25. Forests and Forest Products

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. The most recent of these are a series of reports based on a reappraisal of the Nation's forest situation made during 1945 and 1946. Tables on forest areas, stand, growth, and drain (Nos. 782–785) are from the preliminary report of this series, Basic Forest Statistics for the United States. Other reports from this series are (1) Gaging the Timber Resource of the United States, (2) Potential Requirement for Timber Products in the United States, (3) The Management and Status of Forest Lands in the United States. Other reports to follow these will deal with different aspects and the situation as a whole. 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. 782.—Forest Land Area and Ownership of Commercial Forest Land, by States

[In thousands of acres]

Region and state	Total forest land	Commercial forest land [1]: All ownerships	Federally owned or managed: Total	Federally owned or managed: National	Federally owned or managed: Other	State, county, and municipal	Private: Total	Private: Farm	Private: Industrial and other
Total	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915
North	211,753	170,321	11,311	9,523	1,788	19,414	139,596	61,010	78,586
New England	31,092	30,851	891	822	69	666	29,294	6,477	22,817
Connecticut	1,907	1,900				155	1,745	711	1,034
Maine	16,788	16,665	74	47	27	50	16,541	2,173	14,368
Massachusetts	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island	452	447				27	420	107	313
Vermont	3,835	3,820	172	161	11	84	3,564	1,494	2,070
Middle Atlantic	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Delaware	442	442	2		2	7	433	228	205
Maryland	2,742	2,722	44	3	41	149	2,529	1,198	1,331
New Jersey	2,348	2,329	53		53	96	2,180	424	1,756
New York	13,500	11,114	75		75	732	10,307	3,651	6,656
Pennsylvania	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774
West Virginia	9,954	9,852	832	820	12	115	8,905	2,984	5,921
Lake	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115
Michigan	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850
Minnesota	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin	17,000	16,265	1,670	1,250	420	3,590	11,005	6,340	4,665
Central	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981
Illinois	3,396	3,319	192	175	17	10	3,117	3,092	25
Indiana	3,445	3,358	104	79	25	76	3,178	3,139	39
Iowa	2,248	2,226	16	5	11	19	2,191	2,186	5
Kentucky	11,857	11,694	534	427	107	35	11,125	5,421	5,704
Missouri	19,142	18,837	1,199	1,193	6	78	17,560	8,839	8,721
Ohio	4,831	4,779	72	72		108	4,599	3,112	1,487
Plains	35,828	3,326	332	30	302	4	2,990	2,960	30
Kansas	1,121	1,011					1,011	1,011	
Nebraska	1,112	987	39	15	24		948	948	
North Dakota	621	470	55		55	1	414	414	
Oklahoma (West) [2]	6,326								
South Dakota (East) [3]	662	618	215	15	200	3	400	400	
Texas (West) [2]	25,986	240	23		23		217	187	30
South	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
South Atlantic	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525
North Carolina	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371
South Carolina	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196
Southeast	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
Alabama	18,878	18,800	886	613	273	121	17,793	7,259	10,534
Florida	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730
Georgia	21,432	21,107	1,202	646	556	72	19,833	10,362	9,471
Mississippi	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee	12,165	11,850	801	555	246	287	10,762	5,194	5,568
West Gulf	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
Arkansas	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) [2]	4,320	4,308	619	163	456	23	3,666	812	2,854
Texas (East) [2]	10,567	10,548	673	648	25	16	9,859	2,626	7,233
West	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
Pacific Northwest	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
Oregon	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
California	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
Idaho	18,813	10,149	6,436	5,838	598	925	2,788	841	1,947
Montana	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) [3]	1,317	1,147	920	918	2	4	223	144	79
Wyoming	8,878	3,012	2,534	2,187	347	74	404	248	156
South Rocky Mountain	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
Arizona	19,538	2,815	2,744	2,058	686	30	41	36	5
Colorado	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149
Nevada	4,720	98	24	24			74	13	61
New Mexico	20,001	3,465	2,405	2,020	385	149	911	693	218
Utah	8,494	1,530	1,349	1,276	73	49	132	106	26

[1] Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use. Status beginning 1945.
[2] Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.
[3] Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 783.—Saw Timber on Commercial Forest Land, by States

In millions of board feet. Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis]

Region and state	Total	Softwood	Hardwood	On saw-timber areas: On virgin areas	On saw-timber areas: On second-growth areas	On other than saw-timber areas	Saw-timber growth: Total	Saw-timber growth: Softwood	Saw-timber growth: Hardwood
Total	1,600,972	1,296,377	304,595	840,340	660,719	99,913	35,301	21,848	13,453
North	220,429	65,836	154,593	21,642	159,386	39,401	8,355	2,000	6,355
New England	58,197	33,263	24,934	726	48,605	8,866	1,799	910	889
Connecticut	1,642	258	1,384	--------	1,111	531	107	14	93
Maine	36,787	24,279	12,508	525	31,912	4,350	760	491	269
Massachusetts	4,670	1,946	2,724	15	3,867	788	242	96	146
New Hampshire	7,610	3,424	4,186	88	5,739	1,783	389	174	215
Rhode Island	153	22	131	--------	69	84	9	1	8
Vermont	7,335	3,334	4,001	98	5,907	1,330	292	134	158
Middle Atlantic	62,045	14,017	48,028	1,197	47,459	13,389	2,712	597	2,115
Delaware	1,183	519	664	25	1,029	129	62	27	35
Maryland	4,030	1,779	2,251	37	3,053	940	202	105	97
New Jersey	2,188	783	1,405	25	1,362	801	103	37	66
New York	25,279	6,926	18,353	329	21,088	3,862	785	191	594
Pennsylvania	20,582	3,087	17,495	162	13,406	7,014	1,111	193	918
West Virginia	8,783	923	7,860	619	7,521	643	449	44	405
Lake	50,710	15,670	35,040	17,390	23,280	10,040	1,403	346	1,057
Michigan	24,140	7,400	16,740	13,550	7,500	3,090	519	96	423
Minnesota	11,590	4,940	6,650	2,020	5,560	4,010	420	176	244
Wisconsin	14,980	3,330	11,650	1,820	10,220	2,940	464	74	390
Central	43,747	2,418	41,329	1,249	36,616	5,882	2,248	128	2,120
Illinois	3,717	22	3,695	71	3,092	554	208	1	207
Indiana	6,175	6	6,169	--------	5,773	402	298	2	296
Iowa	5,344	43	5,301	--------	4,842	502	295	2	293
Kentucky	12,392	1,611	10,781	797	10,356	1,239	638	83	555
Missouri	6,984	663	6,321	381	3,849	2,754	388	37	351
Ohio	9,135	73	9,062	--------	8,704	431	421	3	418
Plains	5,730	468	5,262	1,080	3,426	1,224	193	19	174
Kansas	2,880	--------	2,880	600	1,800	480	82	--------	82
Nebraska	1,500	300	1,200	360	660	480	58	10	48
North Dakota	434	20	414	--------	344	90	16	1	15
Oklahoma (West)[1]	--------	--------	--------	--------	--------	--------	--------	--------	--------
South Dakota (East)[2]	720	96	624	120	480	120	26	4	22
Texas (West)[1]	196	52	144	--------	142	54	11	4	7
South	337,987	193,790	144,197	11,617	305,833	20,537	19,938	12,919	7,019
South Atlantic	97,141	59,326	37,815	--------	90,205	6,936	6,106	4,016	2,090
North Carolina	42,241	27,962	14,279	--------	40,109	2,132	2,589	1,835	754
South Carolina	29,580	19,362	10,218	--------	28,452	1,128	1,733	1,234	499
Virginia	25,320	12,002	13,318	--------	21,644	3,676	1,784	947	837
Southeast	135,887	76,992	58,895	4,674	121,473	9,740	8,224	5,284	2,940
Alabama	33,361	20,681	12,680	694	30,482	2,185	2,021	1,392	629
Florida	17,308	12,862	4,446	844	14,410	2,054	989	767	222
Georgia	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi	30,453	11,592	18,861	1,131	27,206	2,116	1,866	904	962
Tennessee	14,222	2,916	11,306	--------	13,254	968	847	226	621
West Gulf	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas	37,528	22,315	15,213	2,080	33,940	1,508	1,929	1,186	743
Louisiana	36,895	13,930	22,965	2,492	33,184	1,219	1,893	970	923
Oklahoma (East)[1]	3,048	2,044	1,004	234	2,497	317	137	95	42
Texas (East)[1]	27,488	19,183	8,305	2,137	24,534	817	1,649	1,368	281
West	1,042,556	1,036,751	5,805	807,081	195,500	39,975	7,008	6,929	79
Pacific Northwest	630,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon	381,389	378,577	2,812	307,288	71,913	2,188	2,483	2,432	51
Washington	249,505	248,364	1,141	205,861	39,793	3,851	1,741	1,720	21
California	227,565	227,565	--------	180,082	32,624	14,859	1,160	1,160	--------
North Rocky Mountain	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho	60,796	60,764	32	27,078	28,076	5,642	826	826	(3)
Montana	52,515	52,112	403	32,020	12,531	7,964	418	414	4
South Dakota (West)[2]	2,866	2,866	--------	1,249	1,333	284	22	22	(3)
Wyoming	11,052	10,551	501	9,463	1,272	317	40	40	(3)
South Rocky Mountain	56,868	55,952	916	44,040	7,958	4,870	318	315	3
Arizona	16,270	16,270	--------	14,265	1,787	218	94	94	--------
Colorado	27,658	26,742	916	18,727	4,860	4,071	145	142	3
Nevada	367	367	--------	287	35	45	1	1	--------
New Mexico	8,471	8,471	--------	7,134	871	466	58	58	--------
Utah	4,102	4,102	--------	3,627	405	70	20	20	--------

[1] Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.
[2] Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.
[3] Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 784.—Saw Timber—Volume, by Species and Region

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 783]

Kind of wood	Total North and South	New England	Middle Atlantic	Lake	Central	Plains	South Atlantic	South-east	West Gulf
Eastern softwoods, total	259,626	33,263	14,017	15,670	2,418	468	59,326	76,992	57,472
Southern yellow pine	188,327	142	4,035	--------	1,727	51	54,954	70,927	56,491
Spruce and fir [1]	27,007	20,649	2,718	3,600	--------	--------	40	--------	--------
White and Norway pine	15,383	7,330	3,050	3,690	161	--------	817	335	--------
Hemlock	14,921	3,764	3,996	5,950	343	--------	726	142	--------
Cypress	6,236	--------	--------	--------	126	1	2,277	3,284	548
Other	7,752	1,378	218	2,430	61	[2] 416	512	2,304	433
Eastern hardwoods, total	[3] 298,790	24,934	[3] 48,028	35,040	[3] 41,329	5,262	[3] 37,815	[3] 58,895	47,487
Oak	101,381	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple	67,887	20,740	19,310	17,090	7,207	--------	2,330	1,210	--------
Sweet gum	26,476	--------	--------	--------	616	36	6,667	10,516	8,641
Tupelo and black gum	18,957	--------	--------	--------	348	3	6,250	7,309	5,047
Cottonwood and aspen	15,662	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar	12,347	56	1,710	--------	2,169	--------	4,512	3,900	--------
Other	56,080	488	6,842	6,480	8,147	2,107	5,125	14,036	12,855

Kind of wood	Total West	Pacific Northwest			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
Western species, total	1,042,556	630,894	504,931	125,963	227,565	127,229	56,868
Douglas fir	430,028	331,227	310,523	20,704	[4] 68,613	26,718	3,470
Ponderosa pine	[5] 185,025	80,198	4,850	75,348	[6] 51,191	26,771	26,865
True firs	113,541	57,854	46,464	11,390	[7] 43,012	9,360	3,315
Western hemlock	97,207	95,855	94,469	1,386	--------	1,352	--------
Sugar pine and western white pine	40,224	8,089	6,171	1,918	19,505	12,630	--------
Redwood	38,114	--------	--------	--------	[8] 38,114	--------	--------
Spruce	35,880	8,020	8,020	--------	--------	12,499	15,361
Larch	26,606	8,727	145	8,582	--------	17,879	--------
Lodgepole pine	22,060	1,171	37	1,134	--------	14,406	6,483
Other softwoods	48,066	35,800	30,386	5,414	7,130	4,678	458
Hardwoods	5,805	3,953	3,866	87	--------	936	916

[1] Balsam fir.
[2] Ponderosa pine.
[3] Excludes dead chestnut of sawlog size still standing and usable.
[4] May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar and western red cedar commonly lumped with Douglas-fir in redwood cruising.
[5] Excludes 416 million board feet in Plains region.
[6] Includes Jeffery pine.
[7] Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.
[8] Redwood exclusive of volume of 1,000 bigtree on cruises in west-side Sierra subregion.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 785.—Annual Drain From Commercial Forest Lands by Cutting for Commodities and by Destructive Agencies

[Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

Item	All timber drain (millions of cu. ft.)			Saw-timber drain (millions of bd. ft.)		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
Aggregate	13,661	8,151	5,510	53,893	38,530	15,363
Timber cut for commodities (1944)	12,182	7,348	4,834	49,658	35,591	14,067
Lumber	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood	2,203	719	1,484	3,863	1,957	1,906
Pulpwood	1,306	1,163	143	4,757	4,500	257
Hewed ties	363	153	210	1,643	777	866
Fence posts	220	59	161	226	82	144
Veneer logs	392	165	227	1,971	942	1,029
Mine timbers	225	40	185	320	70	250
Cooperage	174	40	134	744	195	549
Shingles	72	72	--------	334	334	--------
Other	516	159	357	1,409	604	805
Timber removed by destructive agencies (average 1934-45)	1,479	803	676	4,235	2,939	1,296
Fire	460	247	213	859	547	312
Insects, disease, wind, etc.	1,019	556	463	3,376	2,392	984

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 786.—National Forest and Land Utilization Areas, by States and for Alaska and Puerto Rico: June 30, 1946

[Areas in acres; comprises national forests, purchase units, experimental areas, land utilization and other areas]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
National Forest and land utilization areas, total	**228,759,969**	**49,033,579**	**179,726,390**
National Forest areas, total [1]	**228,475,410**	**48,943,398**	**179,532,012**
Alabama	2,435,087	1,816,664	618,423
Arizona	12,159,018	650,212	11,508,806
Arkansas	3,586,665	1,291,399	2,295,266
California	24,791,204	5,130,216	19,660,988
Colorado	[2] 15,178,194	1,480,937	[2] 13,697,257
Florida	1,241,955	180,336	1,061,619
Georgia	1,732,322	1,079,031	653,291
Idaho	21,502,411	1,339,947	20,162,464
Illinois	812,654	604,854	207,800
Indiana	[2] 781,467	700,752	[2] 80,715
Iowa	218,671	213,922	4,749
Kentucky	1,393,534	960,577	432,957
Louisiana	1,274,066	733,547	540,519
Maine	878,032	828,970	49,062
Maryland	4,318	3,208	1,110
Massachusetts	1,651	----------	1,651
Michigan	5,143,068	2,863,450	2,279,618
Minnesota	5,041,765	2,464,013	2,577,752
Mississippi	[2] 2,777,325	1,795,672	[2] 981,653
Missouri	3,459,999	2,191,078	1,268,921
Montana	19,000,194	2,582,265	16,417,929
Nebraska	207,209	1,183	206,026
Nevada	5,308,407	255,411	5,052,996
New Hampshire	806,323	141,876	664,447
New Mexico	[2] 10,093,879	1,137,889	[2] 8,955,990
North Carolina	3,593,436	2,565,167	1,028,269
North Dakota	764,425	763,905	520
Ohio	1,466,109	1,389,403	76,706
Oklahoma	344,269	176,493	167,776
Oregon	17,311,036	2,637,034	14,674,002
Pennsylvania	746,703	283,600	463,103
South Carolina	1,422,604	841,722	580,882
South Dakota	1,405,250	288,554	1,116,696
Tennessee	1,531,797	967,016	564,781
Texas	1,716,873	1,055,382	661,491
Utah	[2] 8,962,353	1,140,829	[2] 7,821,524
Vermont	580,520	412,382	168,138
Virginia	4,123,667	2,719,782	1,403,885
Washington	10,738,942	1,087,866	9,651,076
West Virginia	1,836,140	932,814	903,326
Wisconsin	2,018,964	596,383	1,422,581
Wyoming	9,013,328	447,904	8,565,424
Alaska	20,883,421	35,097	20,848,324
Puerto Rico	186,155	154,656	31,499
Land utilization and other areas, total [3]	**284,559**	**90,181**	**194,378**
California	400	----------	400
Colorado	50,088	40,770	9,318
Indiana	3,180	----------	3,180
Michigan	46,073	3,829	42,244
New Mexico	163,384	45,582	117,802
Utah	21,434	----------	21,434

[1] Within established boundaries. Area under Forest Service Administration 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.

[3] Outside established boundaries. Area under Forest Service Administration comprises lands acquired by United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agriculture have been placed under administration of Forest Service but have not yet been given a national forest status. Portions of these project lands, located within established national forest or purchase unit boundaries, are included as part of national forest or purchase unit acreage. Fort Bayard Reservation, New Mexico, was placed under administration of Forest Service by Federal Works Agency.

Source: Department of Agriculture, Forest Service; annual report, National Forest Areas.

No. 787.—National Forest Reservations—Land Purchases, by States and for Puerto Rico, to June 30, 1946

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

STATE OR OTHER 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	**62,328,004**	**18,213,976**	**$3.77**	**$68,615**	**18,208,995**	**$3.77**	**$68,594**	**24,715,551**
Alabama	2,435,087	500,925	3.65	1,827	500,925	3.65	1,827	1,464,044
Arkansas	3,584,967	1,138,691	2.75	3,133	1,138,691	2.75	3,133	888,521
California	3,597,783	134,705	8.27	1,114	134,705	8.27	1,114	917,588
Florida	1,241,956	770,658	3.07	2,363	770,657	3.07	2,362	167,152
Georgia	1,727,585	593,322	4.90	2,908	593,322	4.90	2,908	859,546
Idaho	465,673	26,454	3.42	90	26,454	3.42	90	113,546
Illinois	801,944	185,143	6.09	1,127	185,143	6.09	1,127	416,050
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	184,563
Kentucky	1,393,521	432,909	3.80	1,643	432,909	3.80	1,643	745,829
Louisiana	1,274,066	531,351	2.80	1,487	531,351	2.80	1,487	653,347
Maine	878,032	49,050	6.63	325	49,050	6.63	325	637,137
Michigan	5,143,068	1,856,175	2.96	5,495	1,856,055	2.96	5,495	2,325,944
Minnesota	5,041,305	1,503,908	2.39	3,597	1,502,324	2.39	3,594	2,162,071
Mississippi	2,685,492	1,003,094	3.53	3,537	1,003,094	3.53	3,537	1,529,150
Missouri	3,459,999	1,250,340	2.23	2,791	1,250,340	2.23	2,791	1,764,034
Nevada	3,517,520	15,738	9.94	157	15,738	9.94	157	54,577
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	965,771	5.16	4,979	965,749	5.16	4,979	1,804,793
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	893	7,297
Pennsylvania	726,311	461,010	6.30	2,904	461,010	6.30	2,904	151,840
South Carolina	1,422,600	558,193	6.16	3,439	558,193	6.16	3,439	774,777
Tennessee	1,531,695	554,179	4.42	2,450	554,179	4.42	2,450	618,573
Texas	1,714,364	656,401	4.62	3,031	653,191	4.62	3,015	808,442
Utah	2,945,520	112,272	2.88	324	112,272	2.88	324	186,013
Vermont	580,520	168,093	10.16	1,707	168,093	10.16	1,707	318,329
Virginia	3,969,154	1,404,895	3.25	4,567	1,404,851	3.25	4,567	1,678,048
West Virginia	1,836,138	903,324	3.41	3,076	903,324	3.41	3,076	625,204
Wisconsin	2,018,944	1,357,915	2.16	2,934	1,357,915	2.16	2,934	381,602
Puerto Rico	186,155	12,893	13.17	170	12,893	13.17	170	86,669

Source: National Forest Reservation Commission, Annual Report.

No. 788.—Timber Cut on the National Forests—Volume and Value: 1929 to 1946

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

Fiscal year	Total forest products, value	Timber cut: Commercial and cost sales, land exchanges: Volume	Timber cut: Commercial and cost sales, land exchanges: Value	Timber cut: Free use: Volume	Timber cut: Free use: Value [2]	Miscellaneous forest products, [1] value
1929	4,456	1,496,725	4,328	86,768	[3] 98	31
1930	4,930	1,653,265	4,790	116,096	[3] 117	23
1931	3,527	1,222,361	3,348	167,680	[3] 162	17
1932	1,767	611,751	1,519	270,244	[3] 227	21
1933	1,333	473,922	1,077	265,812	237	19
1934	1,845	674,542	1,609	248,243	210	26
1935	2,260	752,368	1,938	316,769	281	41
1936	2,892	1,021,156	2,590	293,126	272	30
1937	3,505	1,290,623	3,189	317,696	277	39
1938	3,539	1,287,917	3,209	301,375	279	52
1939	3,687	1,290,561	3,375	267,785	260	52
1940	5,168	1,740,271	4,807	325,595	304	57
1941	6,084	2,067,279	5,762	284,228	260	62
1942	6,429	2,204,749	6,109	219,358	241	79
1943	8,907	2,359,473	8,672	169,057	175	60
1944	14,518	3,333,167	14,155	180,654	213	150
1945	13,291	3,144,789	13,016	154,167	171	104
1946	11,811	2,729,708	11,490	138,362	170	150

[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. 789.—National Forests—Net Cash Receipts: 1905 to 1946

[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	1946	13,875	10,554	2,060	1,261

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

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

No. 790.—Forest Fires—Number, and Area Burned Over on Federal, State, and Private Forest Lands: 1929 to 1945

[Area in thousands of acres]

Calendar year	Federal lands, protected area [1]			State and private forests [2]					
				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
1945	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780

[1] In continental U. S.; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.
[2] In continental U. S. 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. 791.—Forest Fire Control—Prevention and Suppression Expenditures on State and Private Forest Lands, by States and for Hawaii: Fiscal Year 1946

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

State or other area	Total expenditures	Federal (contributions)	State and county	Private agencies	State or other area	Total expenditures	Federal (contributions)	State and county	Private agencies
Total	16,899	7,012	7,498	2,389	Nevada	26	9	3	14
					New Hampshire	115	51	50	14
Alabama	462	195	220	47	New Jersey	277	108	169	-------
Arkansas	314	157	101	56	New Mexico	20	11	4	5
California	2,419	903	1,516	-------	New York	467	219	248	-------
Colorado	53	27	17	9	North Carolina	400	170	209	21
Connecticut	119	52	67	-------	Ohio	118	38	80	-------
Delaware	16	7	9	-------	Oklahoma	80	40	27	13
Florida	704	297	221	186	Oregon	2,100	697	426	977
Georgia	395	179	86	130	Pennsylvania	445	213	232	-------
Idaho	368	159	73	136	Rhode Island	60	25	35	-------
Illinois	36	17	19	-------	South Carolina	720	255	459	6
Indiana	110	36	74	-------	South Dakota	14	5	9	-------
Kentucky	103	50	53	-------	Tennessee	198	95	99	4
Louisiana	410	204	173	33	Texas	263	119	118	26
Maine	285	143	142	-------	Utah	33	13	9	11
Maryland	215	58	157	-------	Vermont	55	25	27	3
Massachusetts	223	91	132	-------	Virginia	414	138	275	1
Michigan	1,005	445	560	-------	Washington	1,702	821	295	586
Minnesota	561	274	287	-------	West Virginia	345	119	226	-------
Mississippi	305	129	176	-------	Wisconsin	603	294	309	-------
Missouri	134	44	90	-------					
Montana	199	77	11	111	Hawaii	8	3	5	-------

Source: Department of Agriculture, Forest Service; records.

No. 792.—Lumber—Production, by Kind of Wood, and Average Mill Value

Data 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 prior to 1942 except 1869–1909, and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1943–45 include estimates for the East based on sample surveys. Small production quantities are subject to large sampling errors]

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

Year (calendar)	Production: Total	Production: Hardwood	Production: Softwood	Average mill value	Year (calendar)	Production: Total	Production: Hardwood	Production: Softwood	Average mill value
1869	12,756			(1)	1931	16,523	2,671	13,852	$18.56
1879	18,091			(1)	1932	10,151	1,406	8,746	15.12
1889	23,842			$11.41	1933	13,961	2,062	11,899	18.55
1899	[2] 35,078	8,634	26,146	11.13	1934	15,494	2,758	12,735	21.47
1909	44,510	10,613	33,897	15.38	1935	19,539	3,291	16,248	20.43
1919	34,552	7,145	27,407	30.21	1936	24,355	4,113	20,242	22.20
1921	26,961	4,775	22,186	23.47	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)
1930	26,051	4,729	21,323	22.81	1945	28,122	6,982	21,140	(1)

Kind of wood	Production: 1899	1909	1919	1920	1939 [3]	1941	1942	1943	1944	1945
Softwood, total	**26,146**	**33,897**	**27,407**	**29,813**	**21,242**	**27,977**	**29,510**	**26,917**	[4] **25,160**	[4] **21,140**
Balsam fir		109	68	38	20	11	9	7	(1)	(1)
Cedar	233	346	332	309	264	332	302	268	(1)	303
Cypress	496	956	656	532	422	350	319	254	191	228
Douglas fir	1,737	4,856	5,902	8,689	6,494	8,529	8,550	7,951	7,864	6,237
Hemlock	3,421	3,051	1,755	2,099	665	1,000	1,089	1,213	(1)	1,039
Larch	51	421	388	245	111	149	201	229	(1)	(1)
Lodgepole pine		24	16	31	55	72	66	68	72	65
Ponderosa pine	945	1,500	1,755	3,288	3,360	4,250	4,030	3,872	3,768	3,056
Redwood	360	522	410	486	345	456	462	461	462	444
Spruce	1,442	1,749	980	564	346	532	630	557	(1)	358
Sugar pine	54	97	134	349	309	370	338	278	318	228
White fir		89	223	307	98	209	274	403	492	499
White pine	7,742	3,900	1,724	1,248	1,004	1,407	1,478	1,396	(1)	1,269
Yellow pine	9,659	16,277	13,063	11,630	7,749	10,312	11,762	9,962	8,132	7,210
Other softwood	9								(1)	203
Hardwood, total	**8,634**	**10,613**	**7,145**	**7,073**	**3,733**	**5,499**	**6,822**	**7,371**	[4] **7,778**	[4] **6,982**
Alder		(5)	(5)	24	21	27	15	11	13	14
Ash	269	291	155	152	90	102	117	96	(1)	84
Basswood	308	399	184	133	96	120	133	130	(1)	100
Beech		511	359	187	120	228	317	319	(1)	352
Birch	133	452	375	374	141	214	215	188	(1)	152
Chestnut	207	664	546	268	74	93	74	85	(1)	(1)
Cottonwood	415	266	144	165	130	226	283	244	(1)	209
Elm	457	347	194	176	74	130	167	158	(1)	159
Hickory	97	334	170	57	38	79	119	164	(1)	159
Magnolia		(5)	2	42	20	19	23	(6)	(1)	(1)
Maple	633	1,107	857	824	445	615	642	581	(1)	522
Oak	4,438	4,414	2,708	2,574	1,432	2,163	2,763	3,038	3,292	2,859
Red gum	285	707	851	1,104	383	587	840	1,044	1,017	971
Sycamore	30	57	28	58	27	49	78	68	(1)	(1)
Tupelo		97	144	307	271	272	304	395	372	439
Walnut	39	46	39	72	27	44	56	52	(1)	(1)
Yellow poplar	1,115	859	329	436	276	427	543	589	641	578
Other hardwood	209	62	59	120	68	104	133	[7] 208	(1)	385

[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 M13G.

No. 793.—Lumber—Production, by Regions and States: 1889 to 1945

[See headnote, table 792 for explanation of lack of comparableness of statistics. Data for Pacific and Rocky Mountain States may be considered complete for entire series. Data for all States may be considered comparable for 1943 and subsequent years]

[In millions of board feet]

REGION AND STATE	1889	1899	1909	1919	1929	1939 [1]	1943	1944	1945
United States	**23,842**	**35,078**	**44,510**	**34,552**	**36,886**	**24,975**	**34,289**	**32,938**	**28,122**
Northeastern States	**4,726**	**5,709**	**5,197**	**2,584**	**1,232**	**966**	**1,841**	**2,073**	**1,883**
Maine	597	785	1,112	596	258	213	288	402	374
New Hampshire	277	572	650	339	192	187	392	356	290
Vermont	384	376	352	218	120	106	138	188	195
Massachusetts	212	344	361	167	72	67	96	109	88
Connecticut	49	108	168	87	30	17	21	27	17
Rhode Island	8	19	25	11	7	5	4	4	2
New York	925	878	681	358	160	108	271	318	283
New Jersey	34	74	62	37	16	14	30	26	31
Pennsylvania	2,133	2,333	1,463	630	314	186	447	499	464
Maryland	82	184	268	113	55	51	132	120	116
Delaware	23	36	55	27	10	11	22	24	22
Central States	**3,130**	**5,643**	**5,487**	**3,016**	**2,347**	**1,231**	**2,769**	**2,802**	**2,235**
Ohio	565	990	543	280	176	111	276	263	257
Indiana	755	1,037	556	282	170	111	156	176	147
Illinois	222	388	170	65	38	27	92	102	66
Missouri	402	724	660	321	228	74	291	335	241
West Virginia	302	778	1,473	763	633	324	655	632	476
Kentucky	423	775	861	512	339	207	531	506	421
Tennessee	460	951	1,224	792	764	376	768	788	627
Southern States	**3,718**	**8,404**	**14,796**	**12,704**	**12,484**	**7,549**	**9,896**	**8,207**	**7,940**
Georgia	575	1,312	1,342	894	1,386	907	1,857	1,408	1,510
Florida	412	790	1,202	1,137	1,137	603	507	445	485
Alabama	589	1,101	1,691	1,799	2,059	1,412	2,142	1,730	1,585
Mississippi	454	1,206	2,673	2,390	2,669	1,201	1,634	1,332	1,313
Arkansas	538	1,624	2,111	1,772	1,348	1,110	1,450	[2] 1,262	[2] 1,090
Louisiana	304	1,115	3,552	3,164	2,232	1,036	1,082	940	1,024
Texas	843	1,232	2,099	1,380	1,452	1,137	1,129	1,090	933
Oklahoma	3	22	226	168	200	143	96	(2)	(2)
North Carolina Pine States	**1,129**	**2,712**	**5,177**	**3,374**	**2,979**	**2,367**	**3,679**	**3,560**	**2,936**
Virginia	416	959	2,102	1,098	708	679	1,098	1,217	995
North Carolina	515	1,287	2,178	1,654	1,202	1,042	1,580	1,441	1,215
South Carolina	199	466	898	622	1,068	646	1,001	902	727
Lake States	**8,251**	**8,750**	**5,476**	**2,692**	**1,771**	**781**	**994**	**1,228**	**923**
Michigan	4,300	3,018	1,890	876	571	333	407	553	421
Minnesota	1,084	2,342	1,562	700	357	111	196	242	186
Wisconsin	2,866	3,389	2,025	1,116	843	337	391	433	316
Pacific States	**2,028**	**2,901**	**6,905**	**8,798**	**14,149**	**10,693**	**13,244**	**13,141**	**10,522**
Washington	1,064	1,429	3,863	4,961	7,302	4,244	4,490	4,350	3,258
Oregon	446	735	1,899	2,577	4,784	4,765	6,401	6,322	5,004
California and Nevada	[3] 518	738	[3] 1,144	[3] 1,259	2,063	1,685	[3] 2,353	2,469	2,261
Rocky Mountain States	**249**	**556**	**1,292**	**1,299**	**1,843**	**1,336**	**1,738**	**1,811**	**1,550**
Montana	90	256	309	287	389	271	424	448	342
Idaho	28	65	646	765	1,029	675	890	911	780
Arizona	5	36	63	74	175	119	152	172	158
New Mexico	26	31	92	87	148	106	109	105	99
Colorado	80	134	142	65	72	84	89	87	88
Utah	14	18	13	12	5	15	27	29	29
Wyoming	6	17	29	9	26	65	48	59	54
All other	**612**	**401**	[4] **179**	[4] **85**	**81**	**51**	**127**	**116**	**132**
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	5.4	6.3	6.7
Central States	13.1	16.1	12.3	8.7	6.4	4.9	8.1	8.5	7.9
Southern States	15.6	24.0	33.2	36.8	33.8	30.2	28.9	24.9	28.2
North Carolina Pine States	4.7	7.7	11.6	9.8	8.1	9.5	10.7	10.8	10.4
Lake States	34.6	24.9	12.3	7.8	4.8	3.1	2.9	3.7	3.3
Pacific States	8.5	8.3	15.5	25.5	38.4	42.8	38.6	39.9	37.4
Rocky Mountain States	1.0	1.6	2.9	3.8	5.0	5.3	5.1	5.5	5.5
All other	2.6	1.1	.4	.2	.2	.2	.4	.4	.5

[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 M13G.

