Jersey	1, 202, 220	985, 257	82. 0	818, 950	86. 6	150, 073	67. 7	16, 234	46. 0
Pennsylvania	2, 581, 933	1, 650, 993	63. 9	1, 341, 999	77. 1	261, 604	41. 9	47, 390	21. 9
East North Central	**7, 576, 107**	**4, 549, 543**	**60. 1**	**3, 874, 351**	**78. 2**	**506, 980**	**35. 5**	**167, 712**	**14. 1**
Ohio	1, 953, 836	1, 225, 344	62. 7	1, 045, 081	79. 3	134, 447	37. 3	45, 816	16. 6
Indiana	989, 150	461, 119	46. 6	367, 584	67. 1	67, 294	30. 1	26, 241	12. 0
Illinois	2, 249, 086	1, 454, 428	64. 7	1, 310, 533	78. 6	110, 104	33. 6	33, 791	13. 3
Michigan	1, 497, 488	946, 559	63. 2	786, 371	82. 9	122, 801	38. 9	37, 387	16. 0
Wisconsin	886, 547	462, 093	52. 1	365, 282	77. 3	72, 334	35. 8	24, 477	11. 5
West North Central	**3, 851, 671**	**1, 625, 220**	**42. 2**	**1, 218, 918**	**68. 8**	**294, 166**	**80, 4**	**112, 136**	**9. 2**
Minnesota	761, 117	353, 517	46. 4	287, 689	73. 7	49, 275	31. 4	16, 553	7. 7
Iowa	715, 068	307, 571	43. 0	208, 300	65. 8	63, 585	38. 3	35, 686	15. 4
Missouri	1, 121, 458	492, 930	44. 0	412, 133	68. 5	66, 421	30. 8	14, 376	4. 7
North Dakota	159, 516	33, 066	20. 7	21, 412	61. 9	9, 234	19. 1	2, 420	3. 2
South Dakota	176, 092	46, 587	26. 5	27, 683	62. 1	14, 737	28. 4	4, 167	5. 2
Nebraska	382, 348	168, 215	44. 0	109, 366	72. 1	39, 619	42. 4	19, 230	14. 0
Kansas	536, 072	223, 334	41. 7	152, 335	65. 8	51, 295	38. 4	19, 704	11. 5
South Atlantic	**4, 437, 337**	**1, 698, 228**	**38. 3**	**1, 225, 641**	**64. 8**	**389, 744**	**31. 6**	**82, 843**	**6. 3**
Delaware	74, 522	45, 330	60. 8	28, 997	76. 7	14, 204	57. 8	2, 129	17. 5
Maryland	488, 396	307, 141	62. 9	223, 234	76. 6	71, 494	51. 2	12, 413	21. 7
Dist. of Columbia	182, 284	150, 406	82. 5	150, 406	82. 5				
Virginia	645, 880	233, 422	36. 1	158, 373	63. 7	56, 191	31. 1	18, 858	8. 7
West Virginia	448, 257	160, 555	35. 8	107, 165	75. 6	46, 588	24. 0	6, 802	6 1
North Carolina	793, 748	195, 638	24. 6	125, 162	51. 9	56, 706	25. 8	13, 770	4. 1
South Carolina	449, 125	97, 490	21. 7	56, 036	44. 9	33, 969	26. 2	7, 485	3. 8
Georgia	776, 426	191, 036	24. 6	136, 934	47. 0	44, 229	25. 3	9, 873	3. 2
Florida	578, 699	317, 210	54. 8	239, 334	72. 2	66, 363	38. 9	11, 513	15. 0
East South Central	**2, 671, 630**	**598, 108**	**22. 4**	**439, 730**	**50. 4**	**124, 438**	**20. 9**	**33, 940**	**2. 8**
Kentucky	713, 651	194, 320	27. 2	147, 622	60. 4	38, 105	20. 8	8, 593	3. 0
Tennessee	726, 268	183, 169	25. 2	137, 549	49. 2	34, 804	22. 5	10, 816	3. 7
Alabama	689, 589	141, 716	20. 6	104, 778	46. 0	30, 161	18. 8	6, 777	2. 2
Mississippi	542, 122	78, 903	14. 6	49, 781	41. 3	21, 368	22. 1	7, 754	2. 4
West South Central	**3, 518, 383**	**1, 242, 691**	**35. 3**	**921, 307**	**61. 8**	**233, 423**	**30. 3**	**87, 961**	**7. 0**
Arkansas	506, 425	88, 485	17. 5	65, 077	51. 9	18, 369	16. 3	5, 039	1. 9
Louisiana	608, 534	209, 015	34. 3	162, 864	60. 7	37, 085	26. 5	9, 066	4. 5
Oklahoma	630, 443	217, 757	34. 5	169, 260	64. 2	36, 940	26. 0	11, 557	5. 1
Texas	1, 772, 981	727, 434	41. 0	524, 106	62. 9	141, 029	37. 5	62, 299	11. 1
Mountain	**1, 215, 807**	**546, 349**	**44. 9**	**368, 028**	**70. 1**	**134, 874**	**34. 9**	**43, 447**	**14. 3**
Montana	174, 722	66, 352	38. 0	44, 784	67. 5	16, 787	30. 4	4, 781	9. 0
Idaho	149, 948	59, 896	39. 9	35, 047	67. 6	15, 305	34. 0	9, 544	18. 0
Wyoming	75, 601	31, 641	41. 9	20, 407	71. 0	8, 968	35. 9	2, 266	10. 3
Colorado	347, 985	166, 795	47. 9	126, 371	70. 3	31, 284	33. 1	9, 140	12. 4
New Mexico	142, 026	40, 449	28. 5	26, 875	55. 7	9, 706	19. 9	3, 868	8. 6
Arizona	144, 054	70, 070	48. 6	36, 840	70. 9	27, 383	45. 2	5, 847	18. 6
Utah	145, 773	90, 328	62. 0	66, 657	78. 9	17, 018	43. 3	6, 653	30. 3
Nevada	35, 698	20, 818	58. 3	11, 047	82. 1	8, 423	47. 7	1, 348	29. 3
Pacific	**3, 245, 722**	**2, 567, 065**	**79. 1**	**1, 911, 428**	**88. 7**	**479, 989**	**66. 4**	**175, 648**	**47. 7**
Washington	580, 424	382, 882	66. 0	267, 184	81. 1	88, 972	54. 7	36, 726	36. 4
Oregon	363, 390	230, 583	63. 5	150, 126	82. 9	53, 830	52. 4	26, 627	33. 5
California	2, 301, 908	1, 953, 600	84. 9	1, 504, 118	90. 8	337, 187	73. 7	112, 295	59. 8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 917.—Dwelling Units, Urban and Rural, by Median Number of Rooms, Radio, and Mortgage Status of Owner-Occupied Nonfarm Units, by States: 1940

