Section 27

Fisheries

This section presents statistics relating to quantity, value, species, and disposition of fish caught for commercial purposes, and of fishery products. The principal sources of these data are the annual report *Fishery Statistics of the United States*, and the monthly and annual *Current Fishery Statistics* bulletins, both published by the Fish and Wildlife Service of the Department of the Interior.

The Fish and Wildlife Service conducts annual surveys for various statistical information on the fishery industries. Results from the surveys 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 production, the reports include data on imports and exports of fishery commodities; freezings and cold-storage holdings of fishery products; monthly production of fish meal and oil; quarterly production of fish sticks; and monthly landings in most coastal States, and in Ohio. Information is also collected covering shad fisheries of the Hudson and Potomac Rivers; alewife fisheries of the Potomac; seed oyster fisheries; and Pacific Coast halibut fisheries.

The first comprehensive statistical survey of the fisheries and fishery industries of the United States was made for the year 1880, although it did not include data for the Mississippi River and its tributaries. A complete survey of the entire United States was conducted in 1908 and again in 1931. Various sections of the country have been surveyed from time to time. A complete survey of all sections, including the manufacturing and wholesaling operations, was made for 1950, and complete data have been collected annually beginning with 1954.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series L 110–111") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 972. Fisheries—Summary of Total Catch and Value: 1930 to 1960

[Includes Alaska. Beginning 1959, includes Hawaii. Data for 1946–1949 partly estimated. See also *Historical Statistics, Colonial Times to 1957*, series L 110–111]

YEAR	Quantity (1,000 lbs.)	Value to fishermen ($1,000)	Average price per pound (cents)	YEAR	Quantity (1,000 lbs.)	Value to fishermen ($1,000)	Average price per pound (cents)
1930	3,224,318	109,349	3.39	1952	4,418,442	360,135	8.15
1940	4,059,141	98,957	2.44	1953	4,467,960	352,275	7.88
1945	4,598,127	269,900	5.87	1954	4,741,843	355,639	7.50
1946	4,456,171	310,000	6.96	1955	4,794,281	335,778	7.00
1947	4,336,647	307,600	7.09	1956	5,251,686	369,018	7.03
1948	4,498,715	367,000	8.16	1957	4,778,458	351,116	7.35
1949	4,788,709	339,000	7.08	1958	4,735,845	370,679	7.83
1950	4,884,909	343,876	7.04	1959	5,121,953	346,051	6.76
1951	4,414,045	360,826	8.17	1960 (prel.)	4,850,000	347,000	7.15

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 973. Fisheries—Employment, Fishing Craft, and Establishments: 1940, 1950, and 1959

ITEM	1940	1950	1959
Persons employed	428,965	568,394	533,886
Direct employment:			
Fishermen	124,795	161,463	128,985
Transporters	3,955	4,916	2,251
Shore workers	90,215	102,015	92,650
Indirect employment, allied industries [1]	210,000	300,000	310,000
Craft utilized	73,861	94,450	76,466
Fishing craft:			
Vessels, 5 net tons and over	5,562	11,496	12,109
Motor boats	31,055	46,067	54,735
Other boats	35,193	34,747	8,457
Craft utilized—Con.			
Transporting craft:			
Vessels, 5 net tons and over	1,325	1,313	883
Motor boats	726	827	282
Fishery shore establishments	3,055	3,883	4,372
Pacific Coast States [2]	579	700	545
Atlantic Coast and Gulf States	2,038	2,699	2,934
Great Lakes and Mississippi River States	438	484	872
Hawaii	(3)	(3)	21

[1] Gear manufacture, boat building, processing equipment, etc. [2] Includes Alaska. [3] Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States*.