No. 794.—Lumber—Average Mill Value per 1,000 Board Feet: 1899 to 1943

[See headnote, table 792]

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	38.04	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	25.24	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 M 13G.

No. 795.—Lumber and Shingles—Production, for Alaska: 1899 to 1945

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	1,168
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
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
1945	35	59,056	51,623	6,258	1,175	----------	565

[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 M 13G.

No. 796.—Stumpage and Log Sale—Number of Transactions, Quantity and Average Price, by Type of Sale and Kind of Wood: 1945

[**Quantities in millions of board feet; average price per 1,000 board feet.** Reports of sales of stumpage and logs of Eastern species in 1945 were fragmentary and may not reflect actual average prices]

Type of sale and kind of wood	Stumpage			Logs		
	Transactions	Quantity	Average price	Transactions	Quantity	Average price
Total	5,179	11,067	$3.33	2,774	3,615	$24.90
Softwoods, total	3,705	10,572	3.02	1,842	3,453	24.22
Individual softwoods	3,312	8,703	3.15	1,733	2,933	24.32
Cedar: Incense	78	70	1.78	7	3	13.54
Western red	102	153	3.57	134	219	23.64
All other	34	54	12.00	(1)		
Cypress	3	1	8.62	5	2	23.77
Douglas fir	1,012	4,590	2.77	656	1,600	25.43
Fir: Balsam	47	27	4.62	4	1	33.28
White	170	482	2.06	125	75	22.25
Hemlock: Eastern	75	87	3.43	50	31	30.25
Western	157	843	1.50	133	490	23.41
Larch	75	26	1.95	58	23	18.35
Pine: Jack	44	8	4.63	13	1	26.92
Lodgepole	30	3	2.83	14	1	20.32
Norway	17	2	6.51	(1)		
Ponderosa	499	1,566	4.21	170	204	21.34
Sugar	114	183	4.32	13	13	13.74
White: Eastern	173	43	8.32	89	9	28.93
Western	35	14	4.53	48	7	26.52
Yellow	398	183	9.38	40	88	18.83
Redwood	72	267	2.38	22	21	19.18
Spruce: Eastern	83	49	6.43	36	4	35.87
Engelmann	39	7	2.64	17	3	18.99
Sitka	50	44	3.42	87	138	25.81
Other individual softwoods	5	(2)	9.65	12	(2)	32.61
Flat-rate softwoods	393	1,870	2.37	109	520	23.67
Hardwoods, total	1,228	251	9.93	901	112	44.04
Individual hardwoods	892	155	10.74	838	96	45.33
Alder	26	11	.97	19	6	30.88
Ash	35	2	14.29	55	1	42.29
Basswood	40	3	11.72	81	3	64.81
Beech	52	4	10.20	42	3	31.79
Birch	55	35	17.47	88	16	76.60
Cherry	(1)			(1)		
Chestnut	(1)			(1)		
Cottonwood	91	9	3.36	103	18	24.42
Elm	45	2	7.89	83	3	51.13
Hickory	17	1	10.14	(1)		
Magnolia	(1)					
Maple	150	41	8.39	160	23	46.56
Oak	250	31	12.19	94	8	35.56
Gum: Black	(1)			(1)		
Red	39	12	9.04	31	10	38.54
Tupelo	(1)			(1)		
Sycamore	(1)			(1)		
Walnut	(1)			(1)		
Yellow poplar	44	3	14.78	20	2	53.28
Other individual hardwoods	48	1	12.77	62	2	35.33
Flat-rate hardwoods	336	97	8.62	63	16	36.33
Mixed hard and softwoods	246	242	10.23	31	50	28.86

[1] Included in other individual sales.
[2] Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service, not published elsewhere.

No. 797.—Lath and Shingles—Production: 1899 to 1945

[**Lath in thousands and shingles in squares.** Shingles reported in thousands prior to 1933 and converted to squares on basis of 800 shingles to square. See headnote, table 792 for explanation of lack of comparability of statistics. Data for shingles 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	1935	620, 038	4, 416, 709
1909	3, 703, 195	18, 634, 214	1936	810, 909	5, 901, 692
1919	1, 724, 078	11, 490, 880	1937	839, 085	[1] 5, 649, 792
1926	3, 083, 130	7, 510, 432	1938	583, 777	[1] 6, 319, 236
1927	2, 372, 333	8, 054, 835	1939	562, 207	[1] 6, 500, 242
1928	1, 903, 887	7, 004, 612	1940	523, 428	[1] 6, 126, 230
1929	1, 705, 858	7, 638, 340	1941	521, 406	[1] 5, 957, 040
1930	1, 097, 255	4, 955, 138	1942	306, 959	[1] 5, 266, 673
1931	614, 250	3, 392, 465	1943	189, 512	[1] 3, 736, 961
1932	406, 089	2, 639, 125	1944 [2]	132, 859	[1] 3, 587, 602
1933	408, 192	3, 662, 250	1945	113, 268	[1] 3, 156, 613
1934	416, 308	3, 477, 063			

[1] Includes data for shakes.
[2] Data incomplete since mills idle during war were not canvassed for 1944 production.

No. 798.—Lath and Shingles—Production by States: 1942 to 1945

[**Lath in thousands and shingles in squares.** See headnote, table 797]

STATE	LATH				SHINGLES [1]			
	1942	1943	1944	1945	1942	1943	1944	1945
Alabama	6, 075	1, 663	----------	(2)	5, 233	1, 198	(2)	(2)
Arkansas	7, 393	2, 548	(2)	(2)	2, 085	726	(2)	(2)
California	12, 908	10, 185	(2)	5, 651	55, 235	45, 090	63, 371	89, 328
Florida	26, 302	5, 943	(2)	(2)	14, 331	6, 215	(2)	(2)
Georgia	----------	----------	(2)	----------	14, 862	2, 763	(2)	(2)
Idaho	31, 157	19, 741	19, 620	17, 192	19, 104	15, 975	21, 721	24, 522
Louisiana	16, 521	10, 853	6, 436	(2)	4, 393	3, 228	(2)	----------
Maine	7, 923	2, 671	(2)	16, 629	30, 187	42, 745	24, 898	33, 079
Michigan	5, 166	2, 759	(2)	(2)	17, 923	12, 928	(2)	(2)
Minnesota	4, 937	1, 818	(2)	5, 543	2, 630	714	(2)	(2)
Mississippi	7, 131	4, 715	(2)	(2)	348	115	----------	----------
Montana	11, 691	8, 024	7, 300	(2)	9, 491	3, 081	(2)	(2)
North Carolina	724	714	(2)	(2)	26, 361	15, 467	24, 548	17, 444
Oregon	57, 281	43, 439	39, 918	25, 394	795, 198	656, 329	636, 425	686, 337
South Carolina	996	264	----------	(2)	13, 234	6, 379	(2)	(2)
Texas	9, 891	10, 181	----------	(2)	8, 486	5, 065	(2)	----------
Virginia	5, 554	3, 905	(2)	(2)	10, 410	136	(2)	(2)
Washington	62, 774	44, 951	24, 866	20, 284	4, 201, 464	2, 903, 178	2, 788, 340	2, 288, 219
West Virginia	2, 969	444	----------	(2)	----------	188	----------	----------
Wisconsin	12, 715	9, 864	[3] 9, 302	(2)	24, 135	9, 504	(2)	(2)
All other	16, 851	4, 830	[3] 25, 416	22, 575	11, 563	5, 937	[3] 28, 299	17, 684

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

Source of tables 797 and 798: 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 M13G.

No. 799.—Veneer and Plywood—Log Consumption and Production: 1943 to 1946

[No later data for hardwood veneer and plywood; survey suspended]

Log consumption (M ft., log scale)			Veneer and plywood production		
Kind of wood	1943	1944	Type of veneer and plywood	1943	1944
Hardwood, total	934,860	885,960	**Hardwood veneer (M sq. ft., surface measure)**	9,870,597	9,270,351
Mahogany	26,252	23,004	Aircraft and boat	1,627,145	629,708
Sweet gum	261,534	240,962	Commercial	3,066,269	3,315,069
Black gum [1]	175,757	167,044	Container	5,177,183	5,325,574
Birch	76,350	63,692	**Hardwood plywood (M sq. ft., surface measure)**	1,211,814	1,166,243
Maple	60,418	58,183	Aircraft and boat	141,868	50,472
Yellow poplar	66,769	53,623	Commercial	563,930	625,662
Beech and elm	32,160	33,507	Container	506,016	490,109
Cottonwood and sycamore	49,727	55,462	Softwood plywood (M sq. ft., ⅜″ equivalent) [3]	1,495,168	1,484,889
All other woods [2]	185,893	190,483			
Softwood [3]	654,478	646,946			
	1945	1946		1945	1946
Softwood [3]	545,762	642,018	Softwood plywood (M sq. ft., ⅜″ equivalent) [3]	1,222,382	1,436,455

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

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series 16-3 and M13B.

No. 800.—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)		Class	1929	1935	1937	1939
	Tight	Slack	Tight	Slack					
1909	379,231	2,029,548	20,691	140,234	**Tight staves (thousands)**	357,353	221,619	205,286	182,431
1919	353,825	1,121,324	24,274	87,381					
1927	324,127	961,782	26,445	59,337	Whisky, spirit, and wine	16,292	60,887	65,629	48,724
1929	357,353	1,039,450	30,329	72,591	Oil, tierce, and pork	185,801	83,503	76,915	60,274
1931	204,624	537,177	20,090	43,375	Beer and ale	(1)	3,467	2,615	1,956
1933	154,575	426,585	13,031	37,461	Other and not specified	155,260	73,762	60,127	71,477
1935	221,619	439,970	15,259	35,992					
1937	205,286	574,768	13,377	54,318	**Tight heading (thousand sets)**	30,329	15,259	13,377	14,277
1939	182,431	526,315	14,277	46,465					
1939					Whisky, spirit, and wine	1,381	4,371	2,910	1,991
					Oil, tierce, and pork	21,195	4,865	4,241	4,520
Douglas fir	19,573	26,018	1,445	1,639	Beer and ale	(1)	145	418	124
Elm	(1)	35,977	(1)	7	Other and not specified	7,753	5,878	5,808	7,642
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					

[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. 801.—Pulpwood—Consumption by Mills and Mill Cost

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

YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST	
		Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord
1899	1,986,310	9,838	$4.95	1927	6,750,935	95,452	$14.14	1939	10,816,466	84,539	$7.82
1909	4,001,607	34,478	8.62	1929	7,645,011	100,054	13.09	1940	13,742,958	109,740	7.99
1919	5,477,832	87,386	15.95	1931	6,722,766	73,524	10.94	1943	15,644,500	(1)	(1)
1921	4,557,179	91,589	20.10	1933	6,581,674	48,508	7.37	1944	16,757,400	(1)	(1)
1923	5,872,870	95,306	16.23	1935	7,628,274	58,244	7.64	1945	16,911,861	(1)	(1)
1925	6,093,821	94,340	15.48	1937	10,393,800	82,885	7.97	1946	17,817,560	(1)	(1)

KIND 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 802 concerning later data.

No. 802.—Pulpwood—Consumption, by Kind of Wood: 1943 to 1946

[**Cords of 128 cu. ft. (rough wood basis).** Data cover domestic and imported wood. Comparable data for detail shown in table 801 not available]

KIND OF WOOD	1943	1944	1945	1946
Total	**15,644,500**	**16,757,400**	**16,911,861**	**17,817,560**
Softwoods, total	**13,477,074**	**13,931,075**	**14,519,870**	**15,384,176**
Spruce and fir	3,633,239	3,290,466	(1)	(1)
Hemlock	2,081,609	2,246,833		
Pine	7,343,615	7,994,650		
Western fir	243,891	260,643		
Western spruce	174,720	138,483		
Hardwoods, total	**1,287,983**	**1,550,117**	**2,391,991**	**2,433,384**
Aspen	687,486	661,710	(1)	(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 kind not available.
[2] Includes hardwoods and softwoods not classified by kind.

Source: Data for 1943, 1944 and the first eight months of 1945 collected and compiled by War Production Board Thereafter, compiled by Dept. of Commerce. Bureau of the Census. 1945 and 1946 data published in Facts for Industry Series M14A.

No. 803.—Wood Pulp and Paper and Paperboard—Production: 1899 to 1946

[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 (new basis)[2]	Paper and paperboard (new basis)[3]
1899	1,179,525	2,167,503	1935	4,925,669	10,479,095		
1909	2,495,523	4,216,708	1936	5,695,219	11,975,552		
1914	2,893,150	5,270,047	1937	6,572,918	12,837,003		
1919	3,517,952	6,098,530	1938	5,933,560	11,380,814		
1921	2,875,601	5,431,265	1939	6,993,334	13,509,642		
1923	3,788,672	8,029,482	1940	8,851,740	14,483,709	8,959,559	
1925	3,962,217	9,182,204	1941	10,046,193	17,093,092	10,375,422	[4] 17,933,607
1927	4,313,403	10,002,070	1942	10,364,175	16,477,663	10,783,430	[4] 17,083,862
1929	4,862,885	11,140,235	1943	9,175,013	16,501,597	9,680,462	17,035,688
1931	4,409,334	9,381,840	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
1934	4,436,128	9,186,598	1946			10,606,527	19,277,667

[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 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, Facts for Industry Series M14A.

No. 804.—Wood Pulp—Production, by States and by Process: 1909 to 1946

[Tons of 2,000 pounds]

STATE AND PROCESS	1909	1919	1929	1939	1943[1]	1944[1]	1945[1]	1946
Total	**2,495,523**	**3,517,952**	**4,862,885**	**6,993,334**	**9,680,462**	**10,108,443**	**10,167,200**	**10,606,527**
Alabama	(2)	(2)	(2)	(2)	[3] 393,776	[3] 430,663	[3] 456,877	[3] 455,837
Florida	(2)	(2)	(2)	449,162	625,690	655,148	689,364	694,594
Louisiana		(2)	246,590	589,672	866,953	929,313	949,221	989,366
Maine	620,705	916,764	981,433	941,273	1,103,770	1,043,209	1,097,939	1,185,232
Michigan	64,369	106,194	178,015	200,325	195,048	206,754	201,811	219,873
Minnesota	37,295	129,560	189,664	169,665	339,967	338,501	337,332	318,605
Mississippi	(2)	(2)	(2)	(2)	437,951	453,114	477,199	463,456
New Jersey	(2)	(2)	(2)	(2)	31,701	46,158	52,304	62,700
New Hampshire	212,599	232,134	212,774	(2)	191,551	179,129	182,964	177,434
New York	679,534	811,958	662,988	460,652	509,762	497,252	497,314	555,847
North Carolina	(2)	(2)	(2)	179,636	[4] 858,526	[4] 917,112	[4] 880,219	[4] 923,926
Pennsylvania	135,525	215,686	213,083	193,958	250,534	267,969	262,498	272,598
Vermont	(2)	(2)	(2)	(2)	15,694	20,508	17,653	(2)
Virginia	48,641	(2)	206,050	402,929	[5] 610,085	[5] 657,312	[5] 612,085	[5] 647,172
Washington	(2)	83,575	523,948	1,126,114	1,153,177	1,256,374	1,265,436	1,332,940
Wisconsin	324,509	506,549	733,617	655,816	835,076	857,986	875,408	889,139
Other States	372,346	515,532	714,723	1,633,132	1,261,201	1,351,941	1,311,576	1,417,808
ALL PROCESSES								
Groundwood	1,179,266	1,518,829	1,637,653	1,444,875	1,556,810	1,638,761	1,696,184	1,811,622
Defibrated, exploded, asplund fiber and similar grades[6]					627,249	662,668	690,675	761,544
Sulphite	1,017,631	1,449,829	1,681,511	1,946,452	2,436,502	2,386,149	2,359,731	2,476,468
Sulphate		120,378	918,084	2,962,657	4,235,724	4,548,810	4,471,875	4,588,016
Soda	298,626	411,693	520,729	441,565	418,868	412,755	429,757	476,211
Semi-chemical, off quality, screenings and misc		47,223	104,908	197,785	405,309	459,300	518,978	492,666

[1] New basis, see table 803.
[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 for 1939 and earlier years only a small proportion of total.

Source: Department of Commerce Bureau of the Census; reports of Biennial Census of Manufactures; 1943 production by process, from Pulp and Paper Series—Special Report D; annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

No. 805.—Paper and Paperboard—Production, by Type and by Major Use: 1941 to 1946

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

TYPE AND MAJOR USE	1941	1942	1943	1944	1945	1946
All types	17,933	17,084	17,036	17,183	17,371	19,278
Printing and fine papers, total	4,663	4,337	4,010	3,724	3,863	4,642
Newsprint	1,044	967	811	721	725	773
Groundwood printing and specialty paper, total	642	610	586	593	636	776
Hanging	132	107	66	81	89	474
Printing	203	218	238	226	257	252
Other groundwood papers	308	285	282	286	290	50
Bookpaper, total	2,026	1,704	1,593	1,436	1,493	1,933
General printing	1,377	1,216	1,150	1,034	1,111	1,458
Converting	643	481	437	400	380	457
Other bookpaper	6	7	7	2	2	18
Fine papers, total	950	1,055	1,021	974	1,009	1,160
Writing paper, total	738	770	744	727	756	902
Rag content	109	123	117	129	135	176
Chemical wood pulp	629	647	628	598	620	726
Reproduction	(1)	62	64	50	43	(2)
Cover	37	36	38	45	45	64
Text	25	10	10	8	14	29
Bristols (except bogus)	100	109	99	84	88	97
Thin	50	59	54	58	60	65
Other fine paper	-------	9	11	3	3	3
Coarse and industrial papers, total [3]	2,841	2,778	2,558	2,650	2,730	3,065
Coarse wrapping, bag, and converting papers, total	2,605	2,526	2,262	2,314	2,403	2,690
Wrapping papers, total	1,048	1,048	832	789	854	921
Bag paper	720	661	518	375	365	524
Converting papers	568	566	597	758	760	695
Multi-wall and shipping sack paper	270	251	315	392	424	550
Special industrial paper and paperboard [3]	173	188	208	245	238	272
Absorbent paper	62	65	88	90	89	103
All other paper, total	942	998	969	965	981	1,044
Sanitary paper, total	738	811	806	808	824	860
Toweling stock	195	191	190	193	205	211
Toilet tissue stock	333	415	415	414	416	401
Napkin stock	86	78	76	74	76	92
Facial tissue stock	85	89	84	80	80	114
Other sanitary papers	39	39	41	48	47	42
Tissue paper	175	171	163	158	157	184
Paper not elsewhere classified	29	16	(4)	-------	-------	-------
Construction material, total	1,850	2,053	1,941	1,969	2,006	2,293
Building paper, total	918	1,001	878	881	883	1,021
Felts	767	842	722	758	765	896
Asbestos and asbestos filled	99	95	103	85	78	96
Other building papers	52	64	53	39	40	29
Building board	[5] 932	[5] 1,052	1,064	1,087	1,123	1,272
Paperboard for packaging, total	7,265	6,464	6,964	7,095	7,122	7,626
Container board	4,184	3,755	4,088	4,228	4,131	4,315
Folding boxboard	1,842	1,712	2,047	2,116	2,270	2,708
Set-up boxboard	[6] 1,239	997	829	750	721	603
Miscellaneous paperboard, total	374	453	592	780	669	607
Cardboard	80	54	64	70	71	89
All other paperboard	294	399	529	711	599	517

[1] Reported in bookpaper and paper not elsewhere classified.
[2] Reported as writing paper.
[3] 1944 figures include production of special industrial boards; figures for other years represent production of special industrial paper, only.
[4] Less than 500 tons.
[5] Includes estimated production of insulating board for 1 mill. Estimates made on assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943.
[6] 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, Facts for Industry Series M14A.

No. 806.—Turpentine and Rosin—Production, 1899 to 1946, and by States, 1942 to 1946

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	19,228,174	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
1945–46	24,406,550	12,212,600	12,193,950	1,452,036	[8] 694,476	757,560

State	Production from crude gum [1]							
	Turpentine (gallons)				Rosin (drums 520 lbs. net) [9]			
	1942–43	1943–44	1944–45	1945–46	1942–43	1943–44	1944–45	1945–46
Alabama	1,000,700	829,500	698,650	686,750	53,245	44,490	38,997	38,550
Florida	3,450,900	3,272,250	2,881,200	2,199,300	183,827	175,639	160,774	123,537
Georgia	11,169,650	9,931,850	8,376,900	9,035,750	595,037	532,953	467,477	507,526
Mississippi	226,000	176,400	160,400	154,950	12,004	9,439	8,962	8,711
Louisiana, Texas	50,800	46,000	33,350	45,500	2,658	2,476	1,847	2,538
North Carolina, South Carolina	198,450	163,100	109,200	90,350	10,632	8,745	6,089	5,076

[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; 1945–46, 8,538.
[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.

26. Fisheries

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. 807.—Fisheries—Summary of Total Catch and Value: 1930 to 1946

[Includes Alaska beginning with 1941, data partly estimated]

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	1941	5, 080, 341	134, 172
1931	2, 657, 317	77, 344	1942	3, 876, 524	170, 338
1932	2, 634, 704	55, 532	1943	4, 202, 281	204, 029
1937	4, 352, 549	100, 845	1944	4, 504, 522	207, 292
1938	4, 253, 445	93, 547	1945	4, 600, 000	239, 000
1939	4, 443, 328	96, 532	1946	4, 400, 000	253, 000
1940	4, 059, 524	98, 957			

No. 808.—Fisheries—Catch, by Sections

SECTION	Year	Fishermen	Fishing vessels	Fishing boats	CATCH	
					Quantity	Value to fishermen
		Number	*Number*	*Number*	*1,000 pounds*	*1,000 dollars*
New England States	1943	16, 755	667	7, 391	645, 590	43, 003. 2
Middle Atlantic States	1944	7, 682	427	2, 905	422, 980	21, 329. 9
Chesapeake Bays States	1942	10, 679	291	6, 891	202, 240	10, 061. 0
South Atlantic and Gulf States	1940	27, 941	1, 145	14, 744	575, 533	14, 644. 9
Pacific Coast States	1944	25, 125	1, 867	7, 094	1, 677, 695	59, 794. 6
Great Lakes States	1944	[1] 5, 142	[1] 499	[1] 1, 785	75, 688	10, 948. 2
Mississippi River States	1931	15, 884	----------	14, 546	82, 383	2, 897. 3
Alaska	1945	8, 261	936	2, 746	596, 052	22, 288. 1

[1] Data for 1940.

Source of tables 807 and 808: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 809.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1944

[Values represent the value of fish to fishermen]

Calendar year	New England states					
	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
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	705,085	36,293.6	168,392	5,229.2	1,652	332.0
1943 [1]	645,590	43,003.2	133,920	7,010.1	3,128	611.5
	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
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	509,099	28,377.5	12,889	1,366.6	13,053	988.3
1943 [1]	477,012	32,328.5	16,134	1,619.6	15,396	1,433.5

Calendar year	Middle Atlantic states									
	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
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	7,651.0	91,959	4,216.2	160,554	2,956.9	23	2.4	103,017	475.4
1942	319,193	12,468.2	84,396	6,613.1	145,120	5,080.9	26	1.8	89,651	772.4
1943	321,026	18,045.8	84,898	10,358.8	148,860	6,752.3	--------	--------	87,268	934.7
1944 [1]	422,980	21,329.9	102,632	11,523.7	166,051	8,271.2	--------	--------	154,297	1,535.0

Calendar year	Chesapeake Bay states					
	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	265,827	5,524.5	48,235	2,003.6	217,592	3,520.9
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	5,971.8

Calendar year	South Atlantic states									
	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
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 yet available.

No. 809.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1944—Continued

Calendar year	Gulf states: 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
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
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

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
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	17,933.6
1943	1,453,263	57,322.7	155,310	17,859.5	70,289	7,780.6	1,227,664	31,682.5	594,645	20,505.9
1944 [1]	1,667,695	59,794.6	154,402	16,559.3	71,026	7,936.3	1,442,267	35,299.0	561,199	20,413.5

Calendar year	Great Lakes [2]: 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
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	1,498.3	21,404	3,203.8	8,465	1,011.5	24,131	2,740.6
1943	78,221	12,267.6	18,372	2,214.8	22,174	4,597.7	8,610	1,075.3	27,114	4,134.3
1944 [1]	75,688	10,948.2	19,245	2,246.4	19,252	4,341.9	6,432	831.7	28,837	3,320.0

[1] Later data not yet available. For 1945 data for Alaska, see table 808.
[2] Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.
[3] Includes, in addition to 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. 809.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1944—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

CALENDAR 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	[5] 777	[5] 49.9
1899 [4]	96,797	1,781.0	Atchafalaya	4,579	254.7	9,231	523.1
1903 [4]	93,374	1,841.2	Cumberland	728	14.7	106	13.0
1908 [4]	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	[5] 1,311	[5] 57.8
1903	53,851	1,157.4					
1922	33,945	1,645.3					
1931	28,139	1,076.3					

[4] Excluding Atchafalaya River. [5] Including tributaries.

No. 810.—Fisheries—Catch of Principal Species: 1931 to 1946

[In thousands of pounds. Includes Alaska]

GROUP AND SPECIES	1931	1937	1939	1941	1942	1943	1944	1945	1946
FISH									
Cod	112,303	154,282	124,347	(1)	73,456	71,643	(1)	(1)	(1)
Haddock	182,561	171,769	170,975	177,659	145,687	125,693	142,692	151,927	156,000
Herring, sea	169,574	261,651	262,810	(1)	145,779	154,545	(1)	(1)	235,000
Mackerel	61,645	87,537	113,503	(1)	103,628	134,308	(1)	(1)	107,000
Menhaden	230,398	482,137	575,480	775,087	474,821	615,554	685,980	759,074	950,000
Pilchard or sardine	300,204	1,139,505	1,240,975	1,328,378	974,680	986,563	1,135,582	831,990	515,870
Salmon	601,095	689,074	526,978	629,480	508,598	500,613	430,997	421,000	447,500
Tuna and tunalike	60,059	163,671	182,165	135,720	121,791	130,043	170,053	182,663	223,000
Rosefish	237	58,357	78,206	(1)	128,107	114,744	(1)	(1)	180,000
SHELLFISH									
Crabs	83,701	95,819	109,414	(1)	(1)	(1)	(1)	(1)	(1)
Shrimp	99,432	143,448	150,250	(1)	(1)	(1)	(1)	(1)	(1)
Oysters	101,036	95,627	93,006	(1)	(1)	(1)	(1)	(1)	(1)
Whale products	--------	10,174	5,159	495	806	496	99	--------	--------

[1] Complete data not available.

No. 811.—Fisheries—Disposition of Domestic Catch: 1941 to 1946

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

FORM MARKETED	ROUND WEIGHT OF CATCH (thousands of pounds)					
	1941	1942	1943	1944	1945	1946 [1]
Total	5,080,000	3,877,000	4,202,000	4,504,000	4,570,000	4,396,000
Fresh and frozen	1,660,000	1,407,000	1,547,000	1,589,000	1,841,000	1,651,000
Canned	1,645,000	1,230,000	1,150,000	1,225,000	1,230,000	1,220,000
Cured	125,000	115,000	105,000	110,000	110,000	115,000
Byproducts, bait, etc.	1,650,000	1,125,000	1,400,000	1,580,000	1,388,000	1,410,000

[1] Preliminary.
Source of tables 809, 810, and 811: Department of the Interior, Fish and Wildlife Service; annual bulletins.

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No. 812.—Landings by Fishing Craft at Principal Atlantic Ports: 1942 to 1946

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
1946	158,152	35,655	71,414	2,205	13,028	391	6,684	14,081	5,195	8,035	1,464
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
1946	217,968	16,898	16,188	4,286	18,393	844	8,857	15,498	130,900	3,989	2,115
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
1946	90,324	11,568	33,020	323	1,394	2	8	2,252	195	31,364	10,198
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
1946	35,612	3,244	727	2,886	3,013	367	2,773	637	20,893	657	415
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
1946	18,015	1,486	7,530	109	149	(1)	98	375	-------	3,270	4,998
	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
1946	13,693.8	2,779.5	7,385.3	151.7	562.2	24.0	300.4	1,106.0	236.3	665.9	482.3
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	1,215.1	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
1946	10,822.3	1,146.8	1,260.8	200.2	714.2	46.1	374.5	753.7	5,839.6	251.1	235.4
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
1946	12,241.4	930.4	2,951.2	21.1	84.1	(1)	(1)	177.4	8.6	2,874.3	5,194.0
Portland, 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
1946	1,618.7	233.1	68.5	174.2	122.6	22.9	51.0	37.3	820.7	38.2	50.2

[1] Less than 500 pounds or $500.

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

No. 813.—Canned Fishery Products, Fish Meal, and Fish Oil—Production and Value: 1937 to 1945

[Includes Alaska]

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, 549	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, 324	17, 771	13, 237
1945	646, 386	152, 801	200, 675	14, 405, 338	23, 698	16, 034	11, 202

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

No. 814.—Canned Fishery Products—Production and Value: 1933 to 1946

[Includes Alaska]

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, 549	280, 080	55, 219	168, 508	52, 500	32, 454	14, 450	21, 331	7, 326	28, 681
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	646, 386	235, 596	51, 061	169, 469	88, 978	31, 174	3, 225	21, 502	3, 164	42, 217
1946 [1]	657, 280	211, 397	60, 490	137, 254	97, 085	40, 960	5, 855	(2)	(2)	(2)
	Value (thousands of dollars)									
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
1945 [3]	152, 801	52, 586	11, 520	15, 346	47, 407	4, 047	1, 919	7, 391	2, 030	10, 555

[1] Preliminary.
[2] Net yet available.
[3] 1946 values not yet available.