Division and State	Median number of rooms[1]				Radio			Mortgage status[2]		
	All dwelling units	Urban	Rural-nonfarm	Rural-farm	Occupied units reporting	With radio		Owner-occupied nonfarm units reporting	Mortgaged	
						Number	Percent		Number	Percent
United States	4.73	4.78	4.61	4.70	33,890,506	28,048,219	82.8	10,611,259	4,804,778	45.3
New England	5.38	5.23	5.67	7.09	2,140,980	2,020,238	94.4	760,509	437,967	57.6
Maine	5.68	5.49	5.46	6.85	213,204	184,348	86.5	82,833	24,935	30.1
New Hampshire	5.63	5.35	5.62	7.26	129,758	116,809	90.0	50,669	20,703	40.9
Vermont	6.27	5.66	6.08	7.67	90,569	80,253	88.6	29,625	11,931	40.3
Massachusetts	5.37	5.31	5.71	6.89	1,086,623	1,044,830	96.2	380,030	238,860	62.9
Rhode Island	5.18	5.13	5.68	7.10	184,661	176,739	95.7	64,316	37,764	58.7
Connecticut	5.18	4.94	5.68	6.93	436,165	417,259	95.7	153,036	103,774	67.8
Middle Atlantic	5.21	4.96	5.64	7.17	7,065,910	6,672,007	94.4	2,234,904	1,162,623	52.0
New York	4.80	4.49	5.81	7.69	3,544,098	3,385,620	95.5	909,145	565,045	62.2
New Jersey	5.27	5.17	5.53	6.57	1,068,709	1,020,466	95.5	383,899	212,979	55.5
Pennsylvania	5.72	5.68	5.57	6.82	2,453,103	2,265,921	92.4	941,860	384,599	40.8
East North Central	5.18	5.03	5.04	6.26	7,099,845	6,513,457	91.7	2,645,649	1,250,981	47.3
Ohio	5.44	5.26	5.34	6.53	1,852,318	1,697,672	91.7	731,918	363,523	49.7
Indiana	5.08	4.92	4.87	5.90	937,048	826,604	88.2	348,916	163,899	47.0
Illinois	4.83	4.71	4.83	5.96	2,139,025	1,974,604	92.3	704,885	314,298	44.6
Michigan	5.34	5.25	5.08	6.40	1,361,021	1,271,499	93.4	574,590	284,829	49.6
Wisconsin	5.39	5.21	5.04	6.56	810,433	743,078	91.7	285,340	124,432	43.6
West North Central	4.93	4.67	4.80	5.58	3,594,241	3,074,918	85.6	1,119,251	424,945	38.0
Minnesota	5.03	4.84	4.65	5.86	709,978	647,499	91.2	250,528	102,790	41.0
Iowa	5.67	5.08	5.58	6.64	683,964	617,006	90.2	232,424	77,369	33.3
Missouri	4.25	4.14	4.23	4.44	1,042,463	832,590	79.9	287,784	129,805	45.1
North Dakota	4.72	4.18	4.52	5.10	148,179	131,000	88.4	34,668	9,574	27.6
South Dakota	5.08	4.61	4.73	5.66	160,894	136,049	84.6	38,008	11,084	29.2
Nebraska	5.23	4.90	5.12	5.85	352,662	298,790	84.7	108,879	38,476	35.3
Kansas	5.00	4.78	4.84	5.57	496,101	411,984	83.0	166,960	55,847	33.4
South Atlantic	4.41	4.51	4.29	4.41	4,150,615	2,740,481	66.0	1,021,508	399,517	39.1
Delaware	5.79	5.76	5.68	6.20	68,870	59,921	87.0	24,869	12,646	50.9
Maryland	5.56	5.54	5.36	6.17	449,960	396,338	88.1	173,580	76,250	43.9
Dist. of Col.	4.29	4.29	------	------	169,102	158,377	93.7	50,151	32,511	64.8
Virginia	4.83	4.81	4.62	5.08	610,878	409,978	67.1	160,085	60,863	38.0
West Virginia	4.60	5.02	4.21	4.98	434,388	326,347	75.1	104,232	33,609	32.2
North Carolina	4.41	4.40	4.30	4.49	764,144	471,863	61.8	147,613	55,589	37.7
South Carolina	3.99	3.77	3.89	4.12	422,263	209,542	49.6	62,146	22,323	35.9
Georgia	3.85	3.69	3.82	3.95	726,999	381,668	52.5	125,431	46,134	36.8
Florida	4.19	4.39	3.87	4.13	504,011	326,447	64.8	173,401	59,592	34.4
East South Central	3.81	3.86	3.80	3.79	2,541,507	1,406,433	55.3	470,255	157,554	33.5
Kentucky	4.05	4.06	3.97	4.11	680,066	444,416	65.3	145,692	50,842	34.9
Tennessee	3.92	3.91	3.96	3.91	695,362	434,733	62.5	147,468	49,934	33.9
Alabama	3.65	3.71	3.58	3.66	650,710	321,671	49.4	108,717	36,892	33.9
Mississippi	3.55	3.44	3.48	3.60	515,369	205,613	39.9	68,388	19,886	29.1
West South Central	3.82	4.02	3.66	3.75	3,279,640	2,048,429	62.5	840,395	281,539	33.5
Arkansas	3.68	4.06	3.59	3.60	480,955	244,586	50.9	82,113	21,722	26.5
Louisiana	3.74	3.92	3.60	3.64	577,965	307,883	53.3	135,915	44,273	32.6
Oklahoma	3.88	4.22	3.69	3.71	589,919	405,754	68.8	158,410	58,552	37.0
Texas	3.88	3.99	3.69	3.89	1,630,801	1,090,206	66.9	463,957	156,992	33.8
Mountain	3.77	4.06	3.42	3.73	1,088,365	876,034	80.5	378,487	132,648	35.0
Montana	3.73	3.84	3.48	3.86	156,024	134,503	86.2	49,206	12,969	26.4
Idaho	3.91	4.00	3.50	4.15	137,521	118,824	86.4	45,271	15,077	33.3
Wyoming	3.65	3.86	3.47	3.59	67,687	57,126	84.4	20,819	8,306	39.9
Colorado	4.11	4.39	3.66	4.12	305,824	258,573	84.5	106,216	42,424	39.9
New Mexico	3.06	3.42	2.83	2.95	125,134	66,609	53.2	40,471	9,065	22.4
Arizona	3.19	3.81	3.09	1.93	127,250	87,781	69.0	42,093	15,020	35.7
Utah	4.13	4.27	3.90	4.09	136,747	126,418	92.4	63,347	26,764	42.2
Nevada	3.58	3.76	3.30	4.06	32,178	26,200	81.4	11,064	3,023	27.3
Pacific	4.37	4.48	4.03	4.61	2,929,403	2,696,222	92.0	1,140,301	557,004	48.8
Washington	4.33	4.42	4.00	4.70	521,777	472,553	90.6	223,314	98,275	44.0
Oregon	4.56	4.73	4.09	4.82	327,806	290,641	88.7	126,312	53,822	42.6
California	4.35	4.45	4.03	4.48	2,079,820	1,933,028	92.9	790,675	404,907	51.2

[1] For definition of median, see headnote, table 908.