No. 974. Fisheries—Fishermen, Fishing Craft, and Catch, by Areas: 1959

[See also *Historical Statistics, Colonial Times to 1957*, series L 110-123, for data on quantity of catch]

AREA	Fishermen	Fishing vessels	Fishing boats [1]	Catch			Value of catch		
				Total	Fish	Shellfish	Total	Fish	Shellfish
				Mil. pounds	*Mil. pounds*	*Mil. pounds*	*$1,000*	*$1,000*	*$1,000*
United States [2]	[3] 128,985	[3] 12,109	[3] 63,192	5,122	4,484	638	346,051	199,272	146,779
New England States	21,051	758	11,544	933	869	64	66,236	36,795	29,441
Middle Atlantic States	8,181	582	3,632	760	720	40	22,763	13,458	9,305
Chesapeake Bay States	19,959	1,202	11,276	589	502	87	38,445	11,198	27,247
South Atlantic States	14,188	1,219	6,945	469	399	70	18,870	8,794	10,076
Gulf States	22,955	3,678	8,555	1,155	915	240	77,640	20,447	57,193
Pacific Coast States [4]	30,491	4,621	10,511	1,055	932	[5] 123	104,186	91,553	[5] 12,633
Great Lakes States	3,851	511	1,323	66	66	--------	7,104	7,104	-------
Mississippi River States	9,994	--------	9,118	78	64	14	7,628	6,768	860
Hawaii	688	64	288	17	17	(6)	3,179	3,155	24

[1] Refers to craft having capacity of less than 5 net tons. [2] Includes Alaska and Hawaii. [3] Exclusive of duplication. [4] Includes Alaska. [5] Includes whale products. [6] Less than 500,000 pounds.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 975. Fisheries—Catch of Principal Species: 1931 to 1960

[**In thousands of pounds.** Includes Alaska, and beginning 1959, Hawaii]

GROUP AND SPECIE	1931	1939	1945	1950	1955	1958	1959	1960
FISH								
Cod	112,303	124,347	153,027	65,436	48,672	54,147	59,809	45,400
Haddock	195,419	178,524	154,988	158,559	135,035	119,554	112,629	119,500
Herring, sea	169,574	262,810	236,919	363,765	172,312	278,517	236,089	214,200
Mackerel	61,645	113,503	112,390	54,744	27,181	32,222	41,649	37,600
Menhaden	230,398	575,480	778,464	1,026,318	1,867,783	1,549,098	2,202,732	1,993,300
Pilchard or sardine	300,204	1,240,975	849,971	714,522	145,608	207,446	74,367	56,600
Salmon	601,095	526,978	498,892	328,645	289,880	307,457	201,684	231,400
Tuna and tuna-like	60,059	182,165	185,925	392,273	270,652	324,981	289,173	304,500
Ocean perch [1]	237	79,162	131,811	207,793	156,989	148,645	136,703	141,800
SHELLFISH								
Crabs	83,701	109,414	121,050	159,278	135,733	166,379	174,630	(2)
Shrimp	99,432	150,250	191,345	191,474	244,335	213,842	240,182	249,000
Oysters	101,036	93,006	75,655	76,415	77,515	66,396	64,710	59,100

[1] Beginning 1955, excludes Pacific Ocean perch. [2] Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 976. Fisheries—Catch of Principal Species, by Areas, and Quantity and Value of Catch, by States: 1930 to 1959

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen. See also *Historical Statistics, Colonial Times to 1957*, series L 114–154]