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

No. 815.—Fresh and Frozen Packaged Fish—Production, by Principal Species: 1929 to 1945

[Includes Alaska]

Year	Total	Cod	Flounders	Haddock	Rosefish	Whiting [1]	Other
	Quantity (thousands of pounds)						
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
1945 [4]	204,927	28,864	19,961	44,197	35,456	29,959	46,490
	Value (thousands of dollars)						
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
1945 [4]	48,371	7,452	6,086	12,349	7,673	3,098	11,713

[1] Data incomplete for years prior to 1938. [2] Excludes California production. [3] Estimated.
[4] Excludes California production. In 1941, 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. 816.—Frozen Fishery Products—Production: 1937 to 1946

[**In thousands of pounds.** Includes Alaska. Through 1942 for month ending on 15th, thereafter for calendar month. For cold storage holdings, see table 775]

Month	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Total	**168,224**	**186,096**	**183,408**	**196,155**	**246,588**	**247,165**	**246,053**	**266,537**	**286,001**	**280,065**
January	8,081	9,207	6,714	8,849	8,077	8,740	6,740	9,021	4,925	6,228
February	3,953	5,769	6,465	6,895	7,604	6,559	6,792	8,813	4,191	6,231
March	4,194	5,219	4,460	6,324	5,838	7,018	9,150	11,262	6,890	11,077
April	7,517	9,082	6,903	5,664	8,568	10,376	9,958	17,375	12,962	12,504
May	10,345	18,248	15,240	11,772	18,910	22,669	22,220	32,640	27,630	34,375
June	24,176	19,377	21,163	23,200	25,698	25,459	36,025	34,849	39,392	38,203
July	20,969	22,430	22,689	25,064	30,819	34,038	34,438	40,573	42,856	43,269
August	16,847	20,896	22,442	24,616	34,208	35,634	34,766	32,602	45,623	37,940
September	15,718	20,624	20,485	23,707	28,562	28,564	26,913	28,004	33,257	27,372
October	19,179	17,002	17,024	21,558	27,226	26,281	18,806	23,733	27,472	29,983
November	20,929	22,536	18,434	22,190	29,482	22,701	24,948	18,104	26,212	20,308
December	16,316	15,706	21,389	16,316	21,596	19,126	15,297	9,561	14,591	12,575

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

No. 817.—Fishery Products—Imports and Exports: 1934 to 1944

Year	Imports				Exports			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
	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
1944	78,519	339,431	53,431	25,088	36,033	112,230	31,929	4,104

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

No. 818.—Fish Propagation by Fish and Wildlife Service—Output of Eggs, Fry, and Fingerlings, 1895 to 1945, and by Species, 1945

[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
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
1945 (Dec. 31)	5,454,558	3,176,357	2,203,672	74,529	214.15

Species	1945			Species	1945		
	Eggs	Fry	Fingerlings		Eggs	Fry	Fingerlings
Catfish			681	Grayling	1,710		3
Blue catfish			(2)	Northern pike	14,110	920	2
Channel catfish		110	137	Crappie			1,106
Buffalofish	75,000		102	Largemouth black bass		3,429	5,728
Shad		21,370		Smallmouth black bass		894	160
Whitefish		700		Rock bass			55
Lake herring		2,250		Warmouth bass			5
Striped bass		279		Bluegill sunfish		153	12,401
Atlantic salmon			91	Red-eared sunfish			1,638
Chinook salmon	4,528	10,507	27,533	Rio Grande perch			(2)
Chum salmon		2,452	80	Pike-perch	300	29,425	276
Silver salmon	88	916	1,600	Yellow perch	308	1,540	56
Sockeye salmon	355		1,662	White bass			(2)
Landlocked sockeye salmon	157		86	White perch		1,035	
Landlocked salmon			62	Cod	1,981,367	206,616	
Steelhead trout	181		208	Haddock	153,000		
Rainbow trout	11,118	643	8,891	Flounder		1,721,295	
Cut-throat trout	14,762	3,661	2,827	Pollock	904,051	191,827	
Loch Leven, or brown trout	1,297	74	2,477	Lobster		2,986	103
Lake trout	5	180	1,156	Terrapin	(2)		12
Brook trout	14,021	411	5,390				

[1] Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in fish-cultural field services and administrative and clerical force.

[2] Less than 500.

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

27. Mining and Mineral Products

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only the crude and prepared minerals associated with the mineral extraction, but also some of the finished products manufactured from minerals. Statistics relating to the manufacture of mineral products are also included in section 29, Manufactures. Additional information relating to the mineral industries and mineral products appear also in other sections of this Abstract such as the section on labor force, prices, foreign commerce, and others.

Most of the statistics in this section are from the Bureau of Mines and the Bureau of the Census, with additional material from other Government agencies such as the Bureau of Labor Statistics, Bureau of the Mint, and the Interstate Commerce Commission and from non-Government sources such as the Engineering and Mining Journal, American Metal Market, the Iron Age, and the American Gas Association. Data in this section cover the following areas unless otherwise indicated: Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; Bureau of Census statistics, continental United States; foreign trade statistics, the United States customs area, which includes Alaska, Hawaii, Puerto Rico, and for 1935 to 1939, the Virgin Islands.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. The principal statistics have been published annually through 1931 in Mineral Resources of the United States and thereafter in the Minerals Yearbook. Data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered, by method of treatment; and mineral content of materials produced. Data on production are sometimes available by method of extraction. Shipments or sales of products are classified in many cases by grade, by end use, or by State of destination. The Bureau of Mines also collects and publishes separate data on employment and accidents. The number of workers and man-days or man-hours worked, as measures of exposure to accidents, are tabulated only for broad industry groups.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The statistics are collected and published in the Census volumes in such a manner as to relate the statistics on the production of the various minerals as nearly as possible to data on employment, principal expenses, fuels and power consumed, and other information available only for each establishment as a whole. Each establishment is classified according to its most valuable product. The data are also collected and compiled in a manner to permit integration with other Census statistics such as for manufactures and wholesale and retail trade. Data are available on the number of operations, quantity and value of products, number of persons engaged (sometimes by department or type of work), principal expenses (wages, salaries, cost of supplies and materials, fuel, purchased electric energy, and work done on contract), horsepower of power equipment, and sometimes other items, such as man-hours, cost of buildings, machinery and equipment, number and type of power-loading machines, cost of drilling oil and gas wells, development work, and capital invested. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

To avoid misinterpretation, it should be noted that the Census of Mineral Industries statistics in tables 823–825 relate to operations primarily engaged in extracting minerals

and in such primary mineral-preparation activities (crushing, screening, washing, flotation, etc.) as are needed to render the minerals marketable. Many of the statistics collected by the Bureau of Mines represent products of operations beyond the limits covered by the Census of Mineral Industries. Value totals based on Bureau of Mines publications, as shown in tables 819 and 822, are not comparable with the Census value totals, as shown in tables 823–825. Census values represent crude or prepared minerals f. o. b. the mine, well, or mineral-preparation plant. Bureau of Mines value totals include for most metallic products the value of ingot metal rather than the value of ores and concentrates, the value of natural gas at points of consumption rather than at wells, and the value of such manufactured products as cement and lime rather than the value of the limestone used in producing them.

No. 819.—Mineral Products of the United States—Value, for Metallic and Nonmetallic: 1881 to 1945

[All figures in millions of dollars. See general note, p. 728]

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	1927	5,530	1,221	4,309	3,060	1,249
1886–1890	541	249	292	215	78	1928	5,385	1,288	4,097	2,885	1,212
1891–1895	592	245	347	248	99	1929	5,888	1,480	4,407	3,191	1,217
1896–1900	828	366	462	307	154	1930	4,765	986	3,779	2,765	1,015
1901–1905	1,392	578	814	546	267	1931	3,167	570	2,597	1,892	704
1906–1910	1,887	769	1,118	746	372	1932	2,462	286	2,176	1,743	432
1911–1915	2,220	821	1,400	967	433	1933	2,555	417	2,138	1,683	455
1916–1920	5,129	1,798	3,331	2,602	729	1934	3,325	549	2,776	2,233	543
1921–1925	5,151	1,154	3,997	2,943	1,054	1935	3,650	733	2,917	2,330	587
1926–1930	5,556	1,276	4,280	3,088	1,192	1936	4,557	1,082	3,475	2,759	716
1931–1935	3,032	511	2,521	1,977	544	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	8,072	2,488	5,584	4,608	976
1925	5,678	1,382	4,295	3,059	1,237	1944	8,419	2,340	6,079	5,178	901
1926	6,214	1,405	4,808	3,542	1,266	1945 (prel.)	8,143	1,975	6,168	5,212	956

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

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

No. 820.—Nonferrous Metals—Yearly Average Prices, by Kind: 1896 to 1946

[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
1921–1925	13.474	6.933	42.64	6.189	23.88	9.331	64.76	105.42
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	6.481	52.00	8.250	15.00	15.559	196.35	36.00
1943	11.78	6.500	52.00	8.250	15.00	15.928	195.21	35.08
1944	11.75	6.500	52.00	8.250	15.00	15.839	118.36	35.00
1945	11.75	6.500	52.00	8.250	15.00	15.839	134.89	35.00
1946	[9] 14.04	8.109	54.54	8.726	15.00	17.306	98.24	57.20

[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] Connecticut Valley.

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

No. 821.—Mineral Production, by States and for Alaska: 1939 to 1945

[Sum of State totals in table below does not agree with total for United States given in tables 819 and 822 chiefly because (1) figures for certain of products included in United States total are not available by States of origin; (2) use of iron ore values in State totals and pig iron values in United States total; (3) use of mine figures for gold, silver, copper, lead, and zinc in State totals and mint and smelter figures in United States total; and (4) inclusion of estimates in 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	1939	1940	1941	1942	1943	1944	1945
Continental United States	4,210,412	4,646,533	5,587,851	6,184,095	6,589,224	6,981,730	6,898,543
New England	25,460	24,902	29,918	26,450	21,558	21,352	20,964
Maine	3,770	4,375	4,692	3,614	2,720	2,146	2,483
New Hampshire	1,187	1,065	1,383	1,211	1,350	1,166	801
Vermont	6,972	6,980	8,132	7,266	6,404	7,672	8,233
Massachusetts	8,243	7,573	9,293	8,467	5,441	5,260	5,447
Rhode Island	981	995	1,133	836	808	612	508
Connecticut	4,306	3,914	5,285	5,055	4,835	4,496	3,492
Middle Atlantic	639,859	728,121	867,801	984,067	1,015,076	1,106,890	1,051,652
New York	78,410	76,120	91,583	103,298	88,416	87,632	90,286
New Jersey	30,442	33,654	39,075	38,921	37,583	33,794	31,253
Pennsylvania	531,008	618,348	737,144	841,847	889,077	985,464	930,113
East North Central	514,158	605,902	725,363	772,217	770,931	788,417	782,073
Ohio	120,682	130,655	164,827	175,549	189,422	192,052	196,633
Indiana	53,885	58,975	80,572	89,571	83,513	90,465	90,061
Illinois	210,798	277,943	320,510	327,665	322,050	330,971	332,489
Michigan	116,088	124,775	142,434	161,434	157,016	152,135	140,677
Wisconsin	12,705	13,554	17,021	17,998	18,930	22,794	22,213
West North Central	332,113	366,971	475,528	534,100	514,329	498,688	492,987
Minnesota	106,456	128,572	178,790	191,650	177,687	170,465	167,140
Iowa	25,170	26,007	28,872	28,278	24,187	22,462	24,820
Missouri	45,634	50,325	61,545	76,122	72,212	72,960	74,171
North Dakota	2,690	2,987	3,328	4,028	4,422	4,393	4,551
South Dakota	24,814	23,529	24,502	24,139	8,608	5,472	7,165
Nebraska	4,390	4,692	6,499	8,428	6,800	5,060	4,953
Kansas	122,960	130,860	171,992	201,454	220,413	217,876	210,187
South Atlantic	384,413	451,803	581,931	658,728	740,958	768,198	761,282
Delaware	401	457	493	402	367	182	131
Maryland	11,782	12,605	17,292	18,384	17,508	15,264	15,030
District of Columbia	592	640	700	600	100	111	229
Virginia	43,903	50,004	71,341	79,771	85,825	87,001	84,081
West Virginia	276,084	329,892	425,626	493,995	564,230	598,425	597,377
North Carolina	18,534	21,113	18,915	17,373	22,172	22,199	14,457
South Carolina	5,423	5,306	7,246	5,891	4,759	4,192	5,043
Georgia	14,634	16,932	21,049	22,009	20,927	18,972	19,939
Florida	13,060	14,854	19,269	20,304	25,070	21,852	24,995
East South Central	210,009	246,895	325,792	401,733	424,825	468,788	462,031
Kentucky	112,841	131,974	169,009	204,294	236,578	276,701	268,858
Tennessee	39,818	42,683	56,302	67,224	64,485	63,998	60,199
Alabama	52,158	64,998	82,730	100,223	102,584	109,149	111,158
Mississippi	5,192	7,240	17,751	29,993	21,178	18,940	21,816
West South Central	1,136,642	1,187,173	1,407,368	1,487,278	1,708,693	1,939,428	2,005,167
Arkansas	29,573	37,479	47,081	60,337	81,249	68,681	62,772
Louisiana	168,903	189,153	228,440	246,439	269,412	288,374	298,842
Oklahoma	236,194	235,535	263,764	271,298	254,642	260,832	282,859
Texas	701,972	725,005	868,083	909,203	1,103,390	1,321,541	1,360,694
Mountain	459,914	539,774	626,019	728,405	777,553	736,527	654,095
Montana	63,344	79,488	86,583	96,682	91,743	89,052	75,816
Idaho	33,138	40,800	45,674	54,290	57,475	51,321	44,348
Wyoming	39,413	43,074	52,751	64,070	70,737	74,175	81,105
Colorado	64,145	63,188	73,961	95,279	88,534	80,202	76,862
New Mexico	69,988	80,970	97,849	106,811	123,805	124,827	116,508
Arizona	75,088	85,291	100,473	117,991	124,584	115,592	98,553
Utah	80,128	104,393	122,387	146,969	164,150	149,558	129,386
Nevada	34,671	42,571	46,341	46,313	56,525	51,800	31,517
Pacific	507,845	494,992	548,133	591,117	615,301	653,442	668,292
Washington	31,596	28,090	28,507	35,660	37,593	36,483	31,588
Oregon	8,637	11,230	12,830	14,066	12,267	9,657	9,398
California	467,612	455,672	506,795	541,392	565,441	607,302	627,306
Alaska	25,674	28,724	26,809	20,094	9,055	6,903	10,210

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

No. 822.—Mineral Products of the United States—Quantities and Values: 1930 to 1945

[**Short tons are 2,000 pounds; long tons, 2,240 pounds.** 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 1945 are preliminary. Total values of metallic and nonmetallic products include figures which 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 totals to eliminate duplication, since values of products derived therefrom, or of raw materials used, are accounted for under other items]

PRODUCT	QUANTITY						VALUE (THOUSANDS OF DOLLARS)					
	1930	1935	1940	1943	1944	1945	1930	1935	1940	1943	1944	1945
Grand total (approximate)							4,764,800	3,650,000	5,613,900	8,071,800	8,419,000	8,143,000
Total metallic products (approximate)							985,790	733,130	678,600	2,488,000	2,340,000	1,975,000
Aluminum ... 1,000 pounds	229,037	119,295	412,560	1,840,358	1,552,892	992,974	50,961	22,070	75,292	265,380	222,416	141,924
Antimonial lead [1] ... short tons	13,711	[1] 16,384	[1] 29,752	[1] 63,515	[1] 57,902	[1] 56,495	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	16,785	13,501	14,966		(4)	73	914	563	562
Bauxite ... long tons	330,612	233,912	434,988	6,693,080	[5] 2,823,724	[5] 981,372	1,928	1,557	2,579	32,744	[5] 14,402	[5] 5,631
Beryllium ore ... short tons	(4)	(4)	121	356	388	39	(4)	(4)	4	44	56	6
Cadmium:												
Metal ... pounds	2,777,762	3,477,091	6,467,260	8,326,768	8,551,424	7,938,658	1,778	(4)	4,527	6,571	6,435	6,107
Compounds ... do	(4)	(4)	205,900	137,952	285,203	451,050	(4)	(4)	144	109	214	347
Chromite ... long tons	80	515	2,662	142,964	40,740	12,476	2	6	29	4,820	1,668	532
Copper,[6] sales value ... 1,000 pounds	1,394,389	762,587	1,818,168	2,185,878	2,006,758	1,565,452	181,271	63,295	205,453	[7] 257,934	[7] 236,797	[7] 184,723
Ferro-alloys ... short tons	728,269	663,237	1,292,660	1,995,171	1,860,956	1,661,657	51,900	48,892	128,128	271,488	246,014	210,510
Gold [8] ... 1,000 troy ounces	2,286	3,609	6,003	1,395	1,022	929	47,248	126,325	210,109	48,808	35,778	32,511
Iron, ore [9] ... 1,000 long tons	55,201	33,426	75,198	99,463	95,136	88,137	145,619	83,035	189,087	269,017	256,886	243,761
Iron, pig ... 1,000 short tons	33,494	23,719	46,959	60,787	60,996	53,265	512,165	358,145	840,442	1,273,634	1,278,981	1,172,435
Lead (refined),[6] sales value ... short tons	573,740	310,505	433,065	406,544	394,443	356,535	57,374	24,840	43,307	[7] 52,038	[7] 50,489	[7] 45,636
Magnesium (new ingot) ... do	280	2,121	6,412	170,267	146,585	43,496	269	(4)	[10] 3,462	69,961	60,141	17,874
Manganese ore (35% or more Mn) ... long tons	67,035	26,428	40,123	183,190	221,086	162,801	1,437	557	1,169	7,279	9,015	7,320
Manganiferous ore (5% to 35% Mn) ... do	785,390	524,184	1,136,547	1,538,275	1,328,225	1,359,691	2,402	1,323	3,348	4,522	3,856	3,514
Mercury, metal ... flasks (76 pounds net)	21,553	17,518	37,777	51,929	37,688	30,763	2,479	1,261	6,682	10,137	4,461	4,150
Molybdenum ... 1,000 pounds	3,759	10,892	25,329	53,955	39,423	32,524	2,068	7,261	17,189	38,500	27,999	23,107
Nickel ... short tons	308	160	554	642	988	1,155	214	130	(4)	(4)	(4)	(4)
Ores (crude), old tailings, etc.:												
Copper ... 1,000 short tons	47,382	19,103	69,278	98,120	91,064	76,856						
Lead-copper, zinc-copper, zinc-lead-copper ... do	246	1	93	840	1,085	992						
Dry and siliceous (gold and silver) ... do	7,767	14,016	18,700	4,963	2,620	1,984	(11)	(11)	(11)	(11)	(11)	(11)
Lead ... do	8,080	3,494	6,144	7,258	6,805	6,730						
Zinc-lead ... do	10,645	7,471	12,866	13,403	15,418	12,355						
Zinc ... do	5,980	7,944	9,521	16,804	16,470	16,308						
Platinum, etc., value, N. Y. C. ... troy ounces	43,502	42,060	47,339	34,917	33,021	33,592	2,049	1,414	1,986	1,455	1,481	1,543
Selenium ... pounds	278,309	232,831	368,709	521,779	423,906	666,363	455	(4)	(4)	(4)	(4)	(4)
Silver [12] ... 1,000 troy ounces	50,748	45,924	69,586	40,900	35,651	29,063	19,538	33,008	49,483	29,085	25,352	20,667
Tantalum and columbium ores ... pounds	5,100	7,681		15,182	10,412	6,649	3	5		29	24	14
Tellurium ... do	4,717	22,610	88,996	62,260	45,323	60,328	8	(4)	(4)	(4)	(4)	(4)

Tin (metallic equivalent) ..... short tons	17	50	49	7	6	----------	10	50	55	7	6	----------
Titanium concentrates (ilmenite) ..... do	(4)	(4)	20,702	211,715	280,791	308,518	(4)	(4)	184	3,739	7,371	7,359
Titanium concentrates (rutile) ..... do	(4)	(4)	2,657	3,941	6,770	6,837	(4)	(4)	393	611	1,088	870
Tungsten ore (60 percent concentrates) ..... do	702	2,395	5,319	11,945	10,282	5,715	509	1,921	6,576	17,974	14,407	7,958
Vanadium ..... 1,000 pounds	(4)	(4)	2,091	5,586	3,527	2,964	(4)	(4)	(4)	3,518	1,690	1,767
Zinc,[6] sales value ..... short tons	489,361	412,184	589,988	594,250	574,453	467,084	46,979	36,272	74,338	[7] 102,211	[7] 98,806	[7] 80,338
Total nonmetallic products (approximate)	----------	----------	----------	----------	----------	----------	3,779,010	2,916,870	3,935,300	5,583,800	6,079,000	6,168,000
Arsenious oxide ..... short tons	17,425	12,670	23,339	32,423	34,472	24,810	1,008	497	561	1,520	1,697	1,197
Asbestos ..... do	4,242	8,920	20,060	6,014	6,667	12,226	289	293	675	335	380	417
Asphalt, native ..... do	702,777	349,938	500,281	886,135	789,516	704	4,463	2,201	2,766	4,288	3,691	3,816
Asphalt, oil (including road oil) [9] ..... do	2,167,068	2,715,104	5,262,959	7,131,973	6,408,766	6,311,815	20,851	24,112	41,399	80,615	70,311	68,930
Barite (crude) ..... do	234,932	225,111	409,353	420,343	518,617	696,062	1,538	1,251	2,597	2,797	3,558	5,349
Boron minerals ..... do	177,360	272,967	243,355	256,633	277,586	325,935	5,352	5,382	5,643	6,402	6,580	7,635
Bromine ..... 1,000 pounds	8,463	16,429	59,266	94,086	102,112	79,710	2,110	3,483	11,773	19,107	19,713	14,796
Calcium-magnesium chloride (75 percent $NaCl_2$) short tons	116,160	83,546	99,536	199,796	200,964	218,320	2,208	1,039	998	1,550	1,621	1,818
Cement ..... 1,000 bbl. (376 lb. net)	160,846	76,244	132,864	129,479	95,592	107,833	231,249	114,810	193,465	202,460	151,997	175,431
Clay products [13]	----------	----------	----------	----------	----------	----------	275,134	155,536	114,000	75,200	65,472	86,275
Clay, raw (sold by producers) ..... 1,000 short tons	3,963	2,923	4,701	7,288	6,275	18,628	[9] 12,521	[9] 10,824	18,162	24,915	23,525	39,795
Coal, bituminous [14] ..... do	467,526	372,373	[15] 460,772	590,177	619,576	576,000	795,483	658,063	[15] 879,327	1,584,644	1,810,901	1,777,336
Coal, Pennsylvania anthracite ..... do	69,385	52,159	51,485	60,644	63,701	54,934	354,574	210,131	205,490	306,816	354,583	323,944
Coke [9] ..... do	47,972	35,141	57,072	71,676	74,038	67,308	209,137	176,853	273,832	476,117	527,922	508,540
Emery ..... short tons	555	176	1,046	6,666	6,940	7,856	6	2	9	63	65	76
Feldspar (crude) ..... long tons	171,788	189,550	290,763	308,180	327,408	373,054	1,067	1,005	1,272	1,646	1,814	2,022
Fluorspar ..... short tons	95,849	123,741	233,600	406,016	413,781	323,961	1,747	1,861	4,745	11,802	12,503	9,897
Fuller's earth ..... do	335,644	227,745	146,568	247,258	294,737	296,368	4,327	2,230	1,471	2,664	3,297	3,464
Garnet for abrasive purposes ..... do	5,003	3,060	4,716	5,935	(4)	6,306	314	257	259	429	(4)	375
Graphite, amorphous ..... do	1,941	(4)	(4)	9,597	5,768	5,334	21	(4)	(4)	903	350	289
Graphite, crystalline ..... do	(4)	(4)	----------				(4)	(4)	----------			
Grindstones and pulpstones ..... do	18,700	14,587	3,323	12,623	(4)	(4)	771	505	496	488	(4)	(4)
Gypsum [16] ..... 1,000 short tons	3,471	1,904	3,699	3,878	3,761	3,812	27,051	18,860	5,228	5,960	6,451	6,984
Helium [17] ..... M cu. ft	9,806	10,218	9,451	58,951	137,268	128,441	140	114	85	321	873	937
Iodine ..... pounds	(4)	245,696	(4)	(4)	(4)	(4)	(4)	249	(4)	(4)	(4)	(4)
Kyanite ..... short tons	(4)	(4)	4,241	9,561	(4)	(4)	(4)	(4)	94	239	(4)	(4)
Lime ..... 1,000 short tons	3,388	2,987	4,887	6,597	6,474	5,921	25,616	21,749	33,956	49,064	48,698	45,918
Lithium minerals ..... short tons	1,797	1,154	2,011	8,155	13,319	2,446	56	27	81	315	553	286
Magnesite (crude) ..... do	129,320	177,154	333,166	754,832	561,450	336,458	1,033	1,192	2,488	6,072	4,407	2,325
Magnesium oxide, hydrated (brucite) ..... 1,000 pounds	----------	----------	216,532	1,225,148	1,023,158	539,612	----------	----------	2,453	21,605	18,394	9,675
Magnesium salts, natural ..... do	73,255	109,602					1,071	1,287				
Marl, calcareous ..... short tons	34,012	88,062	25,516	147,153	178,036	154,122	113	97	42	153	172	188
Marl, greensand ..... do	12,761	7,589	6,697	10,056	4,908	4,986	221	220	390	522	506	478
Mica, scrap ..... do	6,732	[18] 18,852	[18] 22,386	46,138	51,727	32,880	109	[18] 244	[18] 315	738	1,089	510
Mica, sheet ..... 1,000 pounds	1,465	937	1,625	3,448	1,523	1,299	177	161	292	3,229	3,263	737
Millstones	----------	----------	----------	----------	----------	----------	18	10	7	9	10	15

No. 822.—Mineral Products of the United States—Quantities and Values: 1930 to 1945—Continued

Product	Quantity						Value (thousands of dollars)					
	1930	1935	1940	1943	1944	1945	1930	1935	1940	1943	1944	1945
Nonmetallic—continued												
Mineral pigments:												
Natural pigments and manufactured iron oxide pigments ... short tons	(19)	(19)	(19)	100,216	97,018	101,014	(19)	(19)	(19)	7,951	8,016	8,825
Zinc and lead pigments [20] ... do	147,948	137,972	164,775	192,827	211,403	194,448	18,420	13,828	19,334	26,341	28,992	26,556
Natural gas ... 1,000,000 cu. ft.	1,943,421	1,916,595	2,660,222	3,414,689	3,711,039	3,875,172	416,090	429,374	577,939	760,950	797,255	821,099
Natural gasoline and allied products:												
Natural gasoline and cycle products ... 1,000 gal.	2,210,494	1,651,986	2,339,400	2,773,218	3,031,308	3,251,172	128,160	70,940	68,261	122,500	148,200	152,500
Liquefied petroleum gases ... do	(21)	(21)	(21)	910,854	1,170,624	1,422,335	(21)	(21)	(21)	24,410	34,300	43,500
Oilstones, etc ... short tons	651	439	(4)	(4)	(4)	(4)	137	106	(4)	(4)	(4)	(4)
Olivine ... do	(4)	(4)	2,500	5,415	3,270	(4)	(4)	(4)	15	49	35	(4)
Peat ... do	(22)	37,060	70,097	60,002	57,987	78,272	(22)	199	517	491	525	600
Petroleum ... 1,000 barrels (42 gal.)	898,011	996,596	1,353,214	1,505,613	1,677,904	1,711,103	1,070,200	961,440	1,385,440	1,809,020	2,032,960	2,093,300
Phosphate rock ... 1,000 long tons	3,926	3,042	4,003	5,126	5,377	5,807	13,997	10,952	12,335	18,962	20,856	23,951
Potassium salts (K_2O) ... short tons	56,610	224,721	393,058	732,151	817,892	870,370	2,986	4,993	12,562	26,183	29,487	30,314
Pumice ... do	56,843	60,000	82,407	85,150	88,757	157,011	336	247	450	611	704	1,051
Pyrites ... long tons	347,512	514,192	626,640	802,384	788,530	722,596	1,029	1,583	1,920	2,844	2,598	2,700
Salt ... 1,000 short tons	8,054	7,927	10,360	15,214	15,717	15,394	25,009	21,838	26,475	43,878	45,989	46,069
Sand and gravel:												
Sand, glass ... do	1,849	2,126	2,760	3,972	4,443	4,682	3,211	3,735	4,882	7,377	8,228	8,374
Sand (molding, building, etc.) and gravel ... 1,000 short tons	195,203	121,798	235,548	230,092	190,340	190,842	111,966	58,242	105,806	145,416	116,936	120,463
Sand-lime brick ... thousands	[13] 191,193	[13] 61,757	[13] 104,519	(13)	(13)	(13)	[13] 1,951	[13] 555	[13] 1,174	(13)	(13)	(13)
Silica (quartz) ... short tons	13,156	17,178	31,865	99,445	82,379	57,764	121	112	176	347	286	237
Slate ... do	463,610	330,200	473,450	468,860	477,840	551,890	7,912	3,650	5,738	4,870	5,004	5,659
Sodium salts (carbonates and sulfates), natural ... short tons	122,930	131,936	317,267	331,901	353,749	372,241	1,792	1,449	3,158	4,098	4,447	4,559
Stone ... 1,000 short tons	126,996	[23] 83,159	[23] 153,733	[23] 171,343	[23] 155,580	[23] 153,405	178,949	[23] 87,824	[23] 160,044	[23] 184,320	[23] 175,642	[23] 179,308
Sulfur ... 1,000 long tons	1,990	1,635	2,559	2,954	3,519	3,833	35,800	29,300	40,900	47,300	56,300	61,300
Sulfuric acid, byproduct (60° Baumé) [24] ... 1,000 short tons	1,188	604	841	1,228	1,160	1,085	9,544	4,548	6,797	10,853	10,416	10,137
Talc, pyrophyllite, and soapstone [25] ... short tons	179,385	172,716	281,375	412,868	398,863	401,080	2,108	1,848	3,008	5,121	5,017	4,957
Tripoli ... do	32,439	27,375	30,212	14,912	18,425	18,247	508	383	367	244	302	307
Vermiculite ... do	(4)	7,068	22,299	46,645	54,116	64,808	(4)	88	138	472	542	648

[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 1940–1945.

[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 $73,000,000 in 1943, $83,000,000 in 1944, and $79,000,000 in 1945.

[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] 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 1943–45 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.

[14] Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

[15] Quantities as reported by Department of the Interior, National Bituminous Coal Division; values include selling expenses.

[16] Gypsum mined: For 1940 and subsequent years, value of crude at mine; for earlier years, value as sold (crude and calcined).

[17] Figures cover fiscal year ended June 30 of year stated.

[18] Includes mica recovered by grinding mica schist; excluded in prior years shown.

[19] Figures not available; value of iron ore sold for paint included in total value of nonmetallic products.

[20] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.

[21] Figures not available.

[22] No canvass. Estimate of value included in total value of nonmetallic products.

[23] Includes soapstone used as dimension stone.

[24] From copper and zinc smelters and zinc roasters and from roasting of high-sulfide gold and silver concentrates.

[25] 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. 823.—Mineral Industries—

[See headnote,

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	Pennsylvania 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 totals.
[2] See note 3, table 825. [3] See note 4, table 825. [4] See note 5, table 825. [5] See note 6, table 825.
[6] Represents permanent additions and major alterations (including installation costs); minor additions and replacements and cost of land are excluded.
[7] See note 9, table 825. [8] Not shown because of dissimilar products.
[9] Includes amounts received by or due contractors for services performed during 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 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, 2,929,184,828 M cubic feet, of which 2,287,413,256 M cubic feet were marketed.
[14] Thousands of gallons. [15] Includes data for 58 strip-pit and culm-bank contractors.