[2] Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units; percent represents percent of reporting owner-occupied units which were mortgaged. For number of owner-occupied urban and rural-nonfarm units, see table 905.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

No. 918.—Dwelling Units, Occupied Urban and Rural, With 1.51 or More Persons Per Room, by States: 1940

Note.—Figures exclude units for which the number of persons per room was not reported. For total number of occupied units, see table 902.

Division and State	Reporting persons per room	Occupied units with 1.51 or more persons per room: Total		Urban		Rural-nonfarm		Rural-farm	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	34,447,032	3,085,922	9.0	1,170,633	5.7	786,855	11.1	1,128,434	16.1
New England	2,172,732	69,029	3.2	50,897	3.1	14,030	3.6	4,102	3.2
Maine	215,788	11,037	5.1	3,073	3.5	6,040	6.8	1,924	4.8
New Hampshire	131,287	4,297	3.3	2,112	2.8	1,757	4.3	428	2.7
Vermont	91,428	2,541	2.8	734	2.3	1,244	3.6	563	2.3
Massachusetts	1,105,354	29,787	2.7	27,121	2.7	2,100	2.3	566	2.4
Rhode Island	186,085	6,572	3.5	6,209	3.7	301	2.2	62	2.4
Connecticut	442,700	14,795	3.3	11,648	3.9	2,588	2.2	559	2.4
Middle Atlantic	7,193,719	272,010	3.8	209,270	3.7	50,779	4.3	11,961	2.8
New York	3,615,727	120,331	3.3	109,205	3.6	8,485	2.0	2,641	1.5
New Jersey	1,086,639	33,380	3.1	28,338	3.2	4,121	2.5	921	2.8
Pennsylvania	2,491,353	118,299	4.7	71,727	4.2	38,173	6.5	8,399	4.1
East North Central	7,206,077	342,022	4.7	202,097	4.2	80,380	6.4	59,545	5.2
Ohio	1,880,099	79,132	4.2	49,238	3.8	19,230	5.7	10,664	4.0
Indiana	950,905	53,083	5.6	26,260	4.9	14,695	7.2	12,128	5.8
Illinois	2,172,101	120,011	5.5	84,265	5.2	21,696	7.1	14,050	5.7
Michigan	1,383,109	56,676	4.1	29,309	3.2	16,089	6.4	11,278	5.2
Wisconsin	819,863	33,120	4.0	13,025	2.8	8,670	5.4	11,425	5.7
West North Central	3,646,054	277,654	7.6	109,984	6.5	67,961	8.4	99,709	8.7
Minnesota	720,426	48,333	6.7	18,697	4.9	11,257	8.4	18,379	8.9
Iowa	693,860	30,456	4.4	15,663	5.1	7,898	5.0	6,895	3.1
Missouri	1,056,293	111,419	10.5	46,570	8.2	22,956	11.3	41,893	14.6
North Dakota	150,007	20,409	13.6	3,942	11.8	5,949	12.8	10,518	15.0
South Dakota	162,950	15,739	9.7	3,513	8.2	5,305	10.9	6,921	9.7
Nebraska	357,331	21,519	6.0	8,857	6.1	6,080	6.9	6,582	5.3
Kansas	505,187	29,779	5.9	12,742	5.7	8,516	6.7	8,521	5.4
South Atlantic	4,224,547	619,727	14.7	169,292	9.4	181,471	15.6	268,964	21.4
Delaware	69,801	2,386	3.4	1,127	3.1	766	3.5	493	4.3
Maryland	459,377	20,891	4.5	9,773	3.5	7,264	5.9	3,854	7.1
Dist. of Columbia	170,860	14,579	8.5	14,579	8.5	------	------	------	------
Virginia	621,217	77,187	12.4	16,321	6.8	24,558	14.2	36,308	17.5
West Virginia	440,099	66,759	15.2	9,514	6.9	35,773	18.7	21,472	19.5
North Carolina	778,285	138,596	17.8	28,109	11.9	35,906	16.7	74,581	22.8
South Carolina	430,403	91,973	21.4	21,417	17.5	23,424	18.8	47,132	25.7
Georgia	741,877	143,466	19.3	44,264	15.5	28,988	17.2	70,214	24.4
Florida	512,628	63,890	12.5	24,188	8.3	24,792	16.5	14,910	20.7
East South Central	2,586,687	526,464	20.4	113,089	13.3	113,358	19.6	300,017	25.9
Kentucky	690,299	125,579	18.2	24,862	10.5	34,646	19.5	66,071	23.9
Tennessee	706,731	135,145	19.1	37,222	13.6	28,782	19.1	69,141	24.4
Alabama	664,342	151,995	22.9	33,987	15.1	33,470	21.6	84,538	29.7
Mississippi	525,315	113,745	21.7	17,018	14.4	16,460	17.5	80,267	25.6
West South Central	3,338,541	623,050	18.7	195,426	13.7	144,407	19.6	283,217	24.2
Arkansas	489,654	101,391	20.7	14,171	11.6	20,985	19.1	66,235	25.7
Louisiana	586,762	110,154	18.8	34,304	13.1	26,121	19.3	49,729	26.1
Oklahoma	601,338	114,233	19.0	28,489	11.4	27,929	20.3	57,815	27.1
Texas	1,660,787	297,272	17.9	118,462	14.9	69,372	19.5	109,438	21.4
Mountain	1,103,642	190,643	17.3	51,519	10.3	73,190	21.6	65,934	24.9
Montana	157,317	20,974	13.3	5,157	8.2	7,887	16.1	7,930	17.4
Idaho	139,296	22,787	16.4	5,790	11.7	7,883	19.4	9,114	18.6
Wyoming	68,434	10,280	15.0	2,533	9.4	3,760	16.7	3,987	21.1
Colorado	311,232	37,024	11.9	13,183	7.7	13,455	17.5	10,386	16.7
New Mexico	127,186	41,882	32.9	10,340	22.5	15,596	36.8	15,946	41.0
Arizona	129,315	35,154	27.2	6,665	13.8	15,484	28.2	13,005	50.0
Utah	138,330	18,559	13.4	6,909	8.5	6,761	18.4	4,889	23.9
Nevada	32,532	3,983	12.2	942	7.3	2,364	15.3	677	16.5
Pacific	2,975,033	165,323	5.6	69,059	3.4	61,279	9.9	34,985	10.4
Washington	529,562	27,939	5.3	9,009	3.0	11,085	7.9	7,845	8.5
Oregon	332,483	19,375	5.8	5,116	3.0	8,407	9.2	5,852	8.2
California	2,112,988	118,009	5.6	54,934	3.5	41,787	10.7	21,288	12.3

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vols. I and II, Part 1.

No. 919.—Characteristics of Housing, for Cities of 100,000 or More Inhabitants: 1940

City	All dwelling units	Median contract or estimated monthly rent[1]	Bathing equipment: Number reporting	Bathing equipment: With private bathtub or shower in structure: Number	Bathing equipment: With private bathtub or shower in structure: Percent	All occupied units	Owner occupied: Number	Owner occupied: Percent	Occupied by nonwhite: Number	Occupied by nonwhite: Percent
Akron, Ohio	67,898	$26.43	67,215	54,949	81.8	66,501	32,489	48.9	2,944	4.4
Albany, N. Y.	40,448	33.48	39,991	32,283	80.7	37,976	11,787	31.0	919	2.4
Atlanta, Ga.	84,764	18.61	83,714	48,249	57.6	82,000	20,769	25.3	28,342	34.6
Baltimore, Md.	236,442	27.06	232,102	181,678	78.3	227,582	92,960	40.8	39,195	17.2
Birmingham, Ala.	73,681	15.37	72,381	38,107	52.6	71,798	21,324	29.7	29,477	41.1
Boston, Mass.	211,514	29.91	208,310	176,418	84.7	197,393	41,236	20.9	7,806	4.0
Bridgeport, Conn.	40,233	26.54	39,671	32,646	82.3	39,336	10,711	27.2	1,030	2.6
Buffalo, N. Y.	157,780	27.90	156,083	134,930	86.4	151,937	48,871	32.2	4,844	3.2
Cambridge, Mass.	30,174	30.28	29,403	24,675	83.9	28,717	5,485	19.1	1,328	4.6
Camden, N. J.	31,440	23.68	31,042	25,188	81.1	30,478	11,354	37.3	3,189	10.5
Canton, Ohio	29,929	28.77	29,630	24,933	84.1	29,466	14,141	48.0	1,075	3.6
Charlotte, N. C.	25,402	22.12	24,924	15,137	60.7	24,966	6,854	27.5	7,681	30.8
Chattanooga, Tenn.	34,372	15.83	34,013	19,279	56.7	33,471	9,204	27.5	9,554	28.5
Chicago, Ill.	989,503	32.56	980,138	813,264	83.0	949,744	230,975	24.3	76,265	8.0
Cincinnati, Ohio	144,284	25.92	142,619	93,852	65.8	135,809	45,127	33.2	16,932	12.5
Cleveland, Ohio	249,896	27.86	248,692	214,849	86.4	242,267	80,540	33.2	21,998	9.1
Columbus, Ohio	86,752	28.27	85,032	71,602	84.2	83,597	30,950	37.0	8,490	10.2
Dallas, Tex.	89,512	23.69	88,473	64,602	73.0	84,091	29,354	34.9	13,840	16.5
Dayton, Ohio	60,962	29.37	60,151	43,794	72.8	59,740	24,053	40.3	5,190	8.7
Denver, Colo.	101,143	26.74	99,027	73,571	74.3	96,777	37,186	38.4	2,846	2.9
Des Moines, Iowa	48,287	26.62	47,170	32,177	68.2	46,629	23,011	49.3	1,803	3.9
Detroit, Mich.	441,454	34.65	437,062	392,680	89.8	425,547	166,933	39.2	34,872	8.2
Duluth, Minn.	28,818	25.60	28,594	21,451	75.0	27,819	13,422	48.2	134	.5
Elizabeth, N. J.	29,341	32.32	28,923	24,588	85.0	27,980	8,993	32.1	1,181	4.2
Erie, Pa.	31,461	24.72	31,086	26,404	84.9	30,721	11,897	38.7	402	1.3
Fall River, Mass.	30,208	17.55	29,769	20,649	69.4	29,799	6,234	20.9	203	.7
Flint, Mich.	41,728	28.31	41,407	31,568	76.2	40,567	21,348	52.6	1,653	4.1
Fort Wayne, Ind.	33,852	29.63	33,412	26,779	80.1	32,998	17,484	53.0	702	2.1
Forth Worth, Tex.	54,483	19.40	53,621	36,996	69.0	51,620	21,964	42.5	7,709	14.9
Gary, Ind.	30,520	30.02	30,204	22,486	74.4	30,005	10,615	35.4	5,285	17.6
Grand Rapids, Mich.	49,154	23.94	48,477	40,891	84.4	47,523	23,100	48.6	813	1.7
Hartford, Conn.	45,102	32.75	44,044	40,077	91.0	44,253	7,696	17.4	1,868	4.2
Houston, Tex.	113,326	25.31	110,953	83,168	75.0	107,530	36,354	33.8	24,434	22.7
Indianapolis, Ind.	116,598	25.49	114,875	79,902	69.6	112,231	40,796	36.4	14,482	12.9
Jacksonville, Fla.	46,955	18.79	46,285	30,899	66.8	45,377	14,012	30.9	15,347	33.8
Jersey City, N. J.	84,797	30.39	83,687	68,678	82.1	79,684	14,593	18.3	3,479	4.4
Kansas City, Kans.	35,203	17.10	34,633	19,459	56.2	34,068	16,920	49.7	6,275	18.4
Kansas City, Mo.	133,157	24.55	130,757	99,213	75.9	122,103	37,761	30.9	13,289	10.9
Knoxville, Tenn.	29,572	16.78	29,387	16,250	55.3	28,601	9,977	34.9	4,119	14.4
Long Beach, Calif.	65,137	29.06	64,084	60,649	94.6	58,385	18,520	31.7	499	.9
Los Angeles, Calif.	529,251	30.37	522,994	475,602	90.9	493,087	166,094	33.7	27,465	5.6
Louisville, Ky.	94,189	20.09	93,242	59,512	63.8	89,955	32,226	35.8	14,623	16.3
Lowell, Mass.	25,579	21.11	25,022	19,797	79.1	24,932	7,387	29.6	60	.2
Memphis, Tenn.	83,246	16.31	81,599	40,224	49.3	81,081	24,793	30.6	34,870	43.0
Miami, Fla.	55,271	28.50	53,896	45,237	83.9	48,483	18,321	37.8	8,206	17.1
Milwaukee, Wis.	169,865	32.31	168,661	136,219	80.8	164,335	52,917	32.2	2,650	1.6
Minneapolis, Minn.	147,647	31.99	146,059	118,194	80.9	142,834	58,764	41.1	1,796	1.3
Nashville, Tenn.	47,526	16.21	46,988	21,562	45.9	45,804	14,185	31.0	13,706	29.9
Newark, N. J.	116,757	29.35	113,670	92,796	81.6	112,194	20,209	18.0	12,243	10.9
New Bedford, Mass.	31,611	18.36	31,103	25,183	81.0	30,640	7,899	25.8	1,124	3.7
New Haven, Conn.	44,130	26.08	43,677	38,068	87.2	42,480	11,126	26.2	1,776	4.2
New Orleans, La.	137,165	17.16	136,155	97,887	71.9	133,040	31,552	23.7	41,494	31.2
New York, N. Y.	2,218,372	38.10	2,171,442	2,016,133	92.8	2,047,919	323,143	15.8	123,769	6.0
Norfolk, Va.	38,753	21.50	37,887	24,960	65.9	37,403	10,625	28.4	12,317	32.9
Oakland, Calif.	103,709	30.52	102,096	93,139	91.2	99,325	42,593	42.9	3,911	3.9
Oklahoma City, Okla.	64,569	22.77	62,900	43,228	68.7	59,494	22,027	37.0	5,447	9.2
Omaha, Nebr.	65,726	26.50	65,003	49,467	76.1	62,135	28,672	46.1	3,484	5.6
Paterson, N. J.	39,991	24.14	39,682	32,959	83.1	38,685	10,059	26.0	1,132	2.9
Peoria, Ill.	31,261	34.05	30,427	21,113	69.4	30,459	13,851	45.5	870	2.9
Philadelphia, Pa.	533,332	28.10	523,872	452,434	86.4	506,980	197,017	38.9	65,492	12.9
Pittsburgh, Pa.	179,867	28.72	178,246	107,195	60.1	175,163	56,381	32.2	15,503	8.9
Portland, Oreg.	108,745	24.12	107,153	91,375	85.3	102,063	49,303	48.3	1,579	1.5
Providence, R. I.	69,735	23.10	69,496	54,779	78.8	67,501	18,748	27.8	1,852	2.7
Reading, Pa.	30,624	26.28	30,380	25,023	82.4	29,798	13,107	44.0	537	1.8
Richmond, Va.	52,440	22.64	51,896	33,126	63.8	50,917	14,814	29.1	15,647	30.7
Rochester, N. Y.	93,893	32.81	91,784	84,566	92.1	90,039	35,782	39.7	1,057	1.2
Sacramento, Calif.	33,812	32.81	33,429	29,449	88.1	32,178	14,340	44.6	1,447	4.5
St. Louis, Mo.	251,610	22.95	248,962	176,698	71.0	234,872	62,829	26.8	29,464	12.5
St. Paul, Minn.	83,294	30.63	82,480	65,539	79.5	80,557	37,940	47.1	1,375	1.7
Salt Lake City, Utah	43,077	28.13	42,831	37,100	86.6	41,368	20,594	49.8	376	.9