SUMMARY, BY INDUSTRIES: 1939

table 825]

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	[12] 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	6,739	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	[13] 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	35	(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	961,004	29
12,299	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

[16] Excludes, to avoid duplication, $10,618,000 paid strip-pit and culm-bank contractors by colliery companies.
[17] Tons of 2,240 pounds.
[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. 823.—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**	(8)	**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	59	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	38	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 [20]	453	162	32	-------	-------	2,175	1,456	511

[1] Companies with operations in more than one industry are counted only once in totals.
[2] See note 3, table 825. [3] See note 4, table 825. [4] See note 5, table 825. [5] See note 6, table 825.
[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 825.
[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	61,525	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 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 year.

[26] Statistics cover, in general, only those operations that had reported principal expenses or cost of buildings, machinery, and equipment during year of at least $2,500; for common sand and gravel 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 head-note of table 825.

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

No. 824.—Mineral Industries—Summary, by States: 1939

[Statistics cover producing operations only. For explanations of terms, see headnote, table 825, and appropriate footnotes, tables 823 and 825]

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 man-hours worked by wage earners (thousands)
						Total	Wage earners (average for year)	Salaried employees	Proprietors and firm members	
United States	**18,920**	**13,395**	**347,645**	**5,418**	**3,221,927**	**827,410**	**736,150**	**77,019**	**14,241**	**1,224,707**
Alabama	282	340	--------	106	41,685	27,078	25,661	1,181	236	39,603
Arizona	164	172	--------	57	54,127	10,432	9,335	981	116	21,944
Arkansas	261	140	2,987	52	25,345	6,456	5,821	480	155	8,935
California	1,642	771	16,657	474	364,619	37,805	30,252	6,604	949	62,635
Colorado	486	544	223	107	52,059	14,884	13,259	1,288	337	22,912
Connecticut	52	63	--------	44	2,917	725	635	71	19	1,370
Delaware	9	9	--------	7	242	86	68	15	3	130
Florida	68	83	--------	83	11,155	3,480	3,070	385	25	5,995
Georgia	92	106	--------	61	8,077	3,910	3,646	224	40	7,373
Idaho	98	105	--------	48	21,918	4,989	4,550	384	55	9,507
Illinois	1,006	783	16,981	287	187,219	44,724	39,920	3,971	833	61,212
Indiana	483	455	1,885	153	35,443	12,588	11,250	978	360	18,258
Iowa	365	383	--------	91	10,816	6,260	5,580	339	341	8,583
Kansas	748	212	20,238	124	77,531	13,327	11,290	1,475	562	19,572
Kentucky	637	613	9,868	126	91,285	54,001	51,278	2,370	353	73,656
Louisiana	451	40	6,529	62	121,202	11,782	9,645	1,925	212	18,648
Maine	33	34	--------	11	896	439	379	41	19	659
Maryland and Dist. of Col	144	171	--------	58	8,451	3,876	3,526	236	114	5,952
Massachusetts	102	112	--------	87	5,230	1,617	1,206	362	49	2,512
Michigan	463	173	3,002	106	75,397	16,144	14,293	1,566	285	27,426
Minnesota	110	170	--------	83	98,711	8,027	6,716	1,255	56	12,971
Mississippi	49	45	47	37	2,139	644	551	80	13	1,106
Missouri	387	456	132	157	27,167	11,066	9,258	1,531	277	16,422
Montana	444	296	2,067	70	44,173	11,738	10,114	1,284	340	19,560
Nebraska	37	64	--------	47	1,323	557	463	60	34	1,030
Nevada	265	279	--------	90	25,171	5,714	5,026	538	150	11,162
New Hampshire	24	26	--------	13	653	316	266	41	9	535
New Jersey	117	135	--------	108	14,124	4,010	3,369	609	32	6,451
New Mexico	241	100	2,981	30	55,559	8,266	7,340	792	134	13,463
New York	419	286	14,729	217	40,278	8,887	6,817	1,679	391	14,254
North Carolina	85	111	--------	60	4,257	1,997	1,787	178	32	3,720
North Dakota	105	106	--------	4	2,503	1,078	874	86	118	1,724
Ohio	1,189	1,102	15,011	334	63,221	28,028	24,579	2,351	1,098	40,751
Oklahoma	1,302	235	50,384	223	196,803	30,949	23,279	6,839	831	42,495
Oregon	114	123	--------	80	5,120	1,485	1,257	158	70	2,548
Pennsylvania	2,524	2,271	65,484	658	458,038	207,494	192,026	13,142	2,326	294,101
Rhode Island	20	21	--------	16	828	259	212	36	11	435
South Carolina	34	44	--------	23	3,457	1,400	1,291	97	12	2,756
South Dakota	57	55	2	23	22,680	2,924	2,633	264	27	5,960
Tennessee	220	256	41	88	22,133	12,578	11,723	739	116	19,578
Texas	2,891	192	89,568	282	555,208	52,149	38,420	11,819	1,910	71,269
Utah	160	183	7	38	62,791	10,789	9,446	1,278	65	18,294
Vermont	60	77	--------	21	5,348	1,735	1,574	121	40	3,148
Virginia	221	253	--------	113	34,436	20,122	18,988	1,041	93	28,955
Washington	146	165	12	77	13,688	4,317	3,864	343	110	6,553
West Virginia	1,041	793	26,137	239	222,780	107,488	101,815	4,934	739	155,554
Wisconsin	131	153	--------	126	8,176	2,396	2,093	229	74	4,177
Wyoming	146	89	2,673	17	35,548	6,394	5,705	619	70	8,855

No. 824.—Mineral Industries—Summary, by States: 1939—Continued

STATE	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
	Total	Wages	Salaries	Supplies and materials	Fuel	Purchased electric energy	Contract work	Buildings	Machinery and equipment	
United States	**1,747,282**	**915,558**	**189,355**	**306,297**	**60,374**	**68,892**	**206,805**	**27,020**	**261,475**	**13,045,784**
Alabama	34,253	23,674	2,666	5,846	483	1,342	242	549	2,307	253,211
Arizona	30,604	14,495	2,492	10,428	2,012	1,059	118	789	3,118	280,525
Arkansas	15,943	5,905	1,032	2,783	872	374	4,977	149	4,138	122,902
California	132,197	51,788	17,934	28,538	7,619	6,116	20,202	3,618	37,886	1,257,118
Colorado	29,650	16,561	2,899	6,987	844	1,803	556	441	1,642	192,296
Connecticut	1,656	753	180	436	137	127	21	49	142	28,420
Delaware	153	69	33	25	14	12	-------	2	6	3,067
Florida	6,265	2,406	775	1,453	771	816	43	146	331	116,656
Georgia	5,076	2,257	503	1,263	577	345	130	240	1,079	47,770
Idaho	12,267	6,936	1,044	3,202	237	802	46	118	746	77,816
Illinois	102,901	47,441	9,773	17,529	2,303	3,784	22,071	2,545	18,795	737,958
Indiana	24,656	13,505	2,143	5,592	814	1,477	1,124	443	1,869	233,285
Iowa	7,923	5,482	570	1,147	309	362	53	46	302	64,949
Kansas	36,475	12,776	3,259	5,710	1,167	1,240	12,323	731	9,644	357,383
Kentucky	71,359	52,173	4,606	10,211	765	2,561	1,043	556	2,784	325,424
Louisiana	60,234	14,744	5,188	10,240	3,280	448	26,334	917	23,418	284,785
Maine	593	376	72	83	27	33	2	5	11	10,952
Maryland and Dist. of Col.	5,243	3,344	487	852	298	204	59	79	618	38,469
Massachusetts	3,517	1,486	1,042	433	294	256	6	64	321	58,418
Michigan	37,311	18,418	3,687	7,302	2,570	2,033	3,300	414	3,950	403,941
Minnesota	20,402	9,816	3,340	4,014	1,576	1,558	97	367	1,394	309,190
Mississippi	1,170	362	173	212	140	72	210	16	265	13,811
Missouri	18,801	8,904	3,678	3,885	541	1,621	172	146	613	220,954
Montana	27,212	14,463	2,987	6,915	504	1,793	550	380	2,273	224,646
Nebraska	811	358	86	175	89	75	29	15	88	15,059
Nevada	15,853	7,754	1,318	4,110	620	1,188	862	836	1,474	102,169
New Hampshire	479	266	87	63	44	19	(1)	2	73	6,650
New Jersey	8,947	4,314	1,612	1,720	570	636	95	163	478	90,674
New Mexico	25,815	9,468	1,945	5,223	1,389	313	7,476	983	5,624	144,175
New York	23,477	9,399	5,703	4,126	1,478	1,373	1,398	404	2,420	278,038
North Carolina	2,532	1,123	321	709	181	193	7	8	161	26,285
North Dakota	1,518	871	171	274	73	124	6	16	56	15,251
Ohio	45,573	28,334	5,041	7,001	1,704	2,048	1,445	418	3,986	358,401
Oklahoma	83,873	30,413	17,880	15,652	4,324	1,870	13,734	1,028	11,623	947,665
Oregon	3,184	1,580	317	864	254	163	6	84	216	32,405
Pennsylvania	352,536	243,512	30,539	50,947	8,125	14,048	5,365	3,596	14,103	2,301,660
Rhode Island	527	262	61	129	44	30	2	13	35	6,998
South Carolina	2,132	782	283	698	136	176	58	26	162	20,366
South Dakota	7,711	4,681	840	1,715	282	172	21	352	735	46,047
Tennessee	16,194	10,458	1,486	2,602	589	968	89	223	1,007	136,526
Texas	207,036	55,826	31,855	32,023	8,447	2,240	76,645	3,935	86,788	1,224,293
Utah	27,870	13,159	3,303	7,603	560	2,988	257	552	1,475	272,301
Vermont	3,230	1,719	297	842	92	273	6	37	92	32,120
Virginia	26,879	18,864	2,037	4,186	424	1,324	44	198	1,174	146,791
Washington	8,739	5,341	816	1,911	245	381	45	168	326	75,443
West Virginia	175,856	128,402	10,804	25,355	1,795	7,142	2,358	1,030	9,217	922,293
Wisconsin	5,069	2,604	513	1,078	365	491	18	27	413	72,806
Wyoming	15,582	7,932	1,478	2,204	388	422	3,159	99	2,095	108,422

[1] Less than $501.

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

No. 825.—Mineral Industries—Summary for the United States: 1919, 1929, and 1939

[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 year, or cost of drilling and equipping wells during 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 common sand and gravel industry exclude data for operations that produce less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during 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**	**7,462,790**	(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 common clay and shale, crude petroleum and natural gas, greensand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

[2] Excludes 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 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. Average numbers of wage earners were derived by adding numbers reported for each month and dividing 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. Number of salaried employees represents number receiving pay on a representative or normal day or pay-roll period—for 1939, during normal pay-roll period ending nearest Oct. 14; for 1929, on Dec. 14 or on nearest representative day; for 1919, on Dec. 15 or on nearest representative day. Salaries represent total amount paid to salaried employees during 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 end of 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. 826.—Aluminum—Production, Exports, and Imports: 1913 to 1945

Year	Production						Imports		Exports [2]	
	Quantity (1,000 pounds)			Value ($1,000)						
	Total	Primary	Secondary	Total	Primary	Secondary [1]	Quantity (1,000 lb.)	Value ($1,000)	Quantity (1,000 lb.)	Value ($1,000)
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	1,261
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	235,276	59,093
1944	2,204,182	1,552,892	651,290	315,681	222,416	93,265	205,506	30,230	377,042	73,579
1945	1,589,748	992,974	596,774	227,221	141,924	85,297	678,586	98,290	13,086	3,064

[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: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 827.—Copper—Production, Exports, Imports, and Consumption: 1910 to 1945

[**In short tons (2,000 pounds).** Production figures for unrefined copper cover United States and Alaska. Output of copper from foreign crude materials also shown under refined copper production. Consumption as shown represents quantity withdrawn from total new supply on domestic account (apparent consumption) not actual consumption, largely because consumers' inventories are not taken into account. Over a period of years, however, apparent consumption data give a good indication of consumption trends]

ITEM	1910	1920	1930	1935	1940	1943	1944	1945
UNREFINED COPPER								
Copper ore produced (1,000 tons) [1]	28,497	36,765	47,382	19,112	69,278	98,120	91,064	76,856
Average copper yield, percent	1.88	1.63	1.43	1.89	1.20	1.04	.99	.93
Smelter output from domestic ore	540,080	604,530	697,195	381,294	909,084	1,092,939	1,003,379	782,726
Mine production	544,119	612,275	705,074	380,491	878,086	1,090,818	972,549	772,894
Imports, unrefined: [2]								
Ore (copper content)	32,102	26,023	50,658	7,660	[3] 11,293	7,784	6,415	8,858
Concentrates (copper content)	10,511	23,399	28,435	30,198	[3] 71,574	60,722	59,054	48,632
Matte and regulus (copper content)		8,797	2,353	2,733	60,115	56,619	51,012	19,862
Unrefined, in bars, pigs, etc	[4] 129,605	122,348	280,235	197,975	278,212	186,380	175,424	243,101
REFINED COPPER PRODUCTION								
New copper (primary)	711,020	763,083	1,078,530	588,805	1,313,556	1,379,263	1,221,187	1,108,599
Domestic	535,947	591,212	695,612	338,321	927,239	1,082,079	973,852	775,738
Foreign	175,072	171,871	382,917	250,484	386,317	297,184	247,335	332,861
Secondary copper	94,500	312,460	467,200	448,900	532,046	1,086,047	950,942	1,006,516
From new scrap	30,000	143,500	125,000	87,200	198,156	658,526	494,232	446,701
From old scrap	64,500	168,960	342,200	361,700	333,890	427,521	456,710	559,815
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	711,020	763,083	1,078,530	588,805	1,313,556	1,379,263	1,221,187	1,108,599
Refined copper imported [2]	(4)	54,372	43,105	18,071	68,337	402,762	492,395	531,367
Refined copper exported	[5] 354,158	275,613	334,626	275,006	377,108	[6] 175,859	[6] 68,373	[6] 48,563
Stocks, Dec. 31 (refined)	61,402	329,500	307,500	175,000	91,500	68,500	81,000	130,000
Withdrawn on domestic account:								
New refined copper	366,203	526,919	632,508	441,371	1,008,785	1,621,666	1,632,709	1,542,403
New and old copper	460,700	839,500	1,099,500	890,000	1,541,000	2,708,000	2,584,000	2,549,000

[1] Old tailings included beginning with 1930.
[2] For immediate consumption plus copper entering under bond.
[3] Ore from Philippine Islands included under concentrates.
[4] Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.
[5] Includes small exports of unrefined black blister and converter copper (bars, pigs, etc).
[6] Excludes refined copper in rods.

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

No. 828.—Copper—Mine Production, by States: 1910 to 1945

[**In short tons (2,000 pounds) of recoverable copper**]

STATE	1910	1920	1930	1935	1940	1943	1944	1945
Total	**544,119**	**612,275**	**705,074**	**380,491**	**878,086**	**1,090,818**	**972,549**	**772,894**
Alaska	2,121	35,218	16,326	7,750	55	27	2	5
Arizona	148,746	279,128	288,095	139,015	281,169	403,181	358,303	287,203
California	24,350	6,313	13,643	977	6,438	8,762	12,721	6,473
Colorado	4,180	2,022	5,257	7,327	12,152	1,028	1,048	1,485
Idaho	3,519	1,269	1,556	1,048	3,349	2,324	1,688	1,548
Michigan	111,342	77,348	84,691	32,054	45,198	46,764	42,421	30,401
Missouri	----------	756	88	34	685	1,340	3,302	3,399
Montana	142,404	88,530	98,094	77,479	126,391	134,525	118,190	88,506
Nevada	32,180	25,280	54,602	37,133	78,454	71,068	61,232	52,595
New Mexico	2,307	27,200	32,575	2,253	69,848	76,163	69,730	56,571
Tennessee	8,419	8,364	(1)	(1)	(1)	[2] 13,855	[2] 12,860	[3] 12,385
Utah	63,799	58,466	90,263	64,758	231,864	323,989	282,575	226,376
Washington	43	992	603	43	9,612	7,315	6,169	5,821
Other States	710	1,390	19,282	10,620	12,871	477	2,308	126

[1] Included under "Other States."
[2] Includes North Carolina and Pennsylvania.
[3] Includes Pennsylvania and Vermont.

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

No. 829.—Copper—Smelter and Refinery Output: 1850 to 1945

[**Quantities in short tons (2,000 pounds); values in thousand of dollars.** Smelter output shown here represents production of unrefined copper from domestic (including Alaskan) ores. Figures on refinery output of copper from foreign crude materials (shown as imports in table 827) include copper from foreign materials smelted and refined or only refined in the United States]

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	728	320	1922	475,143	128,289	627,758	452,335	175,423	335,900
1860	8,064	3,709	1923	717,500	210,945	989,918	732,082	257,835	410,900
1870	14,112	5,977	1924	817,125	214,087	1,130,038	837,107	292,931	388,300
1871–1875	17,136	8,895	1925	837,435	237,832	1,102,287	841,448	260,839	420,210
1876–1880	24,976	9,679	1926	869,811	243,547	1,161,243	865,649	295,594	479,800
1881–1885	58,867	17,236	1927	842,020	220,609	1,162,882	859,476	303,406	490,200
1886–1890	105,214	30,345	1928	912,950	262,930	1,243,804	895,899	347,905	536,400
1891–1895	169,328	37,266	1929	1,001,432	352,504	1,370,056	991,366	378,690	626,550
1896–1900	265,544	74,424	1930	697,195	181,271	1,078,530	695,612	382,917	467,200
1901–1905	366,095	103,859	1931	521,356	94,887	750,721	537,303	213,418	347,000
1906–1910	490,248	150,924	1932	272,005	34,273	340,434	222,539	117,895	248,180
1911–1915	610,313	185,592	1933	225,000	28,800	370,789	240,669	130,120	338,100
1916–1920	821,799	395,270	1934	244,227	39,076	445,360	233,029	212,331	377,400
1921–1925	619,999	171,275	1935	381,294	63,295	588,805	338,321	250,484	448,900
1926–1930	864,682	252,172	1936	611,410	112,499	822,489	645,462	177,027	484,600
1931–1935	328,776	52,066	1937	834,661	201,988	1,066,814	822,253	244,561	532,100
1936–1940	726,032	155,678	1938	562,328	110,216	792,416	552,574	239,842	359,800
1941–1945	986,621	232,843	1939	712,675	148,236	1,009,515	704,873	304,642	499,700
1916	963,925	474,288	1940	909,084	205,453	1,313,556	927,239	386,317	532,046
1917	943,060	514,911	1941	966,072	227,993	1,395,309	975,408	419,901	726,396
1918	954,267	471,408	1942	1,087,991	[1] 256,766	1,414,561	1,064,792	349,769	927,755
1919	643,210	239,274	1943	1,092,939	[1] 257,934	1,379,263	1,082,079	297,184	1,086,047
1920	604,531	222,467	1944	1,003,379	[1] 236,797	1,221,187	973,852	247,335	950,942
1921	252,793	65,221	1945	782,726	[1] 184,723	1,108,599	775,738	332,861	1,006,516

[1] Excludes premiums paid to miners by Government.

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

No. 830.—Copper—Exports and Imports: 1891 to 1945

[Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in 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 [2]	65,586	14,392	5,477	896	1935	302,873	48,933	240,528	33,213
1896–1900 [2]	137,684	36,745	24,634	5,866	1936	262,417	50,663	183,788	29,884
1901–1905 [2]	190,451	54,942	83,237	22,611	1937	350,317	93,626	227,479	52,562
1906–1910 [2]	289,445	92,334	130,111	38,026	1938	422,014	86,809	205,718	37,872
1911–1915 [2]	416,840	123,655	176,635	46,129	1939	427,579	97,185	230,669	44,230
1916–1920 [3]	376,877	208,909	244,948	103,805	1940	427,944	110,119	364,997	73,492
1921–1925	438,337	129,761	298,975	77,811	1941	158,906	47,690	720,732	141,789
1926–1930	491,290	149,999	407,630	108,244	1942	213,984	82,348	782,379	165,307
1931–1935	246,658	39,920	211,116	29,662	1943	295,698	108,719	737,062	156,514
1936–1940	378,054	87,680	242,530	47,608	1944	237,521	102,697	765,310	165,479
1934	312,743	49,765	199,538	27,786	1945	132,582	55,106	896,491	194,672

[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. 831.—Iron Ore—Production, Shipments, Exports, and Imports, 1881 to 1945, and Production, by District and Kind, 1942 to 1945

[In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Since 1905, excludes ore containing 5 percent or more of manganese]

Yearly average or year	Production	Shipments [1]	Exports	Imports
1881–1890	10,385	(2)	(2)	766
1891–1900	17,551	(2)	(2)	587
1901–1910	41,339	(2)	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	[3] 105,526	105,989	2,515	731
1943	[3] 101,248	99,463	2,425	399
1944	[3] 94,118	95,136	2,158	464
1945	[3] 88,376	88,137	2,063	1,194

Production	1942	1943	1944	1945
District				
Lake Superior	91,005	85,789	79,111	74,821
Southeastern and Southwestern	9,159	8,479	7,122	6,330
Northeastern	3,120	3,468	3,849	3,620
Western	1,599	2,860	3,442	3,088
Kind				
Hematite [4]	99,705	94,418	86,727	81,295
Brown ore	1,637	1,627	1,219	943
Magnetite [4]	3,541	4,549	5,579	5,621
Carbonate	(5)	1	1	1

[1] Excludes ore sold for paint. [2] Not available.
[3] Includes 643 long tons of byproduct ore not included in figures for districts in 1942, 653 in 1943, 593 in 1944, and 517 in 1945. Similar data not available for earlier years
[4] Some magnetite included with hematite in all years.
[5] Less than 500.

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

No. 832.—Lead, Recoverable—Mine Production, by States and for Alaska: 1920 to 1945

[In short tons (2,000 pounds)]

State	1920	1925	1930	1935	1940	1943	1944	1945
Total	496,814	684,439	558,313	331,103	457,392	453,313	416,861	390,831
Western States and Alaska	248,131	364,387	312,413	193,439	244,974	231,410	209,018	184,152
Alaska	875	789	1,365	670	779	200	44	11
Arizona	6,935	11,938	4,246	7,783	13,266	13,727	16,707	22,867
Colorado	23,315	31,483	22,130	5,673	11,476	18,032	17,698	17,044
Idaho	118,565	126,521	134,058	79,020	104,834	96,457	83,530	68,447
Montana	14,846	18,765	10,653	15,589	23,036	16,324	13,105	9,999
Nevada	10,100	12,238	11,529	12,676	7,499	4,790	6,605	6,275
New Mexico	1,435	3,210	10,378	7,289	3,822	5,723	7,265	7,662
Utah	66,898	153,335	115,495	63,510	75,688	65,257	52,519	40,817
Washington	2,749	2,814	576	103	2,555	5,022	5,825	3,802
Other	2,413	3,294	1,983	1,126	2,019	5,878	5,720	7,228
Central States	246,780	317,375	237,533	132,682	207,587	217,060	201,577	201,520
Kansas	16,452	22,775	12,910	10,892	11,927	9,213	9,394	7,370
Missouri	161,812	211,566	199,632	97,493	172,052	184,910	174,683	176,575
Oklahoma	64,086	79,946	23,052	23,405	21,240	19,733	13,944	12,664
Other	4,430	3,088	1,939	892	2,368	3,204	3,556	4,911
Eastern States	[1] 1,903	2,677	8,367	4,982	4,831	4,843	6,266	5,159
New York	--------	--------	8,367	4,982	1,973	2,355	1,644	862
Tennessee	1,880	448			573	200	--------	54
Virginia	--------	2,229			2,285	2,288	4,622	4,243

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

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

No. 833.—Lead—Production of Refined Primary and Secondary Lead, 1830 to 1945, and by Class and Source, 1880 to 1945

[**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	1911	486,979	43,828	1929	774,633	97,604
1840	17,000	1,666	1912	480,894	43,280	1930	643,033	64,303
1850	22,000	2,112	1913	462,460	40,696	1931	442,764	32,765
1860	15,600	1,778	1914	542,122	42,286	1932	281,941	16,916
1870	17,830	2,247	1915	550,055	51,705	1933	263,676	19,512
1880	95,725	9,573	1916	571,134	78,817	1934	311,236	23,031
1890	157,844	14,206	1917	610,769	105,052	1935	324,560	25,965
1895	235,822	15,093	1918	640,195	90,908	1936	399,156	36,722
1900	367,773	32,364	1919	482,220	51,115	1937	467,317	55,143
1902	367,892	30,167	1920	529,657	84,745	1938	383,669	35,298
1903	368,939	30,991	1921	448,589	40,373	1939	484,035	45,499
1904	393,452	33,837	1922	532,662	58,593	1940	533,179	53,318
1905	388,307	36,501	1923	618,322	86,565	1941	570,967	65,090
1906	404,746	46,141	1924	690,493	110,479	1942	566,839	71,422
1907	413,389	43,819	1925	766,969	133,453	1943	469,612	60,110
1908	396,564	33,311	1926	798,941	127,831	1944	464,763	59,490
1909	446,909	38,434	1927	796,530	100,363	1945	443,585	56,779
1910	470,272	41,384	1928	781,071	90,604			

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	270,400
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	323,001
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
1945	(4)	(4)	356,535	86,932	118	.064	56,495	363,039

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

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

No. 834.—Lead—Apparent Shipments of Refined Primary Pig to Domestic Consumers: 1935 to 1945

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

ITEM	1935	1940	1942	1943	1944	1945
Supply, total	325,882	683,068	963,270	1,001,261	897,860	778,296
Stocks at primary refineries, Jan. 1	(1)	(1)	[2] 12,000	39,255	36,464	16,788
Government-owned stocks, Jan. 1 [3]	----	----	17,934	248,361	173,875	90,454
Production	324,560	533,179	566,839	469,612	464,763	443,585
Imports	[4] 1,322	149,889	366,497	244,033	222,758	227,469
Withdrawn, total	6,982	49,079	293,430	223,600	122,765	108,174
Stocks at primary refineries, Dec. 31	(1)	(1)	39,255	36,464	16,788	37,690
Government-owned stocks, Dec. 31	----	----	248,361	173,875	90,454	68,700
Exports	6,982	[5] 49,079	[5] 5,814	[5] 13,261	[5] 15,523	[5] 1,784
Apparent shipments to domestic consumers	318,900	633,989	669,840	777,661	775,095	670,122

[1] Not available.
[2] Estimate based upon American Bureau of Metal Statistics data.
[3] Data from Tin-Lead-Zinc Division of the Civilian Production Administration.
[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. 835.—Zinc—Production of Ore, by States, Smelter Production, and Primary Slab Zinc Available for Consumption: 1920 to 1945

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars. Excess of mine production over smelter production is due chiefly to export of ore]

ITEM	1920	1925	1930	1935	1940	1943	1944	1945
Mine production (recoverable zinc content of ore)	587,524	710,847	595,425	517,903	665,068	744,196	718,642	614,358
Arizona	729	3,666	815	3,337	15,456	19,677	29,077	40,226
Colorado	24,395	30,811	36,259	1,202	5,060	44,094	39,955	35,773
Idaho	13,966	15,619	37,649	31,053	70,601	86,707	91,372	83,463
Kansas	61,073	118,778	74,304	54,110	57,032	56,944	63,703	48,394
Missouri	24,509	14,794	10,811	7,263	12,703	30,413	36,626	22,175
Montana	92,169	57,658	26,421	54,781	52,587	37,606	36,127	17,403
Nevada	5,349	7,411	14,584	15,536	11,833	13,647	20,699	21,457
New Jersey	78,511	89,261	97,626	85,708	91,406	92,864	80,288	81,392
New Mexico	5,007	9,246	32,765	22,126	30,313	59,524	50,727	40,295
New York	5,654	5,158	22,471	23,720	35,686	46,000	35,541	24,978
Oklahoma	219,727	283,371	136,153	129,763	162,935	114,085	91,449	69,300
Tennessee	19,217	16,256	[1] 48,147	[1] 48,832	[1] 51,723	[1] 60,369	[1] 60,498	[1] 49,899
Utah	4,079	26,306	44,495	31,107	43,788	46,896	38,994	33,630
Washington	213	609	352	1	11,560	12,203	11,904	11,693
Wisconsin	27,285	20,230	12,558	8,923	5,770	14,387	15,549	15,561
Other States	5,641	11,673	15	441	6,615	8,780	16,133	18,719
Smelter production (excluding remelted secondary zinc)	484,748	612,127	532,894	449,284	724,192	990,524	918,339	813,803
Primary zinc	463,377	572,946	498,045	420,634	675,275	942,309	869,302	764,561
From domestic ore	450,045	555,631	489,361	412,184	589,988	594,250	574,453	467,084
From foreign ore	13,332	17,315	8,684	[2] 8,450	[2] 85,287	[2] 348,059	[2] 294,849	[2] 297,477
Secondary, redistilled	21,371	39,181	[3] 34,849	28,650	48,917	48,215	49,037	49,242
Value of primary product from domestic ore ($1,000)	72,907	84,456	46,979	36,272	74,338	[4] 102,211	[4] 98,806	[4] 80,338
Primary slab zinc:								
Supply, total	500,170	593,700	584,230	549,861	775,471	1,072,481	1,099,628	1,094,476
Stock at smelters, Jan. 1	36,793	20,754	85,904	124,783	83,728	82,498	168,777	233,044
Production	463,377	572,946	498,045	420,634	675,275	933,828	867,225	764,316
Imports for consumption	(5)	(5)	281	4,444	[6] 16,468	[6] 56,155	[6] 63,626	[6] 97,116
Deductions:								
Exports	102,178	76,351	4,633	1,617	79,091	97,439	21,576	7,782
Stock at smelters, Dec. 31	71,037	13,080	167,293	90,539	19,212	168,790	233,044	254,765
Apparent deliveries to domestic consumers	326,955	504,269	412,304	457,705	677,168	806,265	845,008	826,627

[1] Includes Virginia.
[2] From Mexico in 1935; from Mexico, Canada, Newfoundland, and Peru in 1940; from Canada, Mexico, and Australia in 1943; from Mexico, Canada, Australia, Newfoundland, and Argentina in 1944; and from Mexico, Canada, Australia, Peru, Newfoundland, Argentina, and Bolivia in 1945.
[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. 836.—Zinc, Primary—Smelter Production From Domestic Ore: 1875 to 1945

[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	1936	491,803	49,180
1880 [3]	23,239	2,277	1926–1930	576,395	73,119	1937	551,165	71,651
1885	40,688	3,540	1931–1935	314,541	25,432	1938	436,007	41,857
1886–1890	54,285	5,219	1936–1940	512,004	57,619	1939	491,058	51,070
1891–1895	82,396	6,787	1930	489,361	46,979	1940	589,988	74,338
1896–1900	109,963	10,180	1931	291,996	22,192	1941	652,599	97,890
1901–1905	169,504	17,067	1932	207,148	12,429	1942	629,957	[4] 109,613
1906–1910	219,378	24,165	1933	306,010	25,705	1943	594,250	[4] 102,211
1911–1915	346,867	52,416	1934	355,366	30,561	1944	574,453	[4] 98,806
1916–1920	508,731	99,812	1935	412,184	36,272	1945	467,084	[4] 80,338

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

No. 837.—Gold and Silver—Production in Continental United States, Alaska, Puerto Rico, and Philippine Islands: 1792 to 1945

[Value of gold in terms of money, being at a fixed rate, is not shown in this table. Gold was valued at $20.67+ per fine troy ounce from 1837 until 1933. In 1933, however, various higher prices prevailed subsequently to Executive order of Aug. 29. Value of gold production for that year, as computed by Bureau of Mines, was $65,338,000, including $12,485,000 premium calculated at average weighted price ($25.56 per ounce). On Jan. 31, 1934, legal value of gold was fixed at $35 per fine ounce. Value given for silver is commercial value, except for 1921 to June 1923 and for 1934 and subsequent years (see footnotes 1 and 2), for which periods it 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	1914	4,573	72,455	40,068
1848–1850	4,838	116	152	1915	4,888	74,961	37,397
1851–1855	14,271	194	259	1916	4,479	74,415	48,953
1856–1860	12,384	309	418	1917	4,051	71,740	59,078
1861–1865	10,716	28,811	38,674	1918	3,321	67,810	66,485
1866–1870	12,226	49,113	65,261	1919	2,919	56,682	63,534
1871–1875	8,826	121,083	156,270	1920	2,476	55,362	60,802
1876–1880	10,301	157,681	182,506	1921	2,422	53,052	[1] 53,052
1881–1885	7,730	182,841	202,807	1922	2,363	56,240	[1] 56,240
1886–1890	8,078	231,819	227,495	1923	2,503	73,335	[1] 60,135
1891–1895	9,107	287,057	227,960	1924	2,529	65,407	43,823
1896–1900	15,729	279,544	172,689	1925	2,412	66,155	45,912
1901–1905	19,394	278,798	159,543	1926	2,335	62,719	39,136
1906–1910	22,993	277,333	162,916	1927	2,197	60,434	34,266
1911–1915	22,968	338,384	189,626	1928	2,233	58,463	34,201
1916–1920	17,246	326,009	298,852	1929	2,208	61,328	32,688
1921–1925	12,229	314,190	259,162	1930	2,286	50,748	19,538
1926–1930	11,259	293,692	159,829	1931	2,396	30,932	8,970
1931–1935	14,102	156,565	77,948	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	30,855	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
1913	4,300	66,802	40,348	1945	929	29,063	[2] 20,667

State or other area	Gold (1,000 fine ounces)					Silver (1,000 fine ounces)					Silver, value, 1945 (1,000 dollars)[2]
	1930	1940	1943	1944	1945	1930	1940	1943	1944	1945	
Total	2,286	6,003	1,395	1,022	929	50,748	69,586	40,900	35,651	29,063	20,667
Alaska	407	757	110	51	60	392	173	46	15	9	6
Arizona	149	299	174	128	78	4,910	6,130	5,624	4,674	3,411	2,426
California	450	1,444	149	116	143	1,434	2,225	577	792	950	676
Colorado	218	369	134	111	102	4,852	9,378	2,670	2,136	2,407	1,712
Idaho	21	145	30	22	19	9,710	17,477	11,420	10,645	8,228	5,851
Michigan	------	------	------	------	------	11	90	62	54	20	14
Missouri	------	------	------	------	------	------	------	111	104	21	15
Montana	47	273	61	49	42	8,597	12,152	8,164	6,669	5,494	3,906
Nevada	140	380	141	116	91	4,179	5,102	1,824	1,408	1,156	822
New Mexico	32	39	11	12	13	1,160	1,576	456	545	654	465
Oregon	14	114	2	1	1	10	192	31	19	12	9
South Dakota	406	587	114	11	41	105	171	44	5	41	29
Texas	(3)	(3)	(3)	(3)	------	469	1,295	60	21	21	15
Utah	209	352	382	354	271	14,451	11,686	9,295	8,105	6,244	4,440
Washington	4	84	69	50	53	30	389	400	317	288	205
Philippine Islands	185	1,140	14	------	13	121	1,299	26	------	17	12
Other	3	20	3	3	2	317	251	89	141	90	64

[1] For 1921, 1922, and first half of 1923, price taken at figure of $1 per ounce fixed by 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+; 1940–45, $0.7111+.