[1] For definition of median, see headnote, table 908.

No. 919.—Characteristics of Housing, for Cities of 100,000 or More Inhabitants: 1940—Continued

City	All dwelling units	Median contract or estimated monthly rent [1]	Bathing equipment: Number reporting	Bathing equipment: With private bathtub or shower in structure: Number	Bathing equipment: With private bathtub or shower in structure: Percent	All occupied units	Owner occupied: Number	Owner occupied: Percent	Occupied by nonwhite: Number	Occupied by nonwhite: Percent
San Antonio, Tex	69,731	$16.79	69,314	44,021	63.5	65,745	24,848	37.8	5,955	9.1
San Diego, Calif	69,026	27.85	68,368	61,538	90.0	63,962	26,031	40.7	1,867	2.9
San Francisco, Calif	222,176	33.78	218,179	192,463	88.2	206,011	64,398	31.3	8,983	4.4
Scranton, Pa	36,334	24.49	35,850	27,435	76.5	35,631	13,667	38.4	269	.8
Seattle, Wash	134,807	26.23	132,167	108,719	82.3	126,354	56,080	44.4	4,216	3.3
Somerville, Mass	27,331	29.81	27,022	24,885	92.1	26,264	6,894	26.2	122	.5
South Bend, Ind	28,524	27.05	28,266	22,950	81.2	27,894	14,811	53.1	948	3.4
Spokane, Wash	41,779	22.09	41,321	32,803	79.4	38,918	21,339	54.8	347	.9
Springfield, Mass	42,285	29.83	41,755	40,303	96.5	40,303	11,719	29.1	923	2.3
Syracuse, N. Y	59,603	30.52	58,430	50,664	86.7	57,009	19,314	33.9	674	1.2
Tacoma, Wash	38,115	21.01	37,755	31,178	82.6	36,086	20,865	57.8	512	1.4
Tampa, Fla	31,294	15.96	31,068	22,956	73.9	29,914	10,969	36.7	6,146	20.5
Toledo, Ohio	82,607	27.77	81,990	72,217	88.1	79,341	36,651	46.2	3,785	4.8
Trenton, N. J	30,294	27.54	29,897	24,506	82.0	29,594	11,863	40.1	1,830	6.2
Tulsa, Okla	43,993	25.66	43,287	32,665	75.5	41,344	16,853	40.8	4,295	10.4
Utica, N. Y	28,146	24.31	27,972	22,850	81.7	26,915	8,931	33.2	185	.7
Washington, D. C	185,128	47.53	182,284	150,406	82.5	173,445	51,944	29.9	39,917	23.0
Wichita, Kans	36,432	22.58	35,945	26,037	72.4	34,775	14,550	41.8	1,632	4.7
Wilmington, Del	30,132	32.79	29,859	23,765	79.6	29,293	11,531	39.4	3,696	12.6
Worcester, Mass	49,943	27.65	48,591	44,234	91.0	48,812	14,728	30.2	433	.9
Yonkers, N. Y	40,764	41.63	40,264	35,177	87.4	38,516	9,474	24.6	1,104	2.9
Youngstown, Ohio	41,877	30.38	41,508	31,580	76.1	41,197	20,069	48.7	3,376	8.2

[1] For definition of median, see headnote, table 908.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 920.—Characteristics of Housing, for Metropolitan Districts: 1940

Note.—Figures shown are for metropolitan districts having a central city of 100,000 or more or a gross population of 150,000 or more. Monthly rental data exclude rural-farm dwelling units. See headnote, table 908.