[3] Less than 500 ounces.

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

No. 838.—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				
	Grand total	New material			Old material	Grand total	New material			Old material
		Total	United States coin	Bullion and foreign coin			Total	United States coin	Bullion and foreign coin	
1880	10,105	8,811	3,300	5,511	1,294	2,794	2,590	464	2,126	204
1881–1885	12,568	10,706	3,715	6,991	1,863	4,155	3,840	155	3,685	315
1886–1890	16,041	12,012	3,500	8,512	4,029	5,662	4,986	155	4,831	676
1891–1895	16,508	11,448	3,500	7,948	5,060	7,997	7,046	108	6,938	951
1896–1900	16,965	12,899	3,500	9,399	4,067	10,214	9,014	77	8,937	1,200
1901–1905	28,496	21,718	3,500	18,218	6,778	19,526	16,524	77	16,447	3,002
1906–1910	38,149	30,441	3,500	26,941	7,708	24,553	20,884	77	20,807	3,669
1911–1915	40,688	30,621	2,500	28,121	9,967	30,444	23,516	77	23,438	6,928
1916–1920	61,864	39,831	1,000	38,831	22,033	31,214	22,089	77	22,011	9,126
1921–1925	59,596	30,321	1,000	29,321	29,275	36,805	28,616	77	28,538	8,189
1926–1930	55,197	24,747	1,000	23,747	30,450	38,461	28,137	77	28,059	10,325
1931–1935	21,288	[2] *20,101*	420	[2] *20,521*	41,389	33,631	13,278	77	13,200	20,353
1936	32,968	[2] *2,908*	--------	[2] *2,908*	35,876	35,843	19,139	77	19,062	16,703
1937	39,622	3,214	--------	3,214	36,408	51,292	27,727	77	27,650	23,565
1938	30,157	[2] *324*	--------	[2] *324*	30,481	38,620	20,182	77	20,104	18,439
1939	38,789	7,461	--------	7,461	31,328	69,585	44,613	77	44,536	24,972
1940	41,178	13,306	--------	13,306	27,872	67,063	44,499	77	44,422	22,564
1941	67,977	37,002	--------	37,002	30,975	92,794	72,509	77	72,432	20,285
1942	75,742	47,295	--------	47,295	28,448	131,419	101,399	77	101,321	30,021
1943	96,864	86,343	--------	86,343	10,521	162,113	118,000	77	117,923	44,113
1944	122,977	97,298	--------	97,298	25,679	176,289	120,100	77	120,023	56,189
1945	139,936	108,944	--------	108,944	30,992	184,661	126,300	309	125,991	58,361

[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. 839.—Silver—Prices, London and New York, and Value in the Dollar: 1835 to 1945

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

[All figures, except "Commerical 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	------	1917	0.895	0.840	1.165	0.731	24.61	0.692
1840	1.323	------	------	------	15.62	1.023	1918	1.042	.984	1.019	.889	21.00	.761
1845	1.298	------	------	------	15.92	1.004	1919	1.250	1.121	1.383	1.014	18.44	.867
1850	1.316	------	------	------	15.70	1.018	1920	1.346	1.019	1.379	.604	20.28	.788
1855	1.344	------	------	------	15.38	1.039	1921	.805	.631	.738	.532	32.76	.488
1860	1.352	------	------	------	15.29	1.045	1922	.754	.679	.742	.629	30.43	.525
1865	1.338	------	------	------	15.44	1.035	1923	.700	.652	.690	.629	31.69	.505
1870	1.328	------	------	------	15.57	1.027	1924	.745	.671	.724	.630	30.80	.519
1875	1.242	1.239	1.261	1.210	16.64	.961	1925	.703	.694	.732	.668	29.78	.537
1880	1.145	1.139	1.150	1.113	18.05	.886	1926	.629	.624	.689	.518	33.11	.483
1885	1.065	1.064	1.095	1.028	19.41	.824	1927	.571	.567	.603	.542	36.47	.438
1890	1.046	1.053	1.205	.958	19.75	.809	1928	.536	.585	.639	.568	35.34	.452
1895	.654	.663	.690	.600	31.60	.506	1929	.536	.533	.578	.468	38.78	.412
1900	.620	.621	.658	.598	33.33	.480	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
1916	.686	.672	.791	.573	30.78	.531	1945	.513	.519	.534	.512	67.00	.404

Source of tables 838 and 839; Treasury Dept., Bureau of the Mint; Annual Report of the Director.

No. 840.—Coke—Production, Exports, and Imports: 1896 to 1945

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			Thousands 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	176,353	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
1945	67,308	5,214	62,094	92.3	508,540	1,479	52

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

No. 841.—Coke—Byproduct and Beehive Production, by States: 1915 to 1945

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

State	1915	1920	1925	1930	1935	1940	1942	1943	1944	1945
Byproduct										
Total	14,073	30,834	39,912	45,196	34,224	54,014	62,295	63,743	67,065	62,094
Alabama	2,070	3,124	4,582	3,987	1,994	4,727	5,580	5,316	5,728	5,401
Colorado	-------	517	490	379	207	544	676	673	651	639
Illinois	1,687	2,137	3,012	3,576	1,669	3,015	3,690	3,625	3,879	3,682
Indiana	2,768	4,554	5,142	4,984	3,768	6,413	7,338	8,112	8,821	7,814
Maryland	313	682	1,019	1,169	930	1,683	2,104	2,060	2,068	2,025
Massachusetts	504	488	535	863	1,006	1,130	1,176	1,174	1,178	1,150
Michigan	(1)	1,393	1,751	2,604	2,482	2,872	3,139	2,948	3,005	2,806
Minnesota	128	675	518	641	430	524	955	956	894	826
New Jersey	269	726	904	919	917	1,016	1,038	1,014	1,023	1,284
New York	684	1,040	2,220	3,850	4,099	5,080	5,180	5,347	6,103	5,790
Ohio	666	5,615	7,105	6,163	5,101	7,898	9,913	10,271	10,339	9,406
Pennsylvania	3,092	7,730	9,853	12,529	8,078	14,862	16,310	16,519	16,977	15,255
West Virginia	141	447	1,056	1,479	1,604	1,900	2,444	2,612	2,638	2,463
All other States	1,749	1,706	1,725	2,051	1,939	2,350	2,751	3,114	3,773	3,556
Beehive										
Total	27,508	20,511	11,355	2,776	917	3,058	8,274	7,933	6,973	5,214
Pennsylvania	22,531	15,908	9,574	2,011	564	2,550	7,309	6,934	6,171	4,584
Ohio	19	87	156	-------	-------	-------	-------	-------	-------	-------
West Virginia	1,250	1,381	490	422	155	233	335	424	379	288
Alabama	1,001	890	88	-------	-------	-------	95	35	-------	-------
Kentucky	285	273	(1)	-------	-------	(1)	1	29	68	74
Tennessee	234	163	128	25	3	5	73	49	9	-------
Virginia	630	1,028	422	220	138	198	351	293	243	191
Colorado	671	273	155	79	49	62	87	85	82	73
Utah	(1)	(1)	146	7	6	7	22	84	21	4
All other States	887	509	196	12	2	1	-------	-------	-------	-------

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

Source of tables 840 and 841: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 842.—Coal—Production, 1821 to 1945, and by States, 1921 to 1945

[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		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
				1941	570,518	56,368	514,149	240,275	1,125,363
1936–1940	468,860	51,101	417,758						
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	683,278	63,701	619,576	354,583	1,810,901
1921	506,395	90,473	415,922	1945	630,934	54,934	[2] 576,000	323,944	[2] 1,777,336

State	1921–1925	1926–1930	1931–1935	1936–1940	1941	1942	1943	1944	1945
Total quantity	**558,947**	**595,497**	**405,108**	**468,860**	**570,518**	**643,021**	**650,821**	**683,278**	**630,934**
Anthracite (Pa.)	77,648	76,619	53,674	51,101	56,368	60,328	60,644	63,701	54,934
Bituminous	481,299	518,878	351,434	417,758	514,149	582,693	590,177	619,576	[2] 576,000
Alabama	18,097	18,380	9,252	12,620	15,465	19,301	17,160	18,752	18,737
Arkansas	1,261	1,579	1,012	1,387	1,574	1,985	1,718	1,972	[3] 4,600
Colorado	10,049	9,665	5,711	6,435	6,949	8,086	8,324	8,168	7,668
Illinois	68,523	57,310	40,198	48,367	54,703	65,071	72,631	76,792	72,525
Indiana	21,677	18,467	14,386	17,232	22,484	25,388	25,065	27,962	25,500
Iowa	4,952	3,879	3,492	3,376	2,939	2,948	2,771	2,141	2,010
Kansas	3,927	3,215	2,270	2,949	4,008	4,230	3,437	3,369	[4] 6,995
Kentucky	43,743	61,116	38,130	44,970	53,710	62,231	63,211	71,356	67,875
Maryland	2,033	2,700	1,654	1,496	1,701	2,001	1,933	1,870	1,765
Michigan	976	705	492	510	311	231	169	140	125
Missouri	3,011	3,538	3,624	3,577	3,145	3,520	4,310	4,779	([5])
Montana	2,881	3,139	2,396	2,871	3,254	3,829	4,833	4,844	4,550
New Mexico	2,772	2,612	1,338	1,378	1,251	1,669	1,851	1,744	1,500
North Dakota	1,221	1,622	1,750	2,161	2,309	2,537	2,500	2,366	[6] 2,523
Ohio	31,590	21,111	19,151	22,188	29,319	32,764	32,255	33,877	32,715
Oklahoma	2,741	3,346	1,368	1,444	1,771	2,387	2,838	3,209	([7])
Pennsylvania	133,721	137,038	86,592	101,556	130,240	144,073	141,050	146,052	131,650
Tennessee	5,078	5,544	4,062	5,197	7,045	8,158	7,179	7,266	6,600
Texas	1,084	1,107	738	816	353	304	153	109	108
Utah	4,593	4,683	2,846	3,373	4,077	5,517	6,666	7,119	6,644
Virginia	10,648	12,521	8,923	13,324	18,441	20,136	20,280	19,514	18,105
Washington	2,626	2,513	1,555	1,744	1,841	1,953	1,528	1,524	1,376
West Virginia	97,044	136,315	95,748	112,932	140,250	155,882	158,804	164,704	152,200
Wyoming	6,812	6,526	4,545	5,617	6,646	8,133	9,155	9,540	9,890
Other States and Alaska	239	246	201	238	364	359	356	407	339

[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; Minerals Yearbook.

No. 843.—Coal—Exports, Imports, and Bunker Coal Laden on Vessels in Foreign Trade: 1891 to 1945

[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
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
1945	28,244	184,301	3,296	36,426	24,948	147,875	[6] 418	[6] 2,295	1,594	11,911

[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 of the U. S.

No. 844.—Coal—Shipments, Value, and Employment in Mines: 1890 to 1945

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	9,858	-------	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
1945	48,542	4,274	2,118	-------	5.90	72,842	269	2.79	751	2.2	62
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
1944	558,654	50,682	2,713	7,527	2.92	393,347	278	5.67	1,575	75.8	686

[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 842.
[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; Minerals Yearbook.

No. 845.—Consumption of Bituminous Coal and Lignite, by Consumer Class, With Retail Deliveries: 1936 to 1945

[In thousands of short tons]

YEAR	Total of classes shown	Colliery fuel	Electric power utilities [1]	Bunker, foreign trade [2]	Railroads (class I) [3]	Coke: Beehive ovens	Coke: By-product ovens	Steel and rolling mills	Coal-gas retorts	Cement mills [4]	Other industrials [5]	Retail dealer deliveries [5]
1936	410,218	3,227	40,029	1,622	86,391	2,698	63,244	13,471	1,945	4,771	108,620	84,200
1937	432,603	3,052	42,871	1,832	88,080	4,927	69,575	12,853	1,680	5,247	122,410	80,076
1938	338,086	2,403	38,245	1,352	73,921	1,360	45,266	8,412	1,644	4,483	92,390	68,520
1939	377,773	2,565	43,979	1,477	79,072	2,298	61,216	9,808	1,614	5,274	[6] 66,569	[6] 103,901
1940	432,757	2,443	50,973	1,426	85,130	4,803	76,583	10,040	1,746	5,633	[6] 76,945	[6] 117,035
1941	494,088	2,489	61,861	1,643	97,384	10,529	82,609	10,902	1,659	6,832	[6] 98,308	[6] 119,872
1942	542,214	2,708	65,636	1,585	115,410	12,876	87,974	10,434	1,721	7,570	[6] 107,528	[6] 128,772
1943	596,164	2,702	76,403	1,647	130,283	12,441	90,019	11,238	1,605	5,851	[6] 134,975	[6] 129,000
1944	591,830	2,712	78,887	1,559	132,049	10,858	94,438	10,734	1,545	3,789	[6] 122,464	[6] 132,795
1945 (prel.)	560,060	2,523	71,626	1,785	125,120	8,098	87,640	10,084	(7)	4,215	[6] 118,969	[6] 130,000

[1] 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.
[2] U. S. Bureau of Census.
[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 1944 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 136,303,060 tons of bituminous coal and lignite. Similar data from I. C. C. not yet available for 1945. [4] Includes a small amount of anthracite.
[5] Estimates based upon reports collected by Solid Fuels Administration from a selected list of representative manufacturing plants and retail dealers.
[6] "Retail dealer deliveries" have been revised to include truck shipments from mines formerly included in "Other industrials." [7] Included in "Other industrials."

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

No. 846.—Work Stoppages [1] in Anthracite and Bituminous Coal Mining Industries, by Major Issues Involved: 1934 to 1945

[Excludes strikes and lockouts involving fewer than 6 workers or lasting less than 1 day. Figures are for strikes beginning in years shown. For combined statistics covering strikes and lockouts in all industries, see table 239, p. 217]

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:												
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
1945	43	18	------	25	87,700	74,500	------	13,200	1,163,000	1,108,000	--------	55,000
Bituminous:												
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	153,296	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
1945 [3]	598	144	49	399	581,500	203,100	238,500	139,400	5,007,000	984,000	3,308,000	713,000

[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.
[3] Totals include 6 stoppages, involving 500 workers and 2,000 man-days, in which issues were not reported.

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. 847.—Coal—Average Retail Prices and Indexes for Large Cities Combined: 1929 to 1946

Year and month	Average price per ton of 2,000 pounds			Index (October 1922–September 1925=100)		
	Bituminous [1]	Pennsylvania anthracite [2]		Bituminous [1]	Pennsylvania anthracite [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
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	14.43	106.5	102.1	102.7
1946	10.95	15.96	15.97	112.5	113.4	113.8
1945: June	10.55	13.82	13.87	107.1	98.2	98.7
December	10.59	15.03	15.08	107.6	106.8	107.3
1946: March	10.69	15.23	15.26	108.6	108.2	108.6
June	10.93	15.24	15.28	111.0	108.3	108.8
September	11.10	16.79	16.81	116.2	119.5	119.8
December	11.22	16.76	16.63	117.6	119.2	119.6

[1] Unweighted average. Prior to Sept. 1940, 38 cities; Dec. 1940 through Apr. 1945, 35 cities; May 1945 through Aug. 1946, 34 cities; Sept. 1946, 32 cities; Oct. and Nov. 1946, 30 cities; Dec. 1946, 31 cities.
[2] Weighted average. Prior to July 1944, 25 cities; July through Dec. 1944, 24 cities; Jan. 1945 through Aug. 1946, 23 cities; Sept. 1946, 21 cities; Oct. and Nov. 1946, 20 cities; Dec. 1946, 18 cities.

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. 848.—Natural Gas and Natural Gasoline—Production, 1906 to 1945, and By States, 1930 to 1945

[**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 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	------	------	------	1937	2,407,620	528,354	2,108,800	2,065,434	97,125
1911–1915	575,708	88,492	11,602	30,317	2,481	1938	2,295,562	500,698	2,035,562	2,156,574	87,266
1916–1920	762,681	154,590	412,787	268,038	48,174	1939	2,476,756	534,240	2,150,000	2,169,300	90,050
1921–1925	947,419	229,002	820,445	762,151	82,205	1940	2,660,222	577,939	2,471,400	2,339,400	68,261
1926–1930	1,637,540	362,238	1,613,811	1,852,490	136,123	1941	2,812,658	621,333	2,763,300	2,688,714	105,815
1931–1935	1,697,043	394,148	1,687,902	1,592,613	59,761	1942	3,053,475	692,737	2,864,400	2,725,968	102,565
1936–1940	2,401,592	523,609	2,116,152	2,105,410	85,455	1943	3,414,689	760,950	3,028,000	2,773,218	122,500
1935	1,916,595	429,374	1,822,000	1,651,986	70,940	1944	3,711,039	797,255	3,300,000	3,031,308	148,200
1936	2,167,802	476,813	1,815,000	1,796,340	84,572	1945 [1]	3,875,172	821,099	3,553,000	3,251,172	152,500

State	Natural gas produced and marketed					Natural gas consumed, 1944	Natural gasoline produced		
	1930	1935	1940	1943	1944		1943	1944	1945 [1]
Total	**[2] 1,943,421**	**[2] 1,916,595**	**[2] 2,660,222**	**[2] 3,414,689**	**[2] 3,711,039**	**[2] 3,696,463**	**2,773,218**	**3,031,308**	**3,251,172**
Arkansas	18,585	6,167	14,379	36,469	46,453	94,783	40,353	43,701	51,326
California	334,789	284,109	351,950	457,757	502,017	502,017	582,872	632,768	724,068
Illinois	2,890	1,448	8,359	18,120	18,137	123,325	71,737	61,351	55,233
Kansas	37,630	57,125	90,003	133,729	157,733	143,814	70,325	54,045	59,021
Kentucky	28,023	39,738	53,056	92,364	94,223	24,399	10,571	10,997	9,376
Louisiana	278,341	249,450	343,191	505,294	534,688	310,127	265,807	409,824	426,941
Michigan	2,075	4,203	12,648	18,006	19,653	56,077	1,226	4,055	5,369
Montana	10,060	19,870	26,231	31,562	32,102	29,019	2,749	2,886	2,969
New Mexico	9,497	27,931	[3] 63,990	[3] 86,500	[3] 87,727	55,284	73,126	69,528	87,098
New York	[4] 9,624	[4] 8,288	[4] 12,187	[4] 8,062	[4] 7,052	27,057	12	12	5
Ohio	63,394	49,592	40,639	52,001	51,724	166,785	6,495	7,282	6,496
Oklahoma	348,116	274,313	257,626	285,045	310,888	249,996	309,942	301,246	280,625
Pennsylvania	88,706	[5] 94,464	[5] 90,725	[5] 93,543	[5] 92,987	148,675	17,084	17,023	13,718
Texas	[6] 517,880	[6] 642,366	[6] 1,063,538	[6] 1,323,885	[6] 1,525,515	1,221,383	1,221,736	1,324,877	1,439,069
West Virginia	144,180	115,772	188,751	223,878	181,452	88,953	65,691	57,298	56,545
Wyoming	43,219	26,643	27,346	34,351	34,521	21,426	[7] 33,492	[7] 34,415	[7] 33,313

[1] Preliminary. [2] Includes States not shown separately.
[3] Includes 685,000,000 cubic feet piped to Mexico in 1940, 1,453,000,000 in 1943, and 1,474,000,000 in 1944.
[4] Includes 107,000,000 cubic feet piped to Canada in 1930, 29,000,000 in 1935, 54,000,000 in 1940, 32,000,000 in 1943 and 31,000,000 in 1944.
[5] Includes 44,000,000 cubic feet piped to Canada in 1935, 36,000,000 in 1940, 99,000,000 in 1943, and 112,000,000 in 1944.
[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 9,626,000,000 in 1943, and 12,959,000,000 in 1944. [7] Includes Utah and Colorado.

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

No. 849.—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 revised to exclude completely operations of those utilities which have changed over from 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 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. 850.—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 manufactured-gas industry revised to exclude completely operations of companies which have changed over to distribution of natural gas at any time between 1929 and end of 1944. Data for 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, included in 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 849 and 850: American Gas Association, Annual Statistics of the Manufactured-Gas and Natural-Gas Industries, Statistical Bulletins, Nos. 58 and 59.

No. 851.—Gas Prices—Net Monthly Bills for Specified Quantities, by Cities

[Based on rates as of December 15, 1945 and 1946]

City and kind of gas	Heating value per cubic foot in British thermal units (Dec. 15, 1946)	Net monthly bills: 10.6 Therms [1] 1945	10.6 Therms [1] 1946 [2]	19.6 Therms [1] 1945	19.6 Therms [1] 1946 [2]	30.6 Therms [1] 1945	30.6 Therms [1] 1946 [2]	40.6 Therms [1] 1945	40.6 Therms [1] 1946 [2]
Atlanta ... natural	1,014	$1.59	$1.58	$2.41	$2.38	$3.38	$3.35	$3.98	$3.94
Baltimore ... manufactured	500	1.80	1.80	3.33	3.33	4.78	4.78	6.08	6.08
Birmingham ... do	520	1.62	1.62	2.66	2.66	3.75	3.75	4.52	4.52
Boston ... do	530	2.86	2.97	4.27	4.47	5.99	6.31	7.56	7.98
	530	2.38	2.46	4.40	4.55	5.90	6.13	7.48	7.79
Buffalo ... mixed	900	.77	.77	1.42	1.42	2.21	2.21	2.93	2.93
Butte ... natural	850	1.11	1.11	1.59	1.59	2.17	2.17	2.70	2.70
Charleston B-1 [3] ... manufactured	550	2.70	2.70						
Charleston B-2 ... do	550	2.95	2.95	4.42	4.42	5.92	5.92	7.28	7.28
Chicago ... mixed	800	1.85	1.65	2.93	2.68	3.72	3.47	4.42	4.17
Cincinnati ... do	1,000	.79	.79	1.42	1.42	2.14	2.14	2.79	2.79
Cleveland ... natural	1,100	[4] .90	[4] .90	1.33	1.33	1.88	1.88	2.38	2.38
Columbus [5] ... do	1,050	.95	.90	1.40	1.34	1.95	1.86	2.45	2.34
Dallas ... do	1,050	1.26	1.26	1.77	1.77	2.40	2.40	2.93	2.93
Denver [6] ... do	840	1.54	1.54	2.21	2.21	2.88	2.88	3.36	3.36
Detroit [7] ... do	991	[8] .61	1.31	[8] 1.05	2.24	[8] 1.48	3.17	[8] 1.88	4.01
Fall River ... manufactured	530	3.06	3.03	4.73	4.68	6.77	6.69	8.63	8.52
Houston ... natural	1,078	.92	.93	1.41	1.43	2.01	2.04	2.55	2.60
	1,081	.93	.93	1.43	1.43	2.04	2.04	2.60	2.60
	1,091	.86	.86	1.32	1.32	1.87	1.87	2.38	2.38
Indianapolis ... manufactured	570	1.58	1.58	2.92	2.92	4.57	4.57	6.05	6.05
Jacksonville ... do	525	4.03	4.03	5.80	5.80	7.69	7.69	9.40	9.40
Kansas City [6] ... natural	1,040	1.33	1.33	2.12	2.12	3.05	3.05	3.88	3.88
Little Rock [6] ... do	1,000	1.05	1.05	1.46	1.46	1.97	1.97	2.42	2.42
Los Angeles ... do	1,100	1.18	1.18	1.66	1.66	2.20	2.20	2.67	2.67
Louisville [7] ... mixed	900	1.14	1.14	1.79	1.79	2.48	2.48	3.08	3.08
Manchester ... manufactured	525	3.20	3.24	4.83	4.90	6.45	6.55	7.89	8.02
Memphis ... natural	980	1.39	1.39	2.26	2.26	3.27	3.27	3.83	3.83
Milwaukee ... manufactured	520	1.76	1.76	2.89	2.89	4.26	4.26	5.51	5.51
Minneapolis ... mixed	800	1.61	1.60	2.26	2.24	3.01	2.98	3.65	3.60
Mobile ... natural	1,076	1.57	1.59	2.28	2.29	3.13	3.16	3.66	3.68
Newark ... manufactured	525	2.69	2.69	4.31	4.34	6.06	6.20	7.29	7.65
New Haven ... do	528	2.41	2.41	4.11	4.11	6.20	6.20	8.09	8.09
New Orleans ... natural	1,071	1.07	1.07	1.58	1.58	2.19	2.20	2.75	2.75
New York:									
3 Boroughs [9] ... manufactured	540	2.28	2.30	4.22	4.26	6.59	6.65	8.73	8.82
Brooklyn ... do	541	2.31	2.34	3.75	3.79	5.19	5.24	6.34	6.41
	537	2.42	2.44	3.89	3.93	5.34	5.40	6.66	6.72
	539	2.56	2.60	4.19	4.25	5.84	5.91	7.04	7.13
Richmond ... do	538	3.06	3.12	5.03	5.11	6.98	7.10	8.74	8.90
Norfolk ... do	530	2.40	2.40	4.36	4.36	6.62	6.62	8.51	8.51
Omaha ... do	600	1.38	1.38	2.14	2.14	3.05	3.05	3.88	3.88
Peoria ... natural	1,000	2.12	1.74	3.64	2.71	4.67	3.81	5.57	4.81
Philadelphia ... manufactured	530	1.86	1.86	3.27	3.27	4.82	4.82	6.24	6.24
Pittsburgh ... natural	1,115	[10] 1.00	[10] 1.00	1.06	1.06	1.64	1.64	2.18	2.18
	1,065	1.20	1.21	1.74	1.76	2.41	2.43	3.02	3.04
	1,100	1.17	1.18	1.69	1.72	2.33	2.37	2.91	2.96
Portland, Maine ... manufactured	528	3.30	3.46	5.46	5.76	6.65	7.10	8.21	8.80
Portland, Oreg ... do	568	2.34	2.58	3.98	4.32	5.34	5.62	6.62	6.94
Providence ... do	510	2.65	3.13	4.28	5.05	6.28	7.41	8.10	9.56
Richmond ... do	530	2.60	2.60	4.74	4.74	5.99	5.99	7.69	7.69
Rochester, N. Y ... do	537	2.26	2.26	3.99	3.99	5.35	5.35	6.88	6.88
St. Louis [6] ... mixed	800	2.04	2.04	3.20	3.20	4.38	4.38	5.45	5.45
St. Paul ... manufactured	561	1.98	1.95	3.16	3.11	4.58	4.52	5.85	5.77
Salt Lake City [6] ... natural	884	2.09	2.08	3.24	3.23	4.13	4.11	4.83	4.80
San Francisco ... do	1,100	1.00	.90	1.38	1.21	1.83	1.59	2.21	1.93
Savannah ... manufactured	500	2.65	2.65	4.90	4.90	7.37	7.37	9.37	9.37
Scranton ... do	521	2.87	2.87	4.56	4.56	5.76	5.76	7.58	7.58
Seattle [7] ... do	509	3.33	3.33	5.74	5.74	5.62	5.62	6.86	6.86
Springfield, Ill ... natural	1,013	1.91	1.74	3.36	2.71	4.47	3.81	5.37	4.81
Washington, D. C ... mixed	600	1.53	1.53	2.66	2.66	3.98	3.98	5.11	5.11

[1] 1 therm equals 100,000 British thermal units. [2] Preliminary.
[3] Available only to customers using less than 3,200 cubic feet per month, served under this rate schedule on or before Jan. 1, 1944.
[4] Minimum bill representing a meter charge and including the first 1,000 cubic feet.
[5] Bills include 5 percent utilities commodity tax for December 1945. [6] Bills include 2 percent tax.
[7] Bills include 3 percent tax. [8] Bills reflect 53 percent discount for December 1945.
[9] Bills include 1 percent tax December 1945 and 2 percent tax December 1946.
[10] Minimum bill representing meter charge.