Metropolitan district	All dwelling units	Median contract or estimated monthly rent [1]	Bathing equipment: Number reporting	Bathing equipment: With private bathtub or shower in structure: Number	Bathing equipment: With private bathtub or shower in structure: Percent	All occupied units	Owner occupied: Number	Owner occupied: Percent	Occupied by nonwhite: Number	Occupied by nonwhite: Percent
Akron, Ohio	97,057	$26.21	96,033	75,214	78.3	94,924	49,840	52.5	3,487	3.7
Albany-Schenectady-Troy, N. Y	129,464	27.52	128,095	103,439	80.8	122,327	50,574	41.3	1,467	1.2
Allentown-Bethlehem-Easton, Pa	85,923	25.10	85,033	57,637	67.8	83,636	36,675	43.9	484	.6
Atlanta, Ga	121,441	18.74	119,999	67,452	56.2	117,384	38,211	32.6	34,150	29.1
Baltimore, Md	289,060	27.53	283,991	215,888	76.0	271,679	117,967	43.4	43,271	15.9
Birmingham, Ala	109,211	13.48	107,046	49,185	45.9	106,495	35,057	32.9	44,461	41.7
Boston, Mass	651,192	32.33	640,184	563,915	88.1	606,279	219,192	36.2	11,529	1.9
Bridgeport, Conn	60,301	28.77	59,143	49,678	84.0	57,478	21,511	37.4	1,147	2.0
Buffalo-Niagara, N. Y	233,963	28.63	231,819	197,729	85.3	224,969	84,655	37.6	5,849	2.6
Canton, Ohio	54,307	27.54	53,778	42,529	79.1	53,281	28,130	52.8	1,727	3.2
Charlotte, N. C	28,329	21.69	27,822	16,450	59.1	27,846	8,317	29.9	8,042	28.9
Chattanooga, Tenn	50,300	15.04	49,754	25,100	50.4	48,786	18,292	37.5	10,374	21.3
Chicago, Ill	1,284,345	33.39	1,272,840	1,064,793	83.7	1,237,297	374,277	30.2	87,739	7.1
Cincinnati, Ohio	241,557	26.49	238,766	164,777	69.0	228,594	92,028	40.3	20,922	9.2
Cleveland, Ohio	347,866	31.59	345,994	305,594	88.3	335,885	130,956	39.0	22,302	6.6
Columbus, Ohio	103,263	28.96	101,317	82,951	81.9	99,537	41,158	41.3	8,995	9.0
Dallas, Tex	114,141	23.74	112,814	79,683	70.6	107,235	41,660	38.8	16,674	15.5
Davenport (Iowa)-Rock Island-Moline (Ill.)	50,497	29.80	50,040	32,314	64.6	49,530	23,894	48.2	677	1.4
Dayton, Ohio	77,166	29.22	76,159	53,015	69.6	75,516	34,306	45.4	5,361	7.1
Denver, Colo	119,077	25.83	116,687	83,698	71.7	113,911	47,618	41.8	2,967	2.6
Des Moines, Iowa	55,103	25.63	53,933	34,566	64.1	53,264	27,291	51.2	1,856	3.5
Detroit, Mich	617,992	33.60	611,394	524,115	85.7	594,688	266,949	44.9	39,455	6.6
Duluth (Minn.)-Superior (Wis.)	44,908	23.41	44,556	30,643	68.8	43,048	22,006	51.1	203	.5
Erie, Pa	36,340	24.60	35,667	29,954	84.0	35,223	14,766	41.9	412	1.2
Fall River-New Bedford, Mass	75,591	18.53	74,323	54,317	73.1	72,560	21,435	29.5	1,458	2.0
Flint, Mich	51,303	26.74	50,914	33,761	66.3	49,829	28,556	57.3	1,674	3.4

[1] For definition of median, see headnote, table 908.