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

No. 852.—Petroleum, Crude—Production: 1861 to 1945

[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	1914	265,763	214,125	1930	898,011	1,070,200
1866-1870	4,013	15,795	1915	281,104	179,463	1931	851,081	550,630
1871-1875	8,221	16,430	1916	300,767	330,900	1932	785,159	680,460
1876-1880	16,816	22,926	1917	335,316	522,635	1933	905,656	608,000
1881-1885	25,508	22,933	1918	355,928	703,944	1934	908,065	904,825
1886-1890	32,990	23,830	1919	378,367	760,266	1935	996,596	961,440
1891-1895	51,095	35,708	1920	442,929	1,360,745	1936	1,099,687	1,199,820
1896-1900	59,498	56,836	1921	472,183	814,745	1937	1,279,160	1,513,340
1901-1905	102,083	83,524	1922	557,531	895,111	1938	1,214,355	1,373,060
1906-1910	172,769	119,572	1923	732,407	978,430	1939	1,264,962	1,204,470
1911-1915	247,739	185,793	1924	713,940	1,022,683	1940	1,353,214	1,385,440
1916-1920	362,661	735,698	1925	763,743	1,284,960	1941	1,402,228	1,602,000
1921-1925	647,961	999,186	1926	770,874	1,447,760	1942	1,386,645	1,643,470
1926-1930	895,762	1,205,217	1927	901,129	1,172,830	1943	1,505,613	1,809,020
1931-1935	889,311	741,071	1928	901,474	1,054,880	1944	1,677,904	2,032,960
1936-1940	1,242,276	1,353,226	1929	1,007,323	1,280,417	1945 [1]	1,711,103	2,003,300

[1] Preliminary.

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

No. 853.—Petroleum, Crude and Refined—Production, Imports, Exports, and Bunker Oil Laden on Vessels in Foreign Trade: 1871 to 1945

[Exports of refined oils include residuum prior to 1913 and natural gasoline prior to 1932, and exclude them 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	70,896	34,868	27.3	22.3	38.2	176.2	31.3
1936-1940	1,242,276	32,701	30,774	63,651	86,876	35,845	23.6	22.2	87.0	231.9	39.3
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	69,348	38,152	30.4	29.2	27.1	168.1	29.4
1933	905,656	31,908	13,257	36,584	61,419	32,272	17.7	7.1	32.0	151.3	27.1
1934	908,065	35,772	14,952	41,127	64,750	29,899	25.9	9.6	49.8	159.5	31.3
1935	996,596	32,345	22,369	51,430	67,932	30,304	23.4	13.5	61.2	169.9	29.9
1936	1,099,687	32,957	25,460	50,313	71,402	33,407	23.2	16.5	66.1	179.0	34.3
1937	1,279,160	27,310	32,693	67,127	93,464	37,688	20.8	22.1	96.4	253.4	43.5
1938	1,214,355	26,048	27,837	77,254	102,124	36,059	18.6	19.6	111.6	249.6	37.8
1939	1,264,962	34,106	27,350	72,064	103,428	37,036	23.3	18.7	92.8	262.6	39.0
1940	1,353,214	43,085	40,528	51,495	63,960	35,037	32.2	34.0	67.8	214.9	41.9
1941	1,402,228	52,029	48,564	34,484	60,736	30,400	43.4	37.6	49.5	208.2	38.1
1942	1,386,645	13,540	25,780	35,560	71,251	25,417	12.8	23.0	51.6	273.2	35.1
1943	1,505,613	13,803	51,834	43,313	96,860	47,895	14.7	69.9	66.5	421.3	74.0
1944	1,677,904	44,846	56,663	34,802	161,854	71,815	49.0	63.6	58.9	872.8	109.4
1945	1,711,103	74,127	58,375	35,353	136,428	82,314	81.0	70.5	58.3	661.8	119.4

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

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. 854.—Petroleum, Crude—World Production; United States Production by Regions and States: 1921 to 1945

[In thousands of barrels of 42 gallons]

Region and state	1921–1925 (average)	1926–1930 (average)	1931–1935 (average)	1936–1940 (average)	1941	1942	1943	1944	1945
World total [1]	944,777	1,316,390	1,460,372	2,009,651	1,222,941	2,079,866	2,231,423	2,614,345	2,624,929
United States [2]	647,961	895,762	889,311	1,242,276	1,402,228	1,386,645	1,505,613	1,677,904	1,711,103
Percent of total	*69*	*68*	*61*	*62*	*69*	*67*	*67*	*64*	*65*
Regions:									
Appalachian	28,504	31,603	30,079	34,817	33,102	34,563	35,237	34,272	33,047
Lima—N. E. Ind.—Mich	2,298	3,603	10,050	18,716	16,933	22,075	20,944	18,709	17,473
Illinois—S. W. Indiana	9,585	7,495	5,326	57,570	139,780	113,110	87,516	82,507	80,054
Mid-continent	343,545	527,944	566,251	694,826	716,544	703,490	736,487	818,678	844,445
Gulf	33,688	54,140	75,401	178,326	225,649	221,495	296,322	366,385	360,432
Rocky Mountain	35,258	29,468	17,984	27,765	39,957	43,586	44,919	45,560	49,170
California	195,074	241,509	184,221	230,256	230,263	248,326	284,188	311,793	326,482
States:									
Arkansas	36,644	35,010	12,144	17,485	26,327	26,628	27,600	29,418	28,613
California	195,074	241,509	184,221	230,256	230,263	248,326	284,188	311,793	326,482
Colorado	392	2,477	1,260	1,539	2,150	2,199	2,320	3,083	4,959
Illinois	8,815	6,654	4,551	55,722	132,393	106,391	82,260	77,413	75,210
Indiana	1,011	937	800	1,870	7,411	6,743	5,283	5,118	4,868
Kansas	32,733	41,123	43,033	63,197	83,242	97,636	106,178	98,762	95,997
Kentucky	8,044	7,103	5,494	5,549	4,762	4,534	7,883	9,621	10,325
Louisiana	25,759	22,338	30,396	92,771	115,908	115,785	123,592	129,645	130,566
Michigan	1	1,913	9,004	18,103	16,359	21,754	20,768	18,490	17,259
Mississippi	-------	-------	(3)	4,507	15,327	28,833	18,807	16,337	18,775
Montana	2,729	4,826	3,153	5,861	7,526	8,074	7,916	8,647	8,397
New Mexico	[4] 554	3,171	15,829	35,720	39,569	31,544	38,896	39,555	37,281
New York	1,274	2,765	3,618	5,057	5,185	5,421	5,059	4,697	4,648
Ohio	7,045	7,022	4,504	3,404	3,510	3,543	3,322	2,937	2,828
Oklahoma	155,088	235,663	176,293	185,293	154,702	140,690	123,152	124,616	138,036
Pennsylvania	7,607	10,613	13,443	17,684	16,750	17,779	15,757	14,118	12,515
Texas	127,009	245,792	364,341	478,063	505,572	483,097	594,343	746,699	755,533
West Virginia	6,575	5,655	4,032	3,680	3,433	3,574	3,349	3,070	2,879
Wyoming	31,901	21,145	13,158	19,987	29,878	32,812	34,253	33,356	35,359

[1] Estimated; 1945 preliminary.
[2] Includes for certain years small quantities not distributed by regions and States.
[3] Not shown separately.
[4] Average for years 1924 and 1925.

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

No. 855.—Crude Petroleum, Refined Products, and Natural Gasoline—Production and Stocks: 1920 to 1945

[Barrels of 42 gallons]

ITEM	1920	1925	1930	1935	1940	1943	1944	1945
Crude petroleum:								
Domestic production 1,000 bbls.	442,929	763,743	898,011	996,596	1,353,214	1,505,613	1,677,904	1,711,103
Imports [1] do.	106,175	61,824	62,129	32,239	42,662	13,833	44,805	74,095
Exports [1] do.	9,295	13,337	23,705	51,430	51,496	41,342	34,238	32,998
Stocks, end of period:								
Refinable crude do.	149,448	345,863	408,809	314,855	264,709	243,506 / [2] 242,132	220,862 / [2] 220,663	218,763
California heavy crude do.	([3])	([3])	([3])	([3])	11,906	8,289 / [2] 7,272	6,107	4,496
Run to stills do.	433,915	739,920	927,447	965,790	1,294,162	1,429,738	1,665,684	1,719,534
Total value at wells 1,000 dolls.	1,360,745	1,284,960	1,070,200	961,440	1,385,440	1,809,020	2,032,960	2,093,300
Average price per barrel at wells	$3.07	$1.68	$1.19	$0.97	$1.02	$1.20	$1.21	$1.22
Refined products:								
Imports [1] 1,000 bbls.	2,647	16,376	43,489	20,396	41,089	49,579	47,506	39,278
Exports [1] do.	70,281	100,497	132,794	77,557	78,970	108,615	173,378	151,275
Stocks, end of period do [3]	60,397	206,275	254,311	223,361	282,265	229,362	245,868	235,998
Output of motor fuel do.	118,022	262,252	440,728	468,021	616,695	608,180	739,340	799,059
Yield of gasoline percent	26.1	32.4	42.0	44.2	43.1	37.1	39.4	40.9
Completed refineries, end of year	415	510	435	632	556	452	([4])	([4])
Daily crude-oil capacity of refineries 1,000 bbls.	1,889	2,853	3,943	4,117	4,719	5,093	([4])	([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	10.45	10.49	10.33
Natural gasoline:								
Production 1,000 bbls.	9,161	26,307	52,631	39,333	55,700	87,716	100,036	111,274
Stocks, end of period do.	([4])	[6] 326	2,377	3,698	5,704	4,541	4,252 / [2] 4,451	4,322

[1] Import and export figures 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 and possessions.
[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] American Petroleum Institute figures; prior to 1939, average tank-wagon prices.
[6] At plants only.

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

No. 856.—Petroleum—Runs to Stills and Refinery Products, by Class: 1920 to 1945

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

PRODUCT	1920	1925	1930	1935	1940	1943	1944	1945
Input, total	437,068	759,556	970,617	996,815	1,333,709	1,490,936	1,7328,91	1,789,858
Crude petroleum, total	433,915	739,920	927,447	965,790	1,294,162	1,429,738	1,665,684	1,719,534
Domestic	*372,779*	*698,582*	*866,615*	*933,659*	*1,252,364*	*1,417,559*	*1,622,514*	*1,645,862*
Foreign	61,136	41,338	60,832	32,131	41,798	12,179	43,170	73,672
Natural gasoline	3,153	19,636	43,170	31,025	39,547	61,198	67,207	70,324
Output, total	437,068	759,556	970,617	996,815	1,333,709	1,490,936	1,732,891	1,789,858
Gasoline	116,251	259,601	432,241	457,842	597,375	592,425	722,718	774,460
Kerosene	55,240	59,689	49,208	55,813	73,882	72,270	78,344	81,024
Distillate fuel oil	210,987	364,991	81,551	100,235	183,304	211,516	239,152	249,224
Residual fuel oil			290,947	259,826	316,221	417,306	461,455	469,492
Lubricating oil	24,938	31,055	34,201	27,853	36,765	38,679	41,106	41,867
Wax	([1])	2,135	1,956	1,608	1,833	2,697	2,883	2,921
Coke	([1])	5,281	9,895	7,290	7,633	6,942	9,017	10,115
Asphalt	([1])	15,067	18,194	17,133	29,406	37,162	38,479	39,196
Still gas	([1])	([1])	5,377	51,184	75,950	86,755	102,239	103,458
Wax 1,000 lbs.	541,204	590,577	547,680	450,240	513,240	755,160	807,240	817,880
Coke 1,000 tons [2]	577	991	1,940	1,458	1,527	1,388	1,803	2,023
Asphalt do.	1,291	2,677	3,308	3,115	5,347	6,757	6,996	7,127
Still gas 1,000,000 cu. ft.	*([1])*	*([1])*	*23,000*	*197,220*	*273,420*	*312,318*	*368,061*	*372,449*
Road oil	[3] 10,909	8,044	5,425	6,030	7,771	2,295	1,556	2,686
Other finished products			2,377	1,888	3,202	9,660	18,436	19,080
Crude gasoline (net)	----------	----------	----------	1,032	902	1,009	1,745	[4] *4,892*
Other unfinished oils (net)	([3])	[4] *9,221*	2,242	[4] *2,412*	[4] *3,848*	2,597	2,584	[4] *5,727*
Shortage	18,743	22,914	37,003	11,493	3,313	9,623	13,177	6,957

[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. 857.—Petroleum—Runs to Stills, 1944 and 1945, and Major Refinery Products, 1945, 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, 1945				
	1944	1945	1944	1945	Gasoline	Kerosene	Distillate fuel oil	Residual fuel oil	Wax
Total	**1,665,684**	**1,719,534**	**67,207**	**70,324**	**774,460**	**81,024**	**249,224**	**469,492**	**817,880**
East coast	257,046	273,667	2,073	1,687	98,207	10,755	50,243	85,352	309,400
Appalachian	56,349	56,199	410	435	25,895	3,288	6,101	9,152	102,480
Ind., Ill., Ky., etc	278,785	275,853	8,911	8,309	143,826	12,719	34,601	53,494	60,200
Okla., Kans., and Mo	133,106	139,176	4,850	5,310	72,746	8,039	20,500	24,764	90,160
Texas	491,920	487,927	28,513	30,377	234,703	27,550	79,823	111,108	124,320
Louisiana and Ark	112,509	127,246	6,357	5,563	56,125	14,724	23,119	23,393	82,320
Rocky Mountain	41,254	45,944	1,149	1,502	21,864	1,117	5,135	13,253	25,200
California	294,715	313,522	14,944	17,141	121,094	2,832	29,702	148,976	23,800

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

No. 858.—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	2,882,959	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	(1)	(1)	(1)
Fuel oil	567,533	247,723	249,674			
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. 859.—Petroleum Pipe Lines—Summary: 1925 to 1945

[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
1945	113,351	1,042,523	86,713	304,268	191,668	67,127	65,941

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

No. 860.—Oil Wells, Number and Production, 1943 and 1944, and Number of Oil and Gas Wells Drilled, 1944 and 1945, 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	
	1943	1944	1943	1944	1944	1945	1944	1945	1944	1945
Total	407,170	412,220	10.2	11.2	13,029	14,297	3,067	2,899	7,010	7,471
Arkansas	3,150	3,250	24.2	25.1	128	115	2	--------	85	70
California [2]	19,700	21,470	40.7	41.4	1,663	1,690	48	56	323	404
Colorado	210	230	30.3	38.3	22	42	1	1	14	17
Illinois	24,000	24,600	9.4	8.7	1,196	1,060	6	1	747	688
Indiana	2,000	2,050	7.4	6.9	144	111	22	28	137	166
Kansas	23,100	25,000	12.5	11.2	824	838	93	201	920	745
Kentucky	15,000	17,000	1.4	1.6	374	382	305	108	314	247
Louisiana	7,250	7,460	47.7	48.2	429	646	82	108	292	354
Michigan	3,380	3,400	17.0	14.9	239	260	59	54	357	454
Mississippi	370	470	143.1	106.3	78	198	1	--------	77	164
Montana	2,070	2,200	10.5	11.1	221	217	63	38	103	57
Nebraska [3]	90	80	19.3	13.4	12	1	3	4	18	27
New Mexico	3,980	4,250	27.2	26.3	283	279	15	21	116	124
New York	22,450	21,700	.6	.6	(4)	(4)	(4)	(4)	(4)	(4)
Ohio	23,000	20,800	.4	.4	(4)	(4)	(4)	(4)	(4)	(4)
Oklahoma	53,100	51,900	6.4	6.5	1,031	1,426	212	250	647	833
Pennsylvania	82,800	83,300	.5	.5	[5] 2,681	[5] 2,820	[5] 1,882	[5] 1,303	[5] 847	[5] 587
Texas	100,800	102,300	16.2	20.1	3,526	4,036	268	714	1,935	2,434
West Virginia	16,900	16,750	.5	.5	(4)	(4)	(4)	(4)	(4)	(4)
Wyoming	3,710	3,900	25.5	24.0	167	162	5	10	33	55
Other States	110	110	1.3	1.7	11	14	--------	2	45	45

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

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

No. 861.—Asphalt—Supply, Distribution, and Value: 1939 to 1945

ITEM	1939	1940	1941	1942	1943	1944	1945
SUPPLY (1,000 TONS OF 2,000 LBS.)							
Total	5,978	6,525	8,022	7,999	8,172	8,483	8,609
Native asphalt and related bitumens:							
Produced	460	491	691	975	886	790	704
Imported (chiefly lake asphalt)	27	12	14	8	8	8	5
Petroleum asphalt (excluding road oil):							
Produced at refineries from domestic and foreign petroleum	4,954	5,347	6,558	6,297	6,757	6,996	7,127
Imported [1]	47	126	145	115	110	126	147
Stocks, Jan. 1	490	550	614	604	411	563	626
DISTRIBUTION (1,000 TONS OF 2,000 LBS.)							
Total	5,978	6,525	8,022	7,999	8,172	8,483	8,609
Native asphalt and related bitumens:							
Indicated domestic demand	446	479	680	966	851	752	657
Exports (unmanufactured)	14	11	11	9	35	37	47
Petroleum asphalt (excluding road oil):							
Indicated domestic demand (incl. lake asphalt)	4,769	5,161	6,502	6,527	6,637	6,949	6,999
Exports	200	259	225	85	86	119	213
Stocks, Dec. 31	550	614	604	411	563	626	693
VALUE (1,000 DOLLARS)							
Native asphalt and related bitumens:							
Sales	3,067	2,725	3,169	4,279	4,288	3,688	3,816
Imports (chiefly lake asphalt)	363	143	183	136	222	254	122
Exports (unmanufactured)	577	443	329	232	819	730	1,207
Petroleum asphalt (excluding road oil):							
Sales [2]	40,892	45,191	60,513	70,815	78,863	75,715	78,876
Imports [1]	189	566	777	680	659	726	842
Exports	3,098	4,004	3,690	1,585	2,147	2,606	5,172

[1] Includes cut-backs and road oil.
[2] Excludes export sales.

No. 862.—Gypsum—Supply, Sales, Imports, and Exports: 1939 to 1945

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

ITEM	1939	1940	1941	1942	1943	1944	1945
Crude gypsum: [1]							
Mined	3,227	3,699	4,789	4,698	3,878	3,761	3,812
Imported	1,308	1,405	1,348	394	231	342	509
Apparent supply	4,535	5,104	6,136	5,092	4,109	4,104	4,320
Calcined gypsum produced: [2]							
Short tons	2,881	3,308	3,981	3,045	2,558	2,363	2,485
Value	14,621	17,255	19,747	16,403	14,752	13,841	14,474
Gypsum products sold: [2]							
Uncalcined uses:							
Short tons	868	929	1,321	1,515	1,234	1,056	1,148
Value	1,927	2,251	3,139	3,534	3,115	2,954	3,433
Industrial uses:							
Short tons	110	124	152	143	164	200	158
Value	1,374	1,533	1,885	1,841	2,259	2,551	2,326
Building uses, value	42,627	49,709	64,734	57,796	53,723	50,196	54,390
Gypsum and gypsum products:							
Imported for consumption, value	1,364	1,429	1,282	508	304	395	549
Exported, value	309	264	530	978	284	490	1,503

[1] Excludes byproduct gypsum.
[2] Made from domestic, imported, and byproduct crude gypsum.

Source of tables 861 and 862: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 863.—Portland Cement—Production, by States; Shipments, Imports, and Stocks: 1910 to 1945

[In thousands of barrels of 376 pounds]

STATE	1910	1920	1925	1930	1935	1940	1944	1945
Production, total	*76,550*	*100,023*	*161,659*	*161,197*	*76,742*	[1] *130,217*	[1] *90,906*	[1 2] *102,805*
Alabama	[3] 1,481	1,132	6,288	4,821	2,493	5,122	4,703	5,542
California	[4] 6,386	7,098	13,098	10,124	7,974	14,216	14,651	15,952
Illinois	4,459	5,539	7,101	7,935	3,368	4,975	3,154	4,367
Iowa	[5] 2,010	4,849	4,648	7,088	3,520	4,606	3,383	3,194
Kansas	5,656	4,341	6,511	6,012	2,337	3,433	2,819	3,001
Michigan	3,688	4,891	10,936	11,511	4,579	8,603	5,219	5,839
Missouri	4,456	6,018	8,332	7,809	3,392	4,968	3,478	3,185
New York	3,296	5,885	8,770	10,373	4,285	8,437	[6] 4,180	[6] 5,617
Ohio	1,528	1,780	5,715	8,632	3,876	6,664	3,911	4,604
Pennsylvania	26,676	28,269	42,347	37,844	15,502	26,853	12,339	15,564
Tennessee	(7)	(7)	(7)	3,875	2,703	3,808	3,853	2,882
Texas	[8] 2,287	2,562	4,858	6,782	3,787	7,375	6,136	8,037
Other States	14,627	27,659	43,055	38,393	18,925	[1] 31,156	[1] 23,080	[1 2] 25,022
Shipments [9]	(10)	96,312	157,295	159,059	75,233	130,350	94,272	106,354
Imports [11]	307	525	3,667	985	619	538	(12)	(12)
Stocks at mills (Dec. 31)	(10)	8,833	18,336	25,899	23,065	23,365	19,953	16,404

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

No. 864.—Portland Cement—Shipments, by State of Destination: 1942 to 1945

[In thousands of barrels of 376 pounds]

STATE	1942	1943	1944	1945
Shipped from cement plant	185,301	127,632	94,272	106,354
Shipments to States	177,385	120,658	87,309	96,457
New England	*6,818*	*3,923*	*2,829*	*3,279*
Maine	560	440	248	306
New Hampshire	457	268	212	254
Vermont	126	118	117	158
Massachusetts	2,716	1,468	1,084	1,299
Rhode Island	963	535	305	266
Connecticut	1,996	1,095	864	997
Middle Atlantic	27,446	15,879	11,441	13,498
New York	*12,139*	*5,932*	*4,058*	*5,252*
New Jersey	5,150	3,435	2,585	2,772
Pennsylvania	10,157	6,512	4,798	5,474
E. N. Central	34,363	22,404	18,137	21,033
Ohio	8,160	6,384	4,387	4,777
Indiana	6,359	3,407	2,934	3,629
Illinois	9,717	5,985	4,787	5,382
Michigan	7,070	4,826	3,770	4,636
Wisconsin	3,057	1,802	2,260	2,608
W. N. Central	19,087	13,465	9,341	10,468
Minnesota	2,321	1,534	1,638	2,135
Iowa	2,317	2,156	1,996	2,186
Missouri	3,877	2,543	1,970	2,579
North Dakota	292	268	287	382
South Dakota	1,055	670	288	383
Nebraska	4,519	2,590	1,340	1,030
Kansas	4,705	3,705	1,821	1,772
South Atlantic	23,848	18,648	12,035	11,249
Delaware	348	531	212	210
Maryland	3,037	2,620	1,596	1,656
Dist. of Col.	1,566	1,314	667	765
Virginia	6,435	3,496	2,434	2,066
Shipments to States—Con. South Atlantic—Continued.				
West Virginia	1,481	1,191	903	1,080
North Carolina	*2,420*	*3,197*	*2,709*	*1,369*
South Carolina	1,928	1,049	555	580
Georgia	2,991	2,252	1,246	1,447
Florida	3,641	2,997	1,713	2,068
E. S. Central	12,601	7,977	4,996	5,678
Kentucky	2,613	1,836	1,258	1,206
Tennessee	5,282	3,002	1,883	1,772
Alabama	3,238	2,354	1,194	1,912
Mississippi	1,468	784	662	788
W. S. Central	20,879	14,622	8,837	11,077
Arkansas	2,932	1,280	728	975
Louisiana	3,327	2,998	1,589	1,928
Oklahoma	3,219	3,080	1,300	1,580
Texas	11,401	7,264	5,220	6,595
Mountain	9,263	5,837	3,385	4,666
Montana	483	250	259	356
Idaho	*570*	*726*	*351*	*432*
Wyoming	379	384	248	220
Colorado	2,204	951	694	1,134
New Mexico	697	464	383	799
Arizona	1,380	997	577	740
Utah	1,998	1,454	611	675
Nevada	1,552	612	262	310
Pacific	23,062	17,866	16,123	15,017
Washington	*4,266*	*3,700*	*3,339*	*2,304*
Oregon	1,351	1,008	736	921
California	17,444	13,158	12,048	11,792
Unspecified	18	36	185	491
Exports direct by manufacturers [1]	7,915	6,974	6,963	9,897

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

Source of tables 863 and 864: Dept. of Interior, Bur. of Mines; Minerals Yearbook.

No. 865.—Cement—Production, by Kind: 1890 to 1945

[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	1929	172,856	170,646	2,209	255,105
1895	8,731	990	7,741	5,482	1930	162,989	161,197	1,792	231,249
1900	17,231	8,482	8,749	13,284	1931	126,671	125,429	1,242	142,580
1905	40,102	35,247	4,855	35,932	1932	77,198	76,741	457	82,718
1910	77,785	76,550	1,235	68,752	1933	63,984	63,473	511	86,229
1915	86,708	85,915	[2] 794	74,285	1934	78,419	77,748	672	117,882
1918	71,515	71,082	[2] 433	114,132	1935	77,748	76,742	1,006	114,810
1919	81,307	80,778	[2] 529	138,714	1936	114,469	112,650	1,819	172,778
1920	100,791	100,023	[2] 767	203,198	1937	118,075	116,175	1,901	171,414
1921	99,381	98,842	[2] 539	187,708	1938	107,178	105,357	1,821	156,703
1922	115,679	114,790	[2] 889	203,324	1939 [3]	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
1928	178,509	176,299	2,210	278,883	1945 [4]	104,289	102,805	1,484	175,431

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

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

No. 866.—Stone—Sales, by Kind and by Use: 1939 to 1945

Variety and use	Quantity sold, thousands of short tons (2,000 pounds) [1]							Value, 1,000 dollars	
	1939	1940	1941	1942	1943	1944	1945	1944	1945
Total	**147,447**	**153,733**	**183,108**	**195,884**	**171,343**	**155,580**	**153,405**	**175,642**	**179,308**
Granite	12,041	10,881	14,299	14,065	9,240	7,395	7,740	17,200	17,053
Basalt and related rocks	16,091	15,716	17,937	17,627	14,385	14,043	14,911	17,159	17,533
Sandstone	8,854	6,499	7,593	6,701	7,408	6,427	4,387	10,985	8,712
Marble	228	240	176	170	169	153	171	4,375	5,285
Limestone	100,846	112,658	133,164	142,488	128,980	115,506	112,574	118,550	121,442
All other	9,387	7,740	9,939	14,835	11,160	12,055	13,622	7,373	9,284
Building stone	1,353	836	816	481	319	200	382	2,769	5,485
Monumental	211	196	237	226	210	243	251	11,397	11,361
Paving blocks	[2] 26	19	[2] 21	19	7	4	2	45	22
Curbing	[2] 94	71	[2] 66	25	12	17	13	194	204
Flagging	65	68	77	52	32	21	21	219	228
Rubble	549	916	729	544	253	135	390	231	549
Riprap	5,812	5,264	5,153	8,764	4,950	4,011	4,801	4,948	5,590
Crushed stone	103,891	100,268	120,964	125,268	99,648	83,081	85,373	78,701	80,430
Furnace flux, limestone and marble	17,288	22,872	27,436	30,263	[3] 31,571	[3] 31,080	[3] 27,640	[3] 25,130	[3] 22,076
Refractory stone	1,492	1,740	2,254	2,718	2,708	2,314	2,527	3,922	4,545
Agricultural limestone	5,459	8,724	11,910	13,745	14,522	18,941	17,396	25,316	25,892
Other uses	11,207	12,757	13,444	13,779	17,113	15,534	14,610	22,770	22,926

[1] Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1945 are as follows: Building stone (cut stone, slabs, and mill blocks), 3,038,120 cubic feet; monumental stone, 3,038,870 cubic feet; paving blocks, 212,570 (number); curbing, 158,260 cubic feet; and flagging, 268,480 cubic feet.
[2] Sandstone paving blocks included with "curbing."
[3] Limestone only.

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

No. 867.—Salt—Production, Exports, and Imports, 1880 to 1945, and Production, by States and by Kind, 1925 to 1945

[**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	123,195	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	1945	15,394,141	190,524	4,553

STATE OR KIND	1925	1930	1935	1940	1943	1944	1945
Production, total	**7,397,500**	**8,054,440**	**7,926,897**	**10,359,960**	**15,214,152**	**15,717,171**	**15,394,141**
By States:							
Michigan	2,172,600	2,558,290	2,128,171	2,863,035	4,284,685	4,287,758	4,285,493
New York	2,053,970	2,009,280	1,927,822	2,117,671	2,926,388	2,925,675	2,862,224
Ohio	1,173,590	1,311,440	1,487,315	2,080,133	2,818,928	2,891,395	2,764,926
Kansas	812,540	759,800	608,204	684,053	945,287	932,238	855,806
Louisiana	500,350	535,250	702,990	1,132,594	1,620,382	1,843,728	1,867,689
California	292,480	350,370	356,222	469,354	596,015	712,558	694,609
Texas	(1)	(1)	268,809	402,165	1,127,854	1,147,397	1,100,791
Utah	88,150	85,240	57,625	71,472	169,810	119,809	122,997
West Virginia	25,870	28,670	65,968	144,312	230,329	359,217	370,260
Other States	277,950	416,100	323,771	395,171	494,474	497,396	469,346
By kinds:							
Manufactured (evaporated)	2,235,170	2,358,610	2,330,042	2,782,741	3,993,899	3,942,621	3,630,729
In brine	2,819,690	3,718,460	3,837,613	5,311,671	7,961,115	8,326,312	8,257,672
Rock salt	2,342,640	1,977,370	1,759,242	2,265,548	3,259,138	3,448,238	3,505,740
Total value [2] (dollars)	26,162,361	25,009,480	21,837,911	26,474,619	43,878,266	45,989,264	46,069,054

[1] Included in "Other States."
[2] F. o. b. mine or refinery; values exclude cost of cooperage or containers.

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

No. 868.—Employment and Injuries in Mineral Industries: 1930 to 1945

Year	Average days active	Working: Average number	Working: Equivalent in 300-day workers	Man-days worked	Killed	Injured: Total	Injured: Except coal mines	Rate[1]: Killed	Rate[1]: Injured Total	Rate[1]: Injured Except coal mines
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	409,202	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	788,925	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	747,645	691,387	207,416,144	1,799	88,470	23,876	2.6	128.0	90.5
1944	286	680,571	648,538	194,561,336	1,567	85,675	19,775	2.4	132.1	88.5
1945[2]	273	639,800	582,717	174,815,000	1,285	76,005	16,655	2.2	130.4	82.8

[1] Number killed or injured per 1,000 300-day workers. [2] Preliminary.

No. 869.—Employment and Injuries in Mineral Industries, by Industry Groups, 1945 and Earlier Years

Year	Working: Avg. number	Working: Equivalent in 300-day workers	Killed	Injured: Temporary	Injured: Permanent
Metal mines:[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
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	100,752	97,579	220	12,585	440
1944	81,744	78,468	147	9,807	385
1945[2]	74,400	70,640	120	8,325	(3)
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
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
1945[2]	59,400	52,340	48	4,210	(3)
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
1938	39,043	37,943	20	2,136	137
1939	41,583	41,981	24	2,081	90
1940	49,068	48,278	18	2,438	144
Metallurgical plants—Con.					
1941	54,349	56,388	34	3,268	142
1942	51,154	56,911	29	3,518	156
1943	64,735	72,542	31	4,443	223
1944	58,085	63,710	38	3,928	230
1945[2]	45,900	51,367	19	3,305	(3)
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
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
1945[2]	23,100	26,703	19	815	(3)
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
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	486,516	427,656	1,451	63,281	1,313
1944[2]	457,500	425,100	1,294	65,900	(3)
1945[2]	437,000	381,667	1,079	59,350	(3)

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

Source of tables 868 and 869: 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.

28. Construction and Housing

No. 870.—Construction in the United States—Estimated Expenditures for Private and Public Construction: 1929 to 1946

[Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. Annual estimates, 1915–28, comparable with data below, available in Office of Domestic Commerce, Bureau of Foreign and Domestic Commerce]

[In millions of dollars]

TYPE OF CONSTRUCTION	1929	1930	1931	1932	1933	1934	1935	1936	1937
Total	**13,767**	**11,571**	**8,865**	**5,447**	**4,365**	**5,670**	**6,018**	**8,833**	**9,326**
New construction, total	9,913	8,059	5,980	3,260	2,223	2,756	3,016	4,714	5,308
Private, total	7,522	5,306	3,416	1,482	1,005	1,221	1,648	2,486	3,274
Residential (excl. farm)[1]	2,797	1,446	1,228	462	278	361	665	1,131	1,372
Nonresidential building	2,822	2,099	1,104	499	404	455	472	712	1,088
Industrial[2]	949	532	221	74	176	191	158	266	492
Warehouses, office and loft bldgs	581	559	259	110	41	62	70	104	128
Stores, restaurants and garages	516	297	178	106	86	107	136	179	250
Other nonresidential	776	711	446	209	101	95	108	163	218
Farm construction	279	193	97	39	69	93	176	189	225
Residential	147	107	59	26	43	54	96	104	118
Nonresidential	132	86	38	13	26	39	80	85	107
Public utility	1,624	1,568	987	482	254	312	335	454	589
Railroad	510	521	292	139	94	128	116	149	199
Telephone and telegraph	354	333	166	87	45	47	52	67	102
Other public utility	760	714	529	256	115	137	167	238	288
Public, total	2,391	2,753	2,564	1,778	1,218	1,535	1,368	2,228	2,034
Residential	------	------	------	------	------	1	9	61	93
Nonresidential building	622	623	578	392	193	256	179	597	459
Industrial[2]	(2)	(2)	(2)	(2)	2	11	2	4	2
Educational	367	344	269	123	43	110	36	323	221
Hospital and institutional	95	111	104	78	43	41	31	63	62
Other nonresidential	160	168	205	191	105	94	110	207	174
Military and naval	19	29	40	34	36	47	37	29	37
Highway	1,248	1,481	1,323	916	675	821	622	876	850
Sewer and water	253	343	270	156	81	116	137	208	174
Misc. public service enterprises	150	157	209	135	61	41	59	111	101
Conservation and development	86	111	135	139	168	245	317	339	310
All other Federal	13	9	9	6	4	8	8	7	10
Work relief	------	------	------	------	*114*	*578*	*406*	*1,130*	*775*
Maintenance and repair	3,854	3,512	2,885	2,187	2,028	2,336	2,596	2,989	3,243

TYPE OF CONSTRUCTION	1938	1939	1940	1941	1942	1943	1944	1945	1946
Total	**9,283**	**10,440**	**11,254**	**14,817**	**17,510**	**11,739**	**8,386**	**9,258**	**15,667**
New construction, total	5,018	6,062	6,807	10,308	13,353	7,734	4,073	4,595	10,007
Private, total	2,941	3,619	4,199	5,238	2,908	1,669	1,746	2,547	7,856
Residential (excl. farm)[1]	1,511	2,114	2,355	2,765	1,315	650	535	670	3,300
Nonresidential building	764	785	1,028	1,486	635	232	350	1,014	3,350
Industrial	232	254	442	801	346	156	208	642	1,689
Warehouses, office and loft bldgs	89	76	85	114	57	13	16	52	313
Stores, restaurants and garages	190	211	257	286	93	19	39	147	801
Other nonresidential	253	244	244	285	139	44	87	173	547
Farm construction	196	226	236	303	271	292	213	191	350
Residential	104	120	127	174	144	185	136	116	212
Nonresidential	92	106	109	129	127	107	77	75	138
Public utility	470	494	580	684	687	495	648	672	856
Railroad	119	137	167	187	197	211	247	264	248
Telephone and telegraph	92	93	122	179	155	61	83	117	304
Other public utility	259	264	291	318	335	223	318	291	304
Public, total	2,077	2,443	2,608	5,070	10,445	6,065	2,327	2,048	2,151
Residential	35	65	200	430	545	700	190	71	387
Nonresidential building	556	835	519	1,540	3,634	1,800	638	652	319
Industrial	12	23	164	1,280	3,437	1,668	507	470	84
Educational	266	418	132	135	116	62	41	59	101
Hospital and institutional	83	114	50	34	32	43	58	85	85
Other nonresidential	195	280	173	91	49	27	32	38	49
Military and naval	62	125	385	1,620	5,016	2,550	837	690	188
Highway	837	835	875	850	675	450	360	342	706
Sewer and water	179	162	194	168	139	102	79	97	194
Misc. public service enterprises	94	91	90	63	36	43	46	55	87
Conservation and development	299	310	310	354	350	285	163	130	240
All other Federal	*15*	*20*	*35*	*45*	*50*	*135*	*14*	*11*	*30*
Work relief	1,202	1,032	805	627	291	30	------	------	------
Maintenance and repair	3,063	3,346	3,642	3,882	3,866	3,975	4,313	4,663	5,660

[1] Estimates of new private nonfarm residential construction prepared by Bureau of Labor Statistics.
[2] Public industrial building not segregable from private construction in 1929–1932.

Source: Estimates of new construction for 1939–46 are joint estimates of Dept. of Commerce, Bureau of Foreign and Domestic Commerce, and Dept. of Labor, Bureau of Labor Statistics; other data except as indicated in note 1, are estimates of Bureau of Foreign and Domestic Commerce. Current estimates are published monthly in the Industry Report on Construction and Construction Materials and Survey of Current Business.

No. 871.—New Dwelling Units in Nonfarm Areas, by Type: 1920 to 1946

[Figures are estimates covering construction of all new family dwelling units in nonfarm area of United States, based upon building-permit reports. This area consists of all urban and rural nonfarm places. 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	247,000	163,000	84,000	221,000	10,000	16,000
1946	796,000	530,000	266,000	712,000	26,000	58,000

[1] Urban and rural nonfarm classification 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. 872.—Building Construction in All Urban Areas—Value, by Class of Construction and by Source of Funds: 1945 and 1946

[**In thousands of dollars.** Compiled from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. Covers entire urban area of 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	Total		Nonfederal		Federal	
	1945	1946 [1]	1945	1946 [1]	1945	1946 [1]
All building construction	**2,126,948**	**4,664,504**	**1,877,052**	**4,290,600**	**249,896**	**[2] 373,904**
New buildings	**1,617,007**	**3,897,808**	**1,396,976**	**3,562,325**	**220,031**	**[2] 335,483**
Residential buildings	768,992	2,446,763	737,232	2,147,255	31,760	[2] 299,508
1-family dwellings	665,958	2,064,217	636,616	1,830,396	29,342	233,821
2-family dwellings [3]	31,728	102,753	31,728	102,753	----------	----------
Multifamily dwellings [4]	54,885	225,927	54,885	180,738	----------	[2] 45,189
Nonhousekeeping buildings	16,421	53,866	14,003	33,368	2,418	20,498
Nonresidential buildings	848,015	1,451,045	659,744	1,415,070	188,271	35,975
Amusement buildings	15,524	33,123	14,830	33,123	694	----------
Churches	17,369	36,939	17,329	36,939	40	----------
Factories and workshops	263,616	396,923	216,096	395,249	47,520	1,674
Public garages	33,598	73,479	33,598	73,479	----------	----------
Private garages	29,995	58,484	29,995	58,484	----------	----------
Service stations	9,106	23,088	9,106	23,088	----------	----------
Institutions	66,348	50,562	25,636	41,594	40,712	8,968
Office buildings	30,670	83,998	30,505	83,998	165	----------
Public buildings	82,274	19,749	2,018	3,625	80,256	16,124
Public works and utilities	34,661	101,241	24,925	92,032	9,736	9,209
Schools and libraries	28,851	88,791	21,665	88,791	7,186	----------
Sheds, stables and barns	8,006	12,212	7,981	12,212	25	----------
Stores and warehouses	215,362	455,811	215,271	455,811	91	----------
All other	12,635	16,645	10,789	16,645	1,846	----------
Additions, alterations and repairs	**509,941**	**766,696**	**480,076**	**728,275**	**29,865**	**38,421**
On residential buildings	195,070	325,783	194,241	301,062	829	24,721
Housekeeping dwellings	187,480	312,933	186,978	289,271	502	23,662
Nonhousekeeping buildings	7,590	12,850	7,263	11,791	327	1,059
On nonresidential buildings	314,871	440,913	285,835	427,213	29,036	13,700

[1] Preliminary.
[2] Includes $45,189,000, estimated cost of 8,027 dwelling units built by New York City Housing Authority.
[3] Includes 1- and 2-family dwellings with stores.
[4] 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. 873.—Construction Projects Financed Wholly or Partially From Federal Funds—Value of Contracts Awarded and Force Account Work Started: 1935 to 1946.

[**In thousands of dollars.** Covers continental U. S. only, excluding unknown value of some secret work]

Type of project	1935	1939	1941	1943	1945	1946
Total	**1,478,073**	**1,686,874**	**4,705,245**	**2,522,549**	**997,251**	**1,532,785**
Airport construction [1]	(2)	4,753	232,161	235,321	40,776	8,699
Building construction:						
Residential	7,833	231,071	320,063	397,770	46,729	390,536
Nonresidential	[3] 434,949	438,151	3,395,086	1,345,855	561,674	97,779
Electrification	5,497	130,045	86,782	24,391	114,615	239,340
Reclamation	158,027	115,612	41,863	97,129	31,415	536,208
River, harbor, and flood control	280,698	109,811	118,665	54,467	41,036	169,060
Streets, roads, and highways [4]	381,037	355,701	442,805	161,852	100,994	69,755
Water and sewerage	136,243	118,131	22,243	37,701	22,755	3,878
Miscellaneous [5]	73,789	183,599	45,577	168,063	37,257	17,530

[1] Exclusive of hangars and other buildings. [2] Included in miscellaneous.
[3] Includes all contracts awarded by 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 data published in monthly releases and in Monthly Labor Review.

No. 874.—Construction Contracts Awarded in 37 States—Value of Construction and Floor Space of Buildings, by Class of Construction: 1927 to 1946

[For State figures, see table 875. 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 875 represent the value of construction contracts awarded in the States and districts where the work was actually done]

[Values in 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
1946	7,489.7	3,142.1	773.2	1,317.3	1,194.7	436.6	221.4	130.9	25.1	67.6	92.5	88.3
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	568,382	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	12,453	11,331	1,858	4,569	8,097	26,423
1946	959,610	516,256	118,563	235,238	919	10,537	25,883	15,245	2,211	8,404	11,292	15,060

[1] Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."
[2] Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."
[3] Excludes data for 23 Civil Works Program projects, valued at $29,551,900, not available by class of construction.

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

No. 875.—Construction Contracts Awarded in 37 States—Value by Districts and States: 1939 to 1946

[Value in thousands of dollars. See headnote, table 874]

DISTRICT AND STATE	1939	1940	1941	1942	1943	1944	1945	1946
Total (37 states)	**3,550,543**	**4,003,957**	**6,007,474**	**8,255,061**	**3,273,990**	**1,994,016**	**3,299,303**	**7,489,722**
New England	**255,223**	**324,695**	**439,407**	**415,903**	**190,756**	**88,778**	**164,627**	**563,411**
Connecticut	76,781	84,789	128,405	94,175	54,901	23,623	55,313	172,129
Maine	8,193	13,774	35,567	47,967	27,427	6,531	6,816	38,347
Massachusetts	126,990	150,145	200,131	152,946	74,113	39,988	82,895	292,511
New Hampshire	12,354	11,574	23,911	19,344	2,789	3,456	4,704	17,367
Rhode Island	23,692	55,203	43,158	96,466	27,038	13,980	12,121	29,741
Vermont	7,213	9,210	8,235	5,005	4,488	1,200	2,778	13,316
Metrop. N. Y. and No. N. J.	**547,176**	**488,360**	**561,699**	**421,722**	**165,443**	**156,949**	**247,454**	**897,443**
Northern New Jersey	116,018	125,327	190,607	195,810	72,986	103,743	101,618	307,756
Metropolitan New York [1]	431,158	363,033	371,092	225,912	92,457	53,206	145,836	589,687
Upstate New York [2]	**138,691**	**111,198**	**174,856**	**316,581**	**77,604**	**54,612**	**79,289**	**269,767**
Middle Atlantic	**433,455**	**577,747**	**863,729**	**1,167,468**	**485,371**	**337,381**	**458,308**	**958,407**
Delaware	13,635	16,612	13,255	34,192	15,332	7,837	13,913	17,918
District of Columbia	77,175	64,790	84,011	101,974	33,682	30,382	41,510	61,633
Maryland	80,833	122,564	193,571	228,822	106,942	83,951	101,725	297,933
Southern New Jersey	24,738	39,240	39,308	38,089	39,487	14,157	30,745	71,995
Eastern Pennsylvania	158,572	165,648	283,312	351,385	116,686	93,807	157,784	316,033
Virginia	78,502	168,893	250,272	413,006	173,242	107,247	112,631	192,895
Southeast	**373,123**	**529,678**	**900,115**	**1,113,353**	**703,820**	**256,159**	**483,917**	**1,025,337**
Alabama	42,352	56,630	157,706	204,128	65,493	30,484	50,870	141,245
Florida	92,223	167,058	157,603	290,697	164,556	81,256	106,027	287,847
Georgia	64,837	91,277	158,910	188,641	73,711	42,300	66,759	195,737
North Carolina	68,402	80,843	200,331	170,694	91,438	46,293	80,564	180,286
South Carolina	41,077	48,833	87,579	110,324	52,160	21,784	21,948	119,020
Eastern Tennessee	64,232	85,037	137,986	148,869	256,462	34,042	157,749	101,202
Pittsburgh	**141,348**	**143,421**	**197,758**	**252,198**	**62,975**	**61,515**	**91,797**	**245,649**
Western Pennsylvania	104,837	102,808	137,190	182,181	40,654	35,799	60,953	161,577
West Virginia	36,511	40,613	60,568	70,017	22,321	25,716	30,844	84,072
Cleveland (North and East Ohio)	**194,950**	**195,725**	**259,807**	**369,341**	**146,942**	**99,071**	**184,027**	**431,438**
Cincinnati	**216,803**	**127,789**	**198,178**	**268,437**	**105,345**	**46,605**	**110,110**	**235,520**
Kentucky	167,166	56,555	106,424	169,822	34,954	22,338	45,565	100,582
Southwest Ohio	49,637	71,234	91,754	98,615	70,391	24,267	64,545	134,938
Southern Michigan	**155,998**	**211,307**	**270,524**	**260,062**	**160,769**	**85,619**	**173,979**	**390,318**
Chicago	**401,282**	**442,113**	**725,895**	**1,035,388**	**273,449**	**258,952**	**509,695**	**963,007**
Northern Illinois	191,559	179,615	265,426	363,617	119,354	99,007	201,114	426,158
Indiana	87,155	125,990	254,783	403,562	89,772	66,032	184,712	253,837
Iowa	55,206	58,801	111,347	65,255	35,785	33,297	48,792	118,846
Northern Michigan	5,898	5,481	7,591	36,954	908	2,551	2,680	12,254
Southeast Wisconsin	61,464	72,226	86,748	166,000	27,630	58,065	72,397	151,912
St. Louis	**196,930**	**216,916**	**392,431**	**510,643**	**126,918**	**110,985**	**214,991**	**320,689**
Arkansas	29,172	29,103	83,195	153,499	44,555	42,251	76,568	88,103
Southern Illinois	78,380	77,977	91,828	186,355	38,597	30,531	46,043	65,597
Eastern Missouri	71,242	88,506	155,769	87,946	20,097	27,800	63,314	105,385
Western Tennessee	18,136	21,330	61,639	82,843	23,669	10,403	29,066	61,604
New Orleans	**93,279**	**122,164**	**200,484**	**381,612**	**121,203**	**73,481**	**70,413**	**119,327**
Louisiana	61,677	70,066	135,246	182,789	82,345	52,796	46,312	74,638
Mississippi	31,602	52,098	65,238	198,823	38,858	20,685	24,101	44,689
Minneapolis	**95,018**	**93,585**	**125,539**	**251,889**	**39,695**	**40,823**	**83,335**	**243,648**
Minnesota	69,446	66,132	94,021	153,613	18,548	27,967	56,635	170,748
North Dakota	8,364	7,335	8,658	3,445	3,710	4,400	6,703	22,747
South Dakota	7,696	9,817	10,799	36,899	13,090	4,228	7,626	28,381
Northwest Wisconsin	9,512	10,301	12,061	57,932	4,347	4,228	12,371	21,772
Kansas City	**127,930**	**165,407**	**299,314**	**652,231**	**294,432**	**163,230**	**162,757**	**292,252**
Kansas	35,478	51,989	100,683	264,352	80,025	67,551	49,511	92,988
Western Missouri	24,101	33,483	49,818	69,500	11,266	16,048	30,080	59,315
Nebraska	33,938	25,568	29,618	158,808	83,150	43,447	38,217	50,025
Oklahoma	34,413	54,367	119,195	159,571	119,991	36,184	44,949	89,924
Texas	**179,337**	**253,852**	**397,738**	**838,233**	**319,268**	**159,856**	**264,604**	**533,509**
Totals for States in more than one district:								
Illinois	269,939	257,592	357,254	549,972	157,951	129,538	247,157	491,755
Michigan	161,896	216,788	278,115	297,016	161,677	88,170	176,659	402,572
Missouri	95,343	121,989	205,587	157,446	31,363	43,848	93,394	164,700
New Jersey	140,756	164,567	229,915	233,899	112,473	117,900	132,363	379,751
New York	569,849	474,231	545,948	542,493	170,061	107,818	225,125	859,454
Ohio	244,587	266,959	351,561	467,956	217,333	123,338	248,572	566,376
Pennsylvania	263,409	268,456	420,502	533,566	157,340	129,606	218,737	477,610
Tennessee	82,368	106,367	199,625	231,712	280,131	44,445	186,815	162,806
Wisconsin	70,976	82,527	98,809	223,932	31,977	62,293	84,768	173,684

[1] Includes 5 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.
[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. 876.—Construction Contracts Awarded—Indexes of Value: 1920 to 1946

[**1923-25 average=100.** Indexes are derived from monthly figures of construction contracts awarded reported by 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, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. For more detailed description of indexes, see 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
1920	63	30	90	1941	122	89	149	**1945**—Con.			
1921	56	44	65	1942	166	82	235	August	61	24	91
1922	79	68	88	1943	68	40	92	September	69	26	104
1923	84	81	86	1944	41	16	61	October	83	36	121
1924	94	95	94	1945	68	26	102	November	94	44	134
1925	122	124	120	1946	153	143	161	December	108	56	150
1926	129	121	135								
1927	129	117	139	**1944**				**1946**			
1928	135	126	142	September	39	13	61	January	107	61	145
1929	117	87	142	October	42	13	65	February	136	95	169
1930	92	50	125	November	46	13	73	March	147	129	161
1931	63	37	84	December	51	14	81	April	170	172	168
1932	28	13	40					May	169	179	161
1933	25	11	37	**1945**				June	174	177	172
1934	32	12	48	January	48	14	75	July	165	161	168
1935	37	21	50	February	59	13	96	August	158	157	158
1936	55	37	70	March	72	15	118	September	151	147	155
1937	59	41	74	April	70	18	112	October	145	140	148
1938	64	45	80	May	58	20	89	November	139	122	152
1939	72	60	81	June	50	22	73	December	154	143	163
1940	81	72	89	July	54	23	79				

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

No. 877.—Engineering Construction Contracts Awarded—Volume, by Type: 1925 to 1946

[**In millions of dollars.** Covers continental U. S. construction projects of following minimum costs through 1945 (except for 1932-35): Waterworks, excavation, drainage, and irrigation, $15,000; other public works, $25,000; industrial buildings, $40,000; other buildings, $150,000. For 1946, these minimums were raised to $22,500, $40,000, $55,000, and $205,000, respectively, to account for rise in construction costs. For 1932-35, minimums used were: $10,500, $17,500, $28,000, and $105,000]

YEAR	Total	PUBLIC WORKS CONTRACTS					BUILDINGS			Unclassified
		Waterworks	Sewerage	Bridges	Earthwork, irr., drain.	Streets, roads	Industrial	Commercial	Public	
1925	2,559	71	85	70	62	423	228	1,176	204	240
1926	2,854	62	104	87	55	486	312	1,277	227	244
1927	3,254	54	118	144	68	528	321	1,398	254	368
1928	3,579	100	101	133	74	617	355	1,596	290	313
1929	3,950	49	88	137	77	542	547	1,670	356	484
1930	3,173	49	83	131	77	585	331	1,034	356	528
1931	2,432	57	73	116	143	545	166	561	384	387
1932	1,219	35	25	84	101	380	93	166	241	95
1933	1,068	67	22	98	137	288	152	106	121	77
1934	1,361	92	61	99	266	345	105	81	204	106
1935	1,590	81	100	98	259	325	172	109	298	148
1936	2,387	92	121	188	182	483	309	275	436	300
1937	2,437	104	95	133	110	415	477	460	333	309
1938	2,792	131	136	135	268	638	152	550	503	279
1939	3,003	163	160	151	233	644	283	388	593	390
1940	3,987	70	91	120	234	678	594	400	1,196	603
1941	5,869	77	89	112	245	583	496	486	2,786	996
1942	[1] 9,306	151	118	50	251	531	200	292	5,678	2,034
1943	[2] 3,062	46	41	26	47	227	167	231	1,419	858
1944	1,730	33	32	17	64	196	174	140	658	416
1945	2,289	61	35	53	57	227	635	387	463	371
1946	5,176	109	114	129	328	769	1,113	1,846	414	354

[1] $1,300 millions canceled by W. P. B. [2] Add $1,357 millions for Atomic Bomb plants.

Source: Market and Media File, MKT. 1-5, Feb. 15, 1946; and Engineering Construction Markets, January 1947; published by Engineering News-Record and Construction Methods, New York, N. Y.

No. 878.—Engineering Construction Contracts Awarded—Volume, by Type By States: 1946

[**In thousands of dollars.** Covers continental U.S. construction projects of following minimum costs: Waterworks, excavation, drainage, and irrigation, $22,500; other public works, $40,000; industrial buildings, $55,000; other buildings, $205,000]

State	Total	Public works contracts					Buildings			Unclassified
		Waterworks	Sewerage	Bridges	Earthwork, irr., drain.	Streets, roads	Industrial	Commercial	Public	
United States	**5,176,034**	**109,159**	**113,589**	**128,671**	**327,605**	**769,387**	**1,113,251**	**1,846,173**	**414,087**	**354,112**
Alabama	121,005	1,614	1,375	1,264	419	22,820	22,084	51,004	11,381	9,044
Arizona	37,759	--------	197	--------	22,752	3,328	1,830	1,250	3,331	5,071
Arkansas	26,667	1,279	511	540	2,653	8,179	4,701	440	5,554	2,810
California	714,336	8,601	22,208	16,984	51,794	53,452	118,696	348,854	35,638	58,109
Colorado	28,970	533	292	174	21,337	3,758	50	925	1,076	825
Connecticut	85,781	1,048	1,847	4,785	1,092	9,528	21,244	39,727	4,550	1,960
Delaware	48,960	218	69	--------	86	1,724	14,731	31,298	391	443
Dist. of Columbia	19,302	61	1,116	879	98	2,366	766	5,701	7,976	339
Florida	118,842	3,766	2,099	4,652	5,344	18,333	35,003	32,041	6,925	10,679
Georgia	144,112	3,918	1,315	3,563	13,579	25,002	44,985	40,493	6,128	5,129
Idaho	20,068	--------	172	546	3,877	5,680	7,774	500	936	583
Illinois	202,552	3,279	23,731	7,479	4,108	26,933	62,252	48,224	15,058	11,488
Indiana	65,769	2,497	909	2,490	503	19,622	14,466	16,334	6,452	2,496
Iowa	76,004	695	660	4,285	1,842	15,302	41,875	2,150	4,210	4,985
Kansas	53,502	735	1,114	3,896	11,078	22,918	2,820	8,304	164	2,473
Kentucky	32,716	133	--------	2,639	6,140	18,561	810	825	2,722	886
Louisiana	48,928	1,417	1,214	1,029	7,853	10,095	9,606	11,661	3,617	2,436
Maine	30,411	29	--------	6,180	17	13,932	2,215	4,240	2,696	1,102
Maryland	104,772	1,039	1,843	4,893	133	7,311	18,668	45,992	14,956	9,937
Massachusetts	137,388	2,682	3,508	1,394	1,880	9,604	16,490	81,029	13,564	7,237
Michigan	121,084	10,457	1,218	3,524	264	17,271	52,869	9,357	24,438	1,686
Minnesota	57,940	1,122	2,223	146	1,369	17,952	16,328	9,436	5,933	3,431
Mississippi	36,186	--------	75	21	3	12,381	12,033	5,398	2,245	4,030
Missouri	124,155	333	243	1,811	6,781	14,040	53,059	34,663	3,317	9,908
Montana	19,813	609	319	512	2,153	8,580	738	800	4,225	1,877
Nebraska	26,390	48	191	--------	6,694	8,606	1,665	3,737	2,851	2,598
Nevada	13,648	--------	78	--------	655	6,199	80	5,450	775	411
New Hampshire	9,960	40	--------	720	845	2,041	4,021	1,670	538	85
New Jersey	105,699	341	916	3,334	2,285	9,400	27,056	57,758	1,904	2,705
New Mexico	22,095	439	70	--------	2,103	10,154	40	300	7,163	1,826
New York	369,302	22,648	5,765	15,146	12,923	42,030	21,717	133,474	80,638	34,961
North Carolina	68,766	2,470	712	2,426	71	23,761	10,119	9,472	10,813	8,922
North Dakota	14,790	635	401	1,303	64	4,714	110	--------	2,380	5,183
Ohio	180,992	4,153	2,397	3,588	3,890	24,971	58,962	52,287	8,701	22,043
Oklahoma	64,315	779	1,671	4,231	23,804	19,755	1,344	2,150	6,542	4,039
Oregon	163,422	2,474	1,166	1,322	2,315	15,560	16,735	109,770	5,834	8,246
Pennsylvania	580,291	4,957	3,765	2,809	3,730	53,825	72,705	416,232	8,418	13,850
Rhode Island	21,594	413	30	48	43	92	4,872	8,640	6,122	1,334
South Carolina	91,609	1,351	1,371	5,258	5,242	19,566	34,235	11,122	8,715	4,749
South Dakota	18,209	116	195	177	4,693	6,708	350	--------	4,860	1,110
Tennessee	109,674	1,590	968	2,242	20,164	13,294	51,422	11,864	6,963	1,167
Texas	485,860	11,805	14,770	4,030	12,984	63,434	154,858	137,850	29,164	56,965
Utah	9,637	413	162	194	1,057	3,743	1,604	1,125	689	650
Vermont	7,374	--------	--------	436	2,429	2,892	415	650	457	95
Virginia	59,019	1,034	3,476	1,370	915	25,243	12,890	5,591	6,067	2,433
Washington	157,996	5,678	2,172	3,805	39,944	12,588	23,238	37,917	17,904	14,750
West Virginia	33,289	--------	30	724	1,838	6,942	20,021	925	1,084	1,725
Wisconsin	62,428	1,010	5,025	724	454	19,006	18,699	7,543	5,978	3,989
Wyoming	22,653	700	--------	1,098	11,308	6,191	--------	--------	2,044	1,312

Source: Engineering Construction Markets, January 1947; published by Engineering News-Record and Construction Methods, New York, N. Y.

No. 879.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1942 to 1946

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered see table 872. Cities shown had a population of 50,000 and over in 1940]

City	Value of all construction ($1,000)					Number of new dwelling units				
	1942	1943	1944	1945	1946 [1]	1942	1943	1944	1945	1946 [1]
Akron, Ohio	5,784	15,926	7,838	10,300	13,896	877	2,520	635	850	1,381
Albany, N. Y	1,123	560	727	1,471	4,971	42	-------	-------	11	108
Allentown, Pa	1,040	2,113	1,890	1,658	4,612	202	416	391	24	375
Altoona, Pa	325	368	406	728	1,458	3	1	1	8	185
Amarillo, Tex	958	641	1,264	3,833	14,840	191	150	346	545	1,193
Arlington Co., Va. [2]	30,039	16,143	7,037	6,874	14,023	6,102	3,640	557	523	1,458
Asheville, N. C	135	217	261	1,319	1,636	7	4	14	55	231
Atlanta, Ga	2,213	1,993	4,070	8,665	23,071	385	289	604	534	1,385
Atlantic City, N. J	3,895	400	1,331	1,685	1,466	-------	-------	1	5	8
Augusta, Ga	1,167	646	369	554	1,958	97	1	14	51	263
Austin, Tex	1,584	438	661	5,229	18,701	223	120	179	744	3,777
Baltimore, Md	65,415	11,932	11,210	12,361	49,902	4,425	2,629	944	665	5,045
Bayonne, N. J	1,888	986	1,274	1,777	1,777	123	-------	-------	1	198
Beaumont, Tex	4,402	352	805	1,729	3,718	1,654	75	239	190	663
Berkeley, Calif	2,677	6,290	2,856	4,331	7,156	269	2,571	540	283	389
Bethlehem, Pa	1,892	1,545	483	788	2,412	374	410	2	33	137
Binghamton, N. Y	790	722	715	3,069	3,091	20	-------	1	33	372
Birmingham, Ala	13,589	3,773	3,207	5,636	15,570	369	60	129	354	2,067
Boston, Mass. [3]	21,150	6,056	4,886	10,404	42,618	277	27	-------	48	995
Bridgeport, Conn	6,619	4,884	1,009	2,736	5,295	991	623	40	58	222
Brockton, Mass	242	212	251	587	1,682	4	1	-------	21	127
Buffalo, N. Y	10,425	6,235	3,911	4,596	16,197	483	933	61	149	270
Cambridge, Mass	1,895	1,483	1,519	2,038	8,870	41	-------	2	101	766
Camden, N. J	16,697	1,165	768	2,440	5,370	1,440	138	2	42	362
Canton, Ohio	4,030	2,785	1,147	2,139	4,672	216	405	54	128	364
Cedar Rapids, Iowa	938	1,648	1,170	2,218	5,595	67	9	60	119	655
Charleston, S. C	7,434	974	1,190	2,842	1,494	1,680	26	11	35	44
Charleston, W. Va	6,539	1,426	401	2,654	2,905	87	25	5	67	228
Charlotte, N. C	1,189	275	803	4,217	9,700	182	2	2	208	1,129
Chattanooga, Tenn	1,243	569	710	2,128	4,797	85	14	10	150	580
Chester, Pa	37,189	1,238	181	676	3,639	1,285	310	2	13	355
Chicago, Ill	98,290	69,775	35,751	63,198	121,573	3,870	4,065	3,970	4,727	7,341
Cicero, Ill	2,778	1,447	1,413	2,747	2,707	98	197	191	223	76
Cincinnati, Ohio	6,616	2,140	2,460	7,517	25,268	575	24	9	410	2,132
Cleveland, Ohio	34,511	23,774	22,271	24,872	38,675	1,461	3,011	1,821	881	1,840
Cleveland Heights, Ohio	586	509	304	2,398	1,361	61	123	49	236	99
Columbia, S. C	997	243	166	1,243	2,514	166	59	7	137	555
Columbus, Ga	533	279	794	1,842	3,483	85	3	182	145	120
Columbus, Ohio	9,528	2,066	1,732	7,444	19,288	1,909	363	69	495	2,516
Corpus Christi, Tex	3,881	1,802	2,855	3,775	9,672	510	338	356	641	1,064
Covington, Ky	84	48	74	(4)	(4)	3	-------	-------	(4)	(4)
Dallas, Tex	6,741	5,879	7,105	17,477	44,640	1,192	1,430	1,620	1,459	5,546
Davenport, Iowa	1,863	629	553	1,475	3,891	381	8	8	92	366
Dayton, Ohio	4,896	10,168	3,350	12,466	10,533	820	2,968	323	652	859
Dearborn, Mich	21,883	12,905	2,192	6,771	9,819	1,094	1,146	119	162	628
Decatur, Ill	1,022	929	1,128	606	2,323	187	129	244	50	247
Denver, Colo	25,342	2,688	4,716	16,305	29,914	640	288	556	2,403	5,181
Des Moines, Iowa	5,244	316	3,474	3,980	13,049	543	11	15	121	1,393
Detroit, Mich	62,953	46,978	34,161	67,975	117,077	8,598	9,166	3,709	4,027	9,500
Duluth, Minn	2,508	2,068	1,054	1,712	4,340	95	13	21	64	464
Durham, N. C	1,452	497	482	2,065	4,360	415	65	2	107	326
East Chicago, Ind	32,328	1,765	1,046	2,436	3,570	25	8	42	18	46
East Orange, N. J	797	549	451	850	1,874	1	61	-------	2	214
East St. Louis, Ill	420	682	666	1,675	3,206	78	2	11	49	191
Elizabeth, N. J	684	780	542	849	2,624	75	114	-------	13	289
El Paso, Tex	2,891	449	1,346	2,448	5,312	157	47	199	127	707
Erie, Pa	9,401	4,722	1,094	2,152	5,750	640	302	61	97	618
Evanston, Ill	535	130	718	4,425	6,722	35	-------	31	159	435
Evansville, Ind	3,896	4,116	1,532	2,599	3,571	887	1,918	351	123	311
Fall River, Mass	392	150	393	914	2,005	17	1	1	16	194
Flint, Mich	7,410	3,672	3,330	6,422	10,408	250	576	301	243	890
Fort Wayne, Ind	3,032	1,158	1,094	2,255	6,907	484	82	118	142	790
Fort Worth, Tex	6,758	6,798	4,569	9,241	24,091	1,902	2,371	1,133	1,558	4,234
Fresno, Calif	673	876	1,318	3,103	8,448	47	-------	206	255	857
Galveston, Tex	2,668	2,228	888	1,349	2,950	312	734	192	66	261

For footnotes, see p. 777.