No. 920.—Characteristics of Housing, for Metropolitan Districts: 1940—Continued

Metropolitan District	All dwelling units	Median contract or estimated monthly rent [1]	Bathing equipment: Number reporting	Bathing equipment: With private bathtub or shower in structure: Number	Bathing equipment: With private bathtub or shower in structure: Percent	All occupied units	Owner occupied: Number	Owner occupied: Percent	Occupied by nonwhites: Number	Occupied by nonwhites: Percent
Fort Wayne, Ind	38,095	$29.04	37,623	28,364	75.4	37,132	20,496	55.2	705	1.9
Fort Worth, Tex	62,832	18.82	61,838	41,339	66.9	59,633	26,902	45.1	8,352	14.0
Grand Rapids, Mich	61,196	23.79	60,420	48,068	79.6	59,204	31,322	52.9	838	1.4
Harrisburg, Pa	47,770	28.72	47,281	34,868	73.7	46,378	20,168	43.5	2,668	5.8
Hartford-New Britain, Conn	132,848	31.12	130,093	114,566	88.1	129,810	46,745	36.0	2,429	1.9
Houston, Tex	149,351	24.04	146,397	102,914	70.3	141,345	57,917	41.0	28,622	20.2
Huntington (W. Va.)-Ashland (Ky.)	44,797	19.14	44,070	27,995	63.5	43,510	19,021	43.7	1,715	3.9
Indianapolis, Ind	135,179	25.16	133,260	88,532	66.4	130,068	53,003	40.8	14,616	11.2
Jacksonville, Fla	52,956	18.33	52,207	33,792	64.7	51,180	17,750	34.7	16,214	31.7
Johnstown, Pa	36,316	20.39	36,080	19,606	54.3	35,736	14,972	41.9	569	1.6
Kansas City (Mo.)-Kansas City (Kans.)	202,122	22.65	198,687	137,537	69.2	188,690	75,177	39.8	20,430	10.8
Knoxville, Tenn	39,143	16.23	38,880	19,322	49.7	37,877	15,584	41.1	4,425	11.7
Los Angeles, Calif	999,492	29.32	987,045	903,601	91.5	930,921	376,610	40.5	34,546	3.7
Louisville, Ky	126,043	19.76	124,831	75,613	60.6	120,293	49,397	41.1	16,478	13.7
Lowell - Lawrence - Haverhill, Mass	92,148	22.44	90,439	72,905	80.6	86,555	31,715	36.6	278	.3
Memphis, Tenn	93,823	15.75	91,869	42,808	46.6	91,319	29,194	32.0	39,837	43.6
Miami, Fla	85,136	30.49	83,050	69,760	84.0	70,994	29,163	41.1	10,026	14.1
Milwaukee, Wis	223,061	33.19	221,356	179,084	80.9	215,665	81,177	37.6	2,756	1.3
Minneapolis-St. Paul, Minn	268,484	30.93	265,469	205,550	77.4	256,646	120,447	46.9	3,228	1.3
Nashville, Tenn	66,061	17.32	65,307	31,940	48.9	63,574	23,568	37.1	15,049	23.7
New Haven, Conn	88,623	28.25	87,624	74,774	85.3	81,768	30,562	37.4	2,331	2.9
New Orleans, La	149,006	16.89	147,899	104,725	70.8	144,566	37,048	25.6	43,595	30.2
New York-Northeastern New Jersey	3,424,485	37.75	3,354,661	3,052,094	91.0	3,160,300	746,688	23.6	170,101	5.4
Norfolk - Portsmouth - Newport News, Va	86,539	20.22	84,547	51,898	61.4	82,917	30,159	36.4	28,007	33.8
Oklahoma City, Okla	69,412	22.43	67,596	45,842	67.8	63,922	24,520	38.4	5,558	8.7
Omaha (Nebr.)-Council Bluffs (Iowa)	84,129	24.89	83,206	60,059	72.2	79,798	38,653	48.4	3,695	4.6
Peoria, Ill	47,027	31.74	45,894	29,082	63.4	45,845	24,044	52.4	931	2.0
Philadelphia, Pa	792,909	28.97	779,641	668,848	85.8	754,474	321,794	42.7	79,590	10.5
Pittsburgh, Pa	512,538	25.60	507,028	291,801	57.6	502,064	196,544	39.1	28,692	5.7
Portland, Oreg	141,697	22.86	139,605	116,040	83.1	133,144	70,478	52.9	1,769	1.3
Providence, R. I	197,927	23.48	196,507	155,347	79.1	186,372	68,811	36.9	3,059	1.6
Reading, Pa	48,293	26.92	47,896	37,975	79.3	46,749	22,381	47.9	606	1.3
Richmond, Va	66,624	24.05	65,687	41,686	63.5	64,385	24,256	37.7	17,467	27.1
Rochester, N. Y	119,880	33.57	116,694	105,299	90.2	113,895	51,805	45.5	1,090	1.0
Sacramento, Calif	49,366	29.46	48,701	39,372	80.8	47,157	24,288	51.5	2,215	4.7
Saginaw - Bay City, Mich	42,590	23.89	41,893	28,316	67.6	40,939	25,629	62.6	974	2.4
St. Louis, Mo	409,595	23.81	405,380	278,461	68.7	385,374	142,764	37.0	40,780	10.6
Salt Lake City, Utah	57,109	26.22	56,778	46,384	81.7	54,891	30,068	54.8	494	.9
San Antonio, Tex	86,389	17.23	85,837	55,234	64.3	81,335	34,066	41.9	6,551	8.1
San Diego, Calif	86,788	27.37	85,925	76,528	89.1	79,813	35,015	43.9	2,079	2.6
San Francisco - Oakland, Calif	485,087	32.90	477,600	433,525	90.8	454,519	188,039	41.4	16,438	3.6
Scranton - Wilkes - Barre, Pa	151,184	21.97	149,493	100,031	66.9	148,294	63,775	43.0	596	.4
Seattle, Wash	164,295	25.30	161,032	131,009	81.4	153,229	76,131	49.7	4,504	2.9
South Bend, Ind	40,963	25.28	40,607	30,483	75.1	40,058	22,056	55.1	998	2.5
Spokane, Wash	47,284	21.75	46,773	36,079	77.1	44,083	25,051	56.8	384	.9
Springfield - Holyoke, Mass	107,483	26.47	106,154	95,719	90.2	102,921	37,107	36.1	1,108	1.1
Syracuse, N. Y	73,336	29.62	71,945	60,449	84.0	70,336	27,009	38.4	709	1.0
Tacoma, Wash	53,310	20.15	52,742	41,332	78.4	49,598	29,768	60.0	870	1.8
Tampa-St. Petersburg, Fla	73,572	20.03	72,553	55,432	76.4	61,660	27,638	44.8	10,196	16.5
Toledo, Ohio	99,011	27.52	98,297	82,241	83.7	95,360	47,604	49.9	3,895	4.1
Trenton, N. J	50,310	28.72	49,692	40,167	80.8	49,112	21,771	44.3	2,802	5.7
Tulsa, Okla	56,847	22.67	55,920	37,688	67.4	53,712	22,875	42.6	5,477	10.2
Utica-Rome, N. Y	53,045	23.63	52,586	40,525	77.1	50,819	20,828	41.0	275	.5
Washington, D. C	252,773	47.73	248,858	204,214	82.1	237,609	89,575	37.7	45,367	19.1
Wheeling, W. Va	51,368	18.44	50,721	28,246	55.7	50,381	22,147	44.0	1,667	3.3
Wichita, Kans	39,925	22.28	39,317	27,507	70.0	38,161	16,810	44.1	1,676	4.4
Wilmington, Del	50,349	31.97	49,829	38,235	76.7	48,583	21,248	43.7	4,835	10.0
Worcester, Mass	79,881	26.21	77,892	66,794	85.8	77,262	28,733	37.2	481	.6
Youngstown, Ohio	93,495	28.13	92,450	65,618	71.0	92,250	48,494	52.6	5,503	6.0

[1] For definition of median, see headnote, table 908.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 921.—Owner-Occupied One-Family Nonfarm Mortgaged Properties by Interest Rate, Outstanding Indebtedness, Value, Type of Holder, and Type of Payment: 1940

[Percent not shown where less than 0.1]

SUBJECT	Number or amount	Percent
Owner-occupied 1-family mortgaged properties	4,025,815	
INTEREST RATE ON FIRST MORTGAGE		
Reporting interest rate	3,845,513	100.0
Under 4.0 percent	29,554	.8
4.0	68,248	1.8
4.1–4.4	4,826	.1
4.5	663,964	17.3
4.6–4.9	1,543	
5.0	762,254	19.8
5.1–5.4	5,770	.2
5.5	286,759	7.5
5.6–5.9	1,188	
6.0	1,714,160	44.6
6.1–6.4	2,430	.1
6.5	29,103	.8
6.6–6.9	5,031	.1
7.0	162,674	4.2
7.1–7.4	6,305	.2
7.5	4,555	.1
7.6–7.9	575	
8.0	96,574	2.5
Average interest rate (percent)	5.55	
OUTSTANDING INDEBTEDNESS (First and junior mortgages)		
Reporting debt and value	3,745,366	100.0
Under $1,000	959,791	25.6
$1,000–$1,499	515,762	13.8
$1,500–$1,999	433,848	11.6
$2,000–$2,499	419,584	11.2
$2,500–$2,999	305,225	8.1
$3,000–$3,999	483,476	12.9
$4,000–$4,999	283,441	7.6
$5,000–$5,999	159,390	4.3
$6,000–$7,499	100,175	2.7
$7,500–$9,999	49,168	1.3
$10,000–$14,999	26,416	.7
$15,000–$19,999	5,756	.2
$20,000 and over	3,334	.1
RELATION OF DEBT TO VALUE		
Value of property (1,000 dollars)	16,489,836	
Average value (dollars)	4,403	
Debt on first and junior mortgages (1,000 dollars)	8,633,722	
Ratio debt to value (percent)	52.4	
Average debt (dollars)	2,305	
HOLDER OF FIRST MORTGAGE (Data limited to properties reporting holder, debt, and value)		
Total properties	3,683,910	100.0
Building and loan association	753,531	20.5
Commercial and savings banks	872,808	23.7
Commercial bank	434,444	11.8
Savings bank	438,364	11.9
Life insurance company	166,880	4.5
Mortgage company	171,865	4.7
Home Owners' Loan Corporation	492,790	13.4
Individual	936,404	25.4
Other	289,632	7.9
Debt on first mortgage (1,000 dollars)	8,396,271	100.0
Building and loan association	1,476,430	17.6
Commercial and savings banks	2,284,601	27.2
Commercial bank	1,145,344	13.6
Savings bank	1,139,257	13.6
Life insurance company	659,166	7.9
Mortgage company	486,163	5.8
Home Owners' Loan Corporation	1,097,890	13.1
Individual	1,681,735	20.0
Other	710,286	8.5
TYPE AND FREQUENCY OF PAYMENTS ON FIRST MORTGAGE		
Total properties	4,025,815	100.0
Principal payments required	3,188,538	79.2
Real estate taxes included in payment	833,334	20.7
Monthly	780,128	19.4
Other than monthly	53,206	1.3
Real estate taxes not included in payment	2,300,386	57.1
Monthly	1,865,347	46.3
Other than monthly	435,039	10.8
Not reporting tax payment requirements	54,818	1.4
No principal payments required	549,605	13.7
Not reporting principal requirements	123,751	3.1
No regular payments required	163,921	4.1

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part 1.