No. 879.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1942 to 1946—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1942	1943	1944	1945	1946 [1]	1942	1943	1944	1945	1946 [1]
Gary, Ind	14,430	1,632	2,221	3,062	6,079	588	84	337	303	686
Glendale, Calif	1,637	344	1,597	4,098	8,192	176	38	359	454	857
Grand Rapids, Mich	4,988	1,044	1,236	5,431	8,609	88	-------	33	331	873
Greensboro, N. C	635	552	312	3,591	4,352	59	2	19	147	516
Hamilton, Ohio	3,274	503	150	541	2,485	321	33	1	43	301
Hammond, Ind	3,961	2,395	1,964	6,063	6,937	770	164	166	227	654
Harrisburg, Pa	4,193	867	1,970	866	4,149	120	119	115	12	334
Hartford, Conn	5,086	3,725	1,057	2,925	10,402	513	636	8	23	366
Highland Park, Mich	4,363	535	661	2,192	1,351	1	-------	-------	3	2
Hoboken, N. J	358	2,190	481	682	1,780	-------	-------	-------	-------	-------
Holyoke, Mass	1,329	412	273	614	1,826	248	52	2	24	36
Houston, Tex	15,784	6,273	10,314	45,336	54,004	1,400	1,563	1,517	1,980	5,709
Huntington, W. Va	874	202	1,024	2,100	3,970	98	6	40	160	754
Indianapolis, Ind	11,294	2,997	6,049	6,874	13,886	1,346	308	494	523	1,791
Irvington, N. J	554	631	971	517	799	65	182	246	13	36
Jackson, Miss	1,391	531	895	3,662	6,808	285	100	199	382	847
Jacksonville, Fla	12,670	6,756	5,152	7,879	15,686	660	1,775	509	585	1,460
Jersey City, N. J	3,027	1,683	1,209	1,295	3,530	416	-------	1	-------	377
Johnstown, Pa	1,070	175	170	851	1,582	225	1	1	5	40
Kalamazoo, Mich	558	264	572	2,061	2,811	31	1	3	4	271
Kansas City, Kans	837	612	2,672	2,076	2,997	100	124	519	117	295
Kansas City, Mo	4,856	4,194	6,684	9,401	17,973	128	35	631	228	1,545
Knoxville, Tenn	1,060	818	4,317	4,426	13,089	185	83	765	287	1,122
Lakewood, Ohio	305	880	200	667	1,409	34	217	7	32	329
Lancaster, Pa	871	554	432	638	1,628	18	48	30	17	118
Lansing, Mich	2,529	865	1,517	1,969	4,368	206	46	30	71	391
Lawrence, Mass	338	202	348	924	1,611	22	1	1	7	49
Lincoln, Nebr	771	742	1,439	2,113	6,965	55	70	127	159	457
Little Rock, Ark	1,100	381	1,156	2,890	7,583	174	43	85	343	431
Long Beach, Calif	9,046	10,816	16,673	16,073	37,426	1,640	2,971	3,354	2,697	3,330
Los Angeles, Calif	92,302	39,591	66,295	91,570	227,150	15,049	3,408	9,091	8,063	24,630
Louisville, Ky	10,078	4,471	4,613	7,994	16,071	1,323	613	259	302	1,877
Lowell, Mass	381	155	211	419	1,737	8	3	3	4	323
Lynn, Mass	8,353	861	597	686	2,767	45	3	1	11	211
Macon, Ga	335	759	892	1,150	(4)	23	153	23	27	(4)
Madison, Wis	1,085	1,394	830	2,621	5,203	68	73	25	215	399
Malden, Mass	515	352	166	234	1,946	142	84	1	4	82
Manchester, N. H	2,529	288	405	1,080	3,660	121	3	4	65	344
McKeesport, Pa	1,251	427	195	521	1,203	258	39	4	9	36
Medford, Mass	221	250	62	377	1,077	20	-------	1	5	74
Memphis, Tenn	11,144	4,225	7,927	15,305	22,251	998	686	140	1,253	2,488
Miami, Fla	3,050	6,196	1,640	14,564	26,387	173	-------	459	1,438	2,615
Milwaukee, Wis	12,290	7,077	6,368	16,657	35,846	1,043	767	402	1,125	2,783
Minneapolis, Minn	6,483	2,521	6,077	16,384	28,882	394	4	92	872	2,936
Mobile, Ala	11,905	2,961	1,297	3,736	5,351	2,710	621	310	270	771
Montgomery, Ala	1,034	284	1,822	3,616	3,705	389	79	431	356	562
Mount Vernon, N. Y	168	101	134	869	1,561	2	-------	-------	212	66
Nashville, Tenn	550	3,157	1,536	4,160	8,150	62	16	53	238	721
Newark, N. J	7,223	5,709	2,751	6,319	10,929	45	70	129	298	419
New Bedford, Mass	346	384	796	744	2,629	15	-------	1	28	268
New Britain, Conn	4,053	442	397	2,185	2,874	765	20	7	43	270
New Haven, Conn	2,778	1,477	1,395	2,929	8,278	470	79	14	35	632
New Orleans, La	25,194	27,664	20,237	7,362	15,049	500	982	4,563	1,731	2,427
New Rochelle, N. Y	461	183	167	964	2,351	19	-------	1	29	192
Newton, Mass	522	313	271	941	3,516	63	7	-------	90	941
New York, N. Y.: [5]										
Bronx	4,196	2,636	4,776	2,504	10,283	111	4	17	104	906
Brooklyn	32,183	7,771	15,630	7,260	33,560	1,299	7	2	549	5,050
Manhattan	12,597	4,093	11,916	14,829	133,764	1,678	2	-------	389	25,017
Queens	25,970	7,582	7,213	9,666	62,248	1,339	11	96	735	7,980
Richmond	10,417	3,148	1,868	832	3,259	1,578	9	35	55	238
Niagara Falls, N. Y	4,278	6,407	936	1,891	4,233	779	2,448	21	64	249
Norfolk, Va	36,762	7,398	9,659	5,654	5,717	3,124	943	13	84	585
Oakland, Calif	23,812	19,441	24,689	15,562	23,200	2,453	3,239	1,022	1,130	1,406
Oak Park, Ill	194	152	182	571	883	9	14	-------	16	15
Oklahoma City, Okla	2,360	408	2,443	6,123	13,832	520	949	-------	612	1,538
Omaha, Nebr	2,241	5,263	5,476	4,773	13,030	331	159	490	322	1,059
Pasadena, Calif	1,240	583	1,521	4,395	12,894	106	2	34	379	782
Passaic, N. J	1,460	404	446	1,300	1,900	140	48	-------	88	31
Paterson, N. J	2,293	814	1,284	1,535	3,621	394	30	4	5	309
Pawtucket, R. I	464	178	168	831	2,561	54	-------	-------	68	273

For footnotes, see p. 777.

No. 879.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1942 to 1946—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1942	1943	1944	1945	1946 [1]	1942	1943	1944	1945	1946 [1]
Peoria, Ill	827	497	992	2,318	4,408	30	1	1	51	322
Phoenix, Ariz	16,857	1,918	2,471	9,822	8,250	264	384	310	867	817
Philadelphia, Pa	72,522	23,420	17,424	22,632	73,276	3,138	4,015	170	750	5,918
Pittsburgh, Pa	17,453	5,170	3,330	8,234	18,320	1,380	580	213	274	1,585
Pontiac, Mich	1,306	1,248	1,598	8,777	9,605	78	172	214	84	345
Portland, Maine	3,710	2,427	498	1,411	2,613	591	761	35	13	104
Portland, Oreg	34,416	18,850	8,022	12,336	34,790	6,155	5,194	666	710	2,434
Portsmouth, Va	5,707	5,645	883	1,220	1,452	194	1,401	16	51	61
Providence, R. I	10,826	884	987	2,670	12,529	51	-------	2	46	197
Pueblo, Colo	816	536	737	885	1,862	287	103	52	152	332
Quincy, Mass	9,661	900	634	1,151	3,618	275	39	-------	36	274
Racine, Wis	1,173	709	1,749	2,139	3,164	78	87	225	157	298
Reading, Pa	674	775	553	1,364	2,754	8	-------	-------	27	101
Richmond, Va	5,314	1,409	2,558	7,770	17,872	469	40	209	1,066	1,799
Roanoke, Va	519	153	321	1,241	5,634	23	-------	6	103	378
Rochester, N. Y	11,315	1,483	1,607	11,296	10,728	213	23	-------	148	631
Rockford, Ill	2,705	732	1,109	2,325	3,561	329	61	83	131	539
Sacramento, Calif	2,564	580	1,085	11,757	12,988	447	3	7	377	1,779
Saginaw, Mich	8,575	2,295	1,216	1,857	4,456	162	333	120	81	502
St. Joseph, Mo	60	414	76	140	729	13	3	5	12	68
St. Louis, Mo	17,840	4,019	8,077	14,756	30,055	786	39	57	190	1,826
St. Paul, Minn	3,476	1,771	6,579	9,513	19,955	240	4	93	553	1,797
St. Petersburg, Fla	916	612	829	4,614	9,376	96	1	46	565	1,246
Salt Lake City, Utah	22,052	2,626	4,621	6,233	14,017	747	292	134	400	1,661
San Antonio, Tex	5,498	3,571	5,332	14,518	25,303	1,537	1,040	879	1,741	3,788
San Diego, Calif	26,120	21,393	19,697	22,167	23,058	4,442	5,827	1,942	2,244	2,931
San Francisco, Calif	36,986	28,432	24,564	23,820	50,598	1,691	4,722	3,814	3,762	3,671
San Jose, Calif	902	429	1,131	3,526	10,275	64	-------	8	269	894
Santa Monica, Calif	1,247	1,375	1,666	3,245	9,219	143	166	352	364	1,108
Savannah, Ga	10,146	2,898	1,107	2,155	3,436	293	808	210	214	480
Schenectady, N. Y	3,482	578	2,599	2,348	4,512	541	1	-------	5	213
Scranton, Pa	293	5,788	1,211	1,326	2,417	4	-------	-------	2	25
Seattle, Wash	22,385	24,148	17,290	20,828	41,699	3,391	4,306	1,724	2,827	3,364
Shreveport, La	2,098	409	1,608	2,636	9,137	485	24	78	395	1,247
Sioux City, Iowa	460	109	601	1,184	2,534	30	1	5	37	418
Somerville, Mass	741	182	216	670	1,609	-------	-------	-------	-------	2
South Bend, Ind	2,808	2,694	3,040	6,437	6,949	345	101	483	398	906
Spokane, Wash	7,675	12,162	3,320	7,622	14,118	412	3,113	64	333	1,623
Springfield, Ill	2,391	189	425	816	4,403	183	16	10	39	472
Springfield, Mass	3,783	4,293	1,845	4,780	9,656	806	666	15	200	933
Springfield, Mo	706	507	1,033	1,890	4,188	49	8	74	238	637
Springfield, Ohio	1,543	1,065	830	2,217	2,948	388	179	68	29	364
Stockton, Calif	1,008	2,240	1,375	1,066	6,081	125	715	21	445	604
Syracuse, N. Y	10,825	1,238	1,504	3,097	7,613	141	62	22	115	874
Tacoma, Wash	13,163	6,011	2,058	5,750	11,252	3,048	1,099	270	457	1,025
Tampa, Fla	10,062	1,765	3,325	4,746	8,119	838	299	703	405	868
Terre Haute, Ind	1,235	373	491	596	2,396	14	2	-------	-------	233
Toledo, Ohio	4,528	1,988	2,179	5,752	10,191	259	-------	157	358	948
Topeka, Kans	371	59	892	1,190	3,574	40	3	55	212	629
Trenton, N. J	3,080	1,542	927	2,132	2,783	2	320	1	13	172
Troy, N. Y	378	148	265	444	4,113	30	1	1	-------	439
Tulsa, Okla	3,514	1,371	1,158	4,228	9,537	1,132	209	275	525	1,266
Union City, N. J	148	87	370	428	590	-------	-------	-------	-------	1
Utica, N. Y	462	265	1,218	1,450	2,502	75	-------	187	9	76
Waco, Tex	547	549	954	2,168	4,418	182	106	272	416	983
Washington, D. C	80,697	24,315	19,918	26,574	46,043	9,635	5,234	2,598	3,352	4,016
Waterbury, Conn	1,969	2,394	1,182	1,640	3,208	262	550	106	65	432
Waterloo, Iowa	680	290	757	2,847	4,859	39	1	23	165	513
Wheeling, W. Va	859	291	449	1,823	2,389	926	1	1	1	42
Wichita, Kans	7,650	4,687	2,251	3,029	14,003	2,548	1,484	38	165	1,690
Wilkes-Barre, Pa	428	275	369	569	1,154	2	-------	-------	-------	-------
Wilmington, Del	2,983	3,706	1,144	4,254	5,063	401	796	60	48	208
Winston-Salem, N. C	895	380	1,086	1,492	3,229	56	2	4	119	434
Worcester, Mass	2,954	645	1,064	3,164	7,427	277	12	13	288	790
Yonkers, N. Y	817	322	514	1,281	6,557	54	-------	2	66	509
York, Pa	1,798	382	278	765	2,221	365	50	-------	13	176
Youngstown, Ohio	971	400	607	1,914	4,823	111	12	8	60	466

[1] Preliminary. [2] Classified as urban under special rule by Bureau of the Census, 1940.
[3] Figures represent applications filed. [4] Not available.
[5] Data for 1942–44 represent applications filed, but have been adjusted to eliminate large projects identified as representing post-war plans. Data for 1945 and 1946 represent work actually started, based on inspections instead of on applications filed, as in previous years.

Source: Department of Labor, Bureau of Labor Statistics: 1942–43 from annual reports on building construction; subsequent annual and current data for cities of 100,000 or more published in monthly releases; data for cities 50,000 to 100,000 from records not published elsewhere.

No. 880.—Construction and Building Cost Indexes: 1913 to 1946

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 287 and 288]

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
1946	322	257	346	262	333	279	290	336

[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. Until Mar. 31, 1946, 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. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

[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: Engineering News-Record, New York, N. Y.; Apr. 17, 1947 issue.

No. 881.—Materials Consumption for New Construction: 1944 and 1945

[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 short 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 short 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 squares	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 short 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 short 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 boards ... 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 short 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 board ... 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 squares	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 short 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 50-5.

No. 882.—Construction—Value of Work Performed, for Cities of 100,000 or More Inhabitants, by Size Groups: 1939

[Geographic distribution based on office address of reporting establishment, not location of construction project. See also headnote, table 884]

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. 883.—Building Costs, Small-House—Indexes: 1936 to 1946

[**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	102.9	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	136.9	137.0	137.2	137.4	138.0	138.5	139.1	139.3
1946	147.8	139.7	140.3	141.0	142.1	143.6	145.7	147.7	149.8	151.8	154.0	156.7	159.8
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	109.0	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
1946	144.1	135.5	136.3	137.1	138.0	139.2	141.6	143.7	146.1	148.0	150.3	153.6	158.6
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	144.8	143.3	143.4	143.9	143.9	143.8	143.9	144.1	144.5	146.0	146.3	147.3	147.5
1946	155.3	147.9	148.5	148.9	150.6	152.5	153.8	155.6	157.2	159.3	161.6	163.1	164.8

Source: National Housing Agency; Office of the Administrator; Statistical Supplement to Federal Home Loan Bank Review, 1947. Current data published in Federal Home Loan Bank Review.

No. 884.—Construction—Summary, by Kind of Contractor, by Size Groups: 1939

[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 the 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

For footnotes, see next page.

No. 884.—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	3,375
Steel erection and repair	379	113	266	10,404	9,298	1,106	18,501	17,211	1,290
Weather stripping	402	21	381	1,793	1,283	510	2,833	2,225	608
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. 885.—Construction—Summary, by States: 1939

[Geographic distribution based on office address of reporting establishment, not location of construction project. See headnote, table 884]

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	137,279	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	38,853	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. 886.—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 882, 885 and 888, 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. 887.—Construction—Value of Work Performed, by Type of Construction, by Kind of Contractor: 1939

[All value figures in thousands of dollars. See headnote, table 884]

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	130,905	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	36,746	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	80,863	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. 888.—Construction—Summary for Establishments Reporting Business of $25,000 or More, by States: 1929 and 1939

[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	220,778	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 885. [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. 889.—Public Housing—Number of Dwelling Units Completed for Occupancy: 1935 to 1946

[Covers programs administered by National Housing Agency or Federal Public Housing Authority]

YEAR	All public housing	LOW-RENT HOUSING			WAR HOUSING			Veterans' reuse housing
		Total	U. S. Housing Act	All other [1]	Total	Built for war use	Low-rent housing in war use [2]	
Total	**1,108,483**	**134,388**	**107,367**	**27,021**	**845,358**	**784,817**	**60,541**	**[3] 128,737**
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	39,601				37,695	35,434	2,261	1,906
1946	131,651	1,833	1,833		2,987	2,987		126,831

[1] Includes PWA low-rent, Subsistence Homestead and Greentown projects.
[2] Units financed under U. S. Housing Act and its amendment.
[3] Includes 37,327 units financed by local bodies.

Source: National Housing Agency, Federal Public Housing Authority.

No. 890.—All Active Public War Housing—Number of Dwelling Units and Estimated Development Cost, as of Dec. 31, 1946

[Covers programs administered by National Housing Agency or Federal Public Housing Authority]

AGENCY AND TYPE OF CONSTRUCTION	Estimated development cost ($1,000)	ACCOMMODATION (NUMBER OF UNITS)		
		Total	Family	Dormitory
All types	**1,712,573**	**530,822**	**463,178**	**67,644**
Federal Public Housing Authority [1]	1,383,961	388,543	369,083	19,460
Permanent	433,602	99,691	99,510	181
Demountable	314,702	67,813	67,813	
Temporary	606,956	205,228	187,329	17,899
Converted	1,245	1,584	439	1,145
Trailer	21,004	11,075	10,840	235
Portable shelter unit	5,782	2,702	2,702	
Trailer park	670	450	450	
Other agencies [2]	328,612	142,279	94,095	48,184
Permanent	155,007	31,691	29,067	2,624
Demountable	10,920	2,320	2,320	
Temporary	85,350	63,089	18,183	44,906
Converted, total	76,383	44,640	44,006	634
HOLC conversions	75,776	43,713	43,713	
Other conversions	607	927	293	634
Trailer	952	539	519	20

[1] Includes Public Buildings Administration and Tennessee Valley Administration acting as agent for Federal Public Housing Authority.
[2] Includes War and Navy Departments, U. S. Maritime Commission, Office of Defense Plants, Tennessee Valley Authority, and Home Owners' Loan Corporation.

Source: National Housing Agency, Federal Public Housing Authority.

No. 891.—All Active Public Housing—Number of Dwelling Units and Estimated Development Cost, by State or Other Area, as of Dec. 31, 1946

[Covers programs administered by National Housing Agency or Federal Public Housing Authority]

State or other area	Total		Low-rent housing		War housing		Veterans' reuse housing	
	Cost ($1,000)	No. of units	Cost ($1,000)	No. of units	Cost ($1,000)	No. of units	Cost ($1,000)	No. of units
Total	**3,128,596**	**986,313**	**995,834**	**198,388**	**1,712,573**	**530,822**	**420,189**	[1] **257,103**
Alabama	72,693	22,037	25,575	5,230	41,373	11,717	5,745	5,090
Arizona	27,772	10,982	3,177	954	21,624	8,408	2,971	1,620
Arkansas	16,001	9,834	3,315	864	11,283	3,792	1,403	5,178
California	380,578	149,703	40,583	9,534	306,043	118,029	33,952	22,140
Colorado	12,854	5,704	3,354	770	3,419	1,639	6,081	3,295
Connecticut	87,153	21,846	30,854	6,232	51,786	12,465	4,513	3,149
Delaware	8,598	2,831	2,060	380	6,085	2,015	453	436
Dist. of Columbia	62,822	17,090	18,922	3,447	39,849	11,339	4,051	2,304
Florida	64,309	24,365	25,536	7,134	35,080	11,802	3,693	5,429
Georgia	74,044	25,859	42,378	10,852	26,741	11,275	4,925	3,732
Idaho	9,446	4,270	362	84	4,976	1,665	4,108	2,521
Illinois	118,911	29,237	75,369	13,361	21,305	5,846	22,237	10,030
Indiana	63,024	18,936	14,212	3,264	35,311	6,597	13,501	9,075
Iowa	17,518	9,312	116	50	5,489	1,620	11,913	7,642
Kansas	40,172	13,346	----	----	35,962	9,580	4,210	3,766
Kentucky	35,265	10,234	22,654	4,353	6,468	2,880	6,143	3,001
Louisiana	47,125	16,975	29,997	5,804	9,175	4,111	7,953	7,060
Maine	13,117	3,657	----	----	12,055	2,512	1,062	1,145
Maryland	109,679	24,987	44,038	6,138	63,151	17,385	2,490	1,464
Massachusetts	79,597	19,802	48,028	8,333	14,046	3,740	17,523	7,729
Michigan	142,929	37,402	43,931	7,711	82,104	23,229	16,894	6,462
Minnesota	14,287	4,997	4,572	592	185	106	9,530	4,299
Mississippi	27,578	11,755	6,183	1,793	16,881	5,890	4,514	4,072
Missouri	27,432	9,164	7,979	1,567	8,335	2,343	11,118	5,254
Montana	8,801	3,769	2,452	533	2,469	1,387	3,880	1,849
Nebraska	17,980	6,722	5,739	1,078	9,064	3,256	3,177	2,388
Nevada	11,388	3,956	----	----	10,539	3,416	849	540
New Hampshire	8,310	2,199	----	----	6,451	1,483	1,859	716
New Jersey	97,709	21,918	52,750	9,225	25,218	7,026	19,741	5,667
New Mexico	6,791	5,349	----	----	5,855	2,996	936	2,353
New York	205,665	60,616	104,115	18,823	39,663	12,149	61,887	29,644
North Carolina	43,293	14,381	10,447	2,857	26,280	7,792	6,566	3,732
North Dakota	2,382	1,433	----	----	----	----	2,382	1,433
Ohio	187,559	49,445	91,431	16,187	71,554	21,718	24,574	11,540
Oklahoma	16,823	11,219	2,501	434	6,837	3,254	7,485	7,531
Oregon	68,900	22,364	2,271	600	60,923	18,067	5,706	3,697
Pennsylvania	197,952	46,869	76,614	13,971	100,558	25,487	20,780	7,411
Rhode Island	15,828	4,448	9,186	1,928	6,111	1,662	531	858
South Carolina	35,337	11,134	8,799	2,018	23,254	6,402	3,284	2,714
South Dakota	6,543	2,787	----	----	4,161	1,832	2,382	955
Tennessee	51,368	16,024	33,289	7,001	11,513	3,933	6,566	5,090
Texas	135,595	57,945	43,285	10,773	73,598	29,285	18,712	17,887
Utah	33,179	15,185	----	----	29,784	13,025	3,395	2,160
Vermont	2,635	1,115	----	----	1,573	399	1,062	716
Virginia	163,632	39,238	7,888	1,822	149,697	33,273	6,047	4,143
Washington	150,428	45,899	13,966	3,290	130,300	35,718	6,162	6,891
West Virginia	16,618	4,823	8,446	1,746	4,588	1,000	3,584	2,077
Wisconsin	26,079	10,483	15,646	1,536	7,256	2,260	3,177	6,687
Wyoming	5,326	2,819	----	----	3,272	1,138	2,054	1,681
Alaska	7,851	1,405	----	----	6,938	1,237	913	168
American Samoa	19	6	----	----	19	6	----	----
Cuba	700	200	----	----	700	200	----	----
Hawaii	21,429	7,861	1,608	361	18,548	6,960	1,273	540
Panama Canal Zone	9,409	2,782	----	----	9,409	2,782	----	----
Puerto Rico	19,684	7,418	11,976	5,632	7,466	1,644	242	142
Virgin Islands	479	176	230	126	249	50	----	----

[1] Includes 79,344 units financed by local bodies; development cost not available.

Source: National Housing Agency, Federal Public Housing Authority.

No. 892.—Dwelling Units, Urban and Rural—Occupancy, 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. 893.—Occupied Dwelling Units or Families—Tenure: 1890 to 1940

[1940 figures based on occupied dwelling units; not strictly comparable with data for private families, but differences are negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920 include 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. 894.—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. 895.—Dwelling Units, Urban and Rural—Occupancy and Tenure, by Average and Median Monthly Rent: 1940

[For urban and rural-nonfarm units, monthly rent includes land; for farm units, farm 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] For definition of median, see headnote, table 900.

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

No. 896.—Dwelling Units, Urban and Rural—Estimated Total Monthly Rent and Estimated Total Value: 1940

[For urban and rural-nonfarm units, monthly rent and value include land; for farm units, farm 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. 897.—Owner-Occupied Dwelling Units, Urban and Rural, and Tenant-Occupied Units, by States: 1940

[For total number of occupied units, see table 894]

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	**1,394,207**	**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. 898.—Dwelling Units, Urban and Rural-Nonfarm—Occupancy and Tenure, by Contract or Estimated Monthly Rent: 1940

[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. 899.—Dwelling Units, Urban and Rural-Nonfarm—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 900.

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

No. 900.—Dwelling Units, Urban and Rural-Nonfarm—Median Contract or Estimated Monthly Rent and Median Value, by Tenure: 1940

[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. Median defined: 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]

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	33.35	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. 901.—Dwelling Units, Urban and Rural-Nonfarm—Contract or Estimated Monthly Rent, by States: 1940

[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
District 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	42,268	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. 902.—Dwelling Units, Urban and Rural-Nonfarm—Tenant-Occupied Units 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**	**19,346**
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	154
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**	**193,502**	**269,564**	**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**	**226,666**	**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. 903.—Dwelling Units, Rural-Farm—Value of Owner-Occupied Units and 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	88,967	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 900.

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

No. 904.—Dwelling Units, Urban and Rural—Characteristics of Occupied Units: 1945

[Based on data obtained in November 1945 as a supplement to Monthly Report on Labor Force. For discussion of this survey, see p. 175]

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								
Exclusive use	24,587	19,404	4,096	1,087	65.4	81.7	54.4	17.2
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
FLUSH TOILET IN STRUCTURE								
Exclusive use	25,953	20,581	4,302	1,070	69.0	86.7	57.1	16.9
Shared	1,684	1,547	119	18	4.5	6.5	1.6	.3
None	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	.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. 905.—Dwelling Units, Urban and Rural—Type of Structure, Number of Rooms, and Facilities: 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
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
Median age (years)[2]	25.4	26.1	20.2	28.1	------	------	------	------
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	------	------	------	------
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
LIGHTING EQUIPMENT								
Number reporting	36,746,762	21,283,388	7,950,578	7,512,796	100.0	100.0	100.0	100.0
Electric	28,915,487	20,379,352	6,185,090	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 900.

Source: Dept. of Comm., Bur. of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 906.—Dwelling Units, Urban and Rural—Occupied Units 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	20,364,883	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	64.1
Gas	2,728,381	2,139,792	484,952	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: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 907.—Dwelling Units, Rural-Farm—Lighting Equipment, Water Supply, and Toilet Facilities, by States: 1940

[Excludes units not reporting on specified items. For total number of rural-farm dwelling units, see table 894

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
New 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
West Virginia	114,279	28,186	24.7	114,659	12,207	10.6	114,370	6,945	102,186	5,239
North Carolina	340,769	79,881	23.4	342,394	23,516	6.9	341,292	14,017	252,793	74,482
South 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 I.

No. 908.—Dwelling Units, Urban and Rural—Units With Private Bathtub or Shower in Structure, by States: 1940

[Excludes units not reporting on bathing equipment. For total number of dwelling units, see table 894]

Division and state	Reporting on 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	3,874,851	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
District of Columbia	182,284	150,406	82.5	150,406	82.5	----------	----------	----------	----------
Virginia	645,380	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	257,184	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.

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No. 909.—Dwelling Units, Urban and Rural—Median Number of Rooms, Radio, and Mortgage Status of Owner-Occupied Nonfarm Units, by States: 1940

[Radio and mortgage status data exclude units not reporting on given subject]

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	20,708	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	147,458	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 900.

[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 897.

Source: Dept. of Comm., Bur. of Census; Sixteenth Census Reports, Housing, Vol. II, Part I.

No. 910.—Dwelling Units, Urban and Rural—Occupied Units With 1.51 or More Persons per Room, by States: 1940

[Excludes units not reporting on number of persons per room. For total number of occupied units, see table 894]

Division and State	Reporting on 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	442,790	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
District 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. 911.—Housing Characteristics 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
Fort 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	8,296	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 900.

No. 911.—Housing Characteristics 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 900.

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

No. 912.—Housing Characteristics for Selected Metropolitan Districts: 1940

[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]

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 900.

No. 912.—Housing Characteristics for Selected 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 nonwhite: Number	Occupied by nonwhite: 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	16,616	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	42,803	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 900.

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

No. 913.—Nonfarm Mortgaged Properties, Owner-Occupied One-Family—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	

SUBJECT	Number or amount	Percent
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 I.

No. 914.—Nonfarm Mortgaged Properties, Owner-Occupied One-Family—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.