No. 922.—Owner-Occupied One-Family Nonfarm Mortgaged Properties by Debt and Value, and Average Interest Rate on First Mortgage, by States: 1940

Division and state	Total properties	Reporting debt and value	Value of property		Outstanding indebtedness (first and junior mortgages)			Average interest rate on first mortgage (percent)
			Total (1,000 dollars)	Average (dollars)	Total (1,000 dollars)	Percent of value	Average (dollars)	
United States	4,025,815	3,745,366	16,489,836	4,403	8,633,722	52.4	2,305	5.55
New England	308,102	291,167	1,486,008	5,104	764,412	51.4	2,625	5.38
Maine	20,320	18,667	58,017	3,108	25,550	44.0	1,369	5.59
New Hampshire	16,403	14,655	48,215	3,290	22,419	46.5	1,530	5.17
Vermont	9,679	9,038	32,879	3,638	14,071	42.8	1,557	5.36
Massachusetts	165,513	156,733	785,003	5,009	427,370	54.4	2,727	5.41
Rhode Island	24,625	23,623	121,611	5,148	59,771	49.1	2,530	5.49
Connecticut	71,562	68,451	440,283	6,432	215,230	48.9	3,144	5.28
Middle Atlantic	897,953	834,107	4,548,874	5,454	2,479,215	54.5	2,972	5.47
New York	395,763	373,740	2,267,436	6,067	1,261,098	55.6	3,374	5.37
New Jersey	169,000	154,099	920,492	5,973	492,485	53.5	3,196	5.48
Pennsylvania	333,190	306,268	1,360,947	4,444	725,633	53.3	2,369	5.59
East North Central	1,053,082	987,266	4,240,879	4,296	2,174,566	51.3	2,203	5.45
Ohio	317,781	299,267	1,334,397	4,459	687,728	51.5	2,298	5.51
Indiana	149,484	136,945	453,482	3,311	219,057	48.3	1,600	5.54
Illinois	239,483	222,239	1,116,933	5,026	553,471	49.6	2,490	5.42
Michigan	246,656	233,744	922,427	3,946	504,610	54.7	2,159	5.48
Wisconsin	99,678	95,071	413,640	4,351	209,699	50.7	2,206	5.14
West North Central	381,924	351,622	1,217,547	3,463	621,337	51.0	1,767	5.48
Minnesota	90,542	85,436	341,020	3,992	163,564	48.0	1,914	5.28
Iowa	70,972	63,991	193,764	3,028	95,726	49.4	1,496	5.38
Missouri	114,706	107,222	411,049	3,834	223,563	54.4	2,085	5.60
North Dakota	8,183	6,634	20,099	3,030	9,367	46.6	1,412	5.46
South Dakota	10,063	8,583	22,992	2,679	11,299	49.1	1,316	5.51
Nebraska	35,706	33,217	103,077	3,103	51,612	50.1	1,554	5.45
Kansas	51,752	46,539	125,547	2,698	66,208	52.7	1,423	5.74
South Atlantic	357,922	325,298	1,474,454	4,533	756,809	51.3	2,327	5.63
Delaware	11,623	11,028	59,839	5,426	28,421	47.5	2,577	5.68
Maryland	64,763	58,355	272,850	4,676	143,516	52.6	2,459	5.59
Dist. of Columbia	28,404	27,832	247,104	8,878	126,696	51.3	4,552	5.47
Virginia	55,766	50,909	238,324	4,681	124,863	52.4	2,453	5.54
West Virginia	30,729	26,798	105,943	3,953	49,673	46.9	1,854	5.65
North Carolina	51,999	46,712	151,501	3,243	78,351	51.7	1,677	5.64
South Carolina	20,166	17,500	64,923	3,710	32,613	50.2	1,864	5.68
Georgia	40,677	36,476	136,126	3,732	72,519	53.3	1,988	5.72
Florida	53,795	49,688	197,845	3,982	100,158	50.6	2,016	5.75
East South Central	140,494	125,463	419,970	3,347	217,740	51.8	1,735	5.64
Kentucky	45,191	40,310	149,062	3,698	77,585	52.0	1,925	5.69
Tennessee	44,801	40,826	137,892	3,378	70,243	50.9	1,721	5.52
Alabama	33,403	29,189	91,308	3,128	48,905	53.6	1,675	5.73
Mississippi	17,099	15,138	41,709	2,755	21,008	50.4	1,388	5.63
West South Central	252,676	229,487	724,992	3,159	393,269	54.2	1,714	5.97
Arkansas	19,903	16,251	41,908	2,579	20,217	48.2	1,244	6.08
Louisiana	37,003	34,531	120,631	3,493	64,177	53.2	1,859	5.88
Oklahoma	53,453	47,200	142,944	3,028	78,730	55.1	1,668	5.94
Texas	142,317	131,505	419,508	3,190	230,145	54.9	1,750	5.99
Mountain	120,288	108,957	348,945	3,203	175,310	50.2	1,609	5.79
Montana	11,517	10,544	32,183	3,052	14,794	46.0	1,403	5.92
Idaho	13,812	11,903	32,319	2,715	15,345	47.5	1,289	5.79
Wyoming	7,195	6,853	23,040	3,362	11,867	51.5	1,732	5.86
Colorado	38,400	34,220	110,637	3,233	56,240	50.8	1,643	5.71
New Mexico	8,225	7,098	22,092	3,112	10,629	48.1	1,497	6.42
Arizona	13,901	13,044	42,187	3,234	22,315	52.9	1,711	5.72
Utah	24,490	23,147	77,256	3,338	39,652	51.3	1,713	5.67
Nevada	2,748	2,148	9,231	4,298	4,470	48.4	2,081	5.67
Pacific	513,374	491,999	2,028,167	4,122	1,051,064	51.8	2,136	5.73
Washington	94,316	88,451	280,762	3,174	132,727	47.3	1,501	5.68
Oregon	51,723	48,301	154,080	3,190	72,679	47.2	1,505	5.62
California	367,335	355,247	1,593,326	4,485	845,658	53.1	2,380	5.75

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part. 1