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1955	1957	1958	1959
New England States:								
Catch	701,351	626,054	845,471	1,006,590	955,418	1,030,883	997,749	933,206
Value	27,494	20,494	56,589	60,577	57,243	60,810	65,480	66,236
By State:								
Maine:								
Catch	143,824	88,088	184,425	356,266	257,174	292,250	316,955	265,958
Value	4,329	2,606	12,499	14,689	16,083	16,769	19,024	19,571
New Hampshire:								
Catch	1,069	788	1,549	645	948	1,072	979	1,031
Value	69	105	488	219	345	386	375	414
Massachusetts:								
Catch	442,474	510,938	625,878	591,188	566,413	581,062	554,779	537,614
Value	16,289	15,756	39,643	40,768	35,057	37,936	40,933	40,870
Rhode Island:								
Catch	25,972	12,060	20,525	38,265	115,323	142,080	114,524	117,793
Value	2,287	966	2,377	2,788	4,738	4,605	4,137	4,285
Connecticut:								
Catch	88,012	14,180	13,094	20,226	15,560	14,419	10,512	10,810
Value	4,519	1,060	1,582	2,114	1,020	1,114	1,011	1,096
Catch, by species:								
Haddock	264,549	141,193	147,195	157,765	135,029	133,409	119,551	112,622
Ocean perch	113	85,016	131,811	207,793	156,989	133,931	148,645	136,703
Herring, sea	82,901	44,052	94,179	195,154	104,286	161,006	178,437	120,734
Cod	101,632	82,289	141,072	53,968	32,369	31,911	37,784	40,758
Flounders	49,165	57,572	61,310	66,824	50,064	53,869	58,673	56,665
Lobster	12,357	11,165	22,267	22,559	27,624	29,106	25,873	27,393
Middle Atlantic States:								
Catch	193,868	355,553	494,193	491,685	871,096	928,122	625,383	760,429
Value	13,064	7,651	23,224	28,843	28,937	28,420	23,126	22,763
By State:								
New York:								
Catch	45,495	91,959	117,548	142,341	132,791	157,653	97,362	115,170
Value	4,934	4,216	10,053	15,502	9,498	9,023	8,131	8,875
New Jersey:								
Catch	97,275	160,554	207,647	188,623	421,286	472,501	251,483	359,504
Value	7,474	2,957	11,063	10,201	13,074	12,778	9,021	10,093
Pennsylvania:								
Catch	17	23	----	----	----	----	----	----
Value	3	2	----	----	----	----	----	----
Delaware:								
Catch	51,081	103,017	168,998	160,721	317,019	297,968	276,538	285,755
Value	653	475	2,109	3,141	6,365	6,619	5,974	3,795
Oyster catch	21,516	13,983	13,553	18,170	9,848	7,981	4,296	1,392
Chesapeake Bay States:								
Catch	316,393	320,736	304,463	380,892	496,208	447,323	503,237	589,356
Value	11,472	7,456	30,363	25,007	31,601	32,444	36,699	38,445
By State:								
Maryland:								
Catch	71,099	51,085	51,676	67,092	55,249	67,185	66,091	63,050
Value	3,985	2,599	8,845	8,888	11,147	12,188	11,953	12,695
Virginia:								
Catch	245,294	269,651	252,787	313,800	440,959	380,138	437,146	526,306
Value	7,487	4,858	21,518	16,119	20,454	20,256	24,746	25,750
Catch, by species:								
Oysters	36,724	37,457	32,570	29,954	39,227	34,234	37,530	33,322
Crabs	68,759	41,816	40,822	80,046	45,128	58,351	49,462	45,549
South Atlantic States:								
Catch	275,808	325,515	404,946	260,881	346,574	335,188	375,655	468,712
Value	4,270	4,064	15,132	18,944	17,274	20,648	20,078	18,870
By State:								
North Carolina:								
Catch	168,939	170,581	198,169	172,339	233,096	237,158	290,251	342,612
Value	1,836	1,865	5,495	6,800	7,284	8,123	7,696	8,242
South Carolina:								
Catch	5,106	9,446	10,855	14,726	22,033	24,402	16,220	23,443
Value	253	266	899	2,810	2,487	2,815	2,965	2,936
Georgia:								
Catch	34,873	12,672	21,398	17,351	19,025	18,802	20,066	21,594
Value	536	381	1,350	3,584	2,472	3,503	3,597	2,656
Florida (east coast only):								
Catch	66,890	132,816	174,524	56,465	72,420	54,826	49,118	81,063
Value	1,645	1,553	7,388	5,749	5,031	6,207	5,820	5,036
Shrimp catch	26,204	22,702	43,581	36,481	28,539	28,590	22,584	26,006

No. 976. Fisheries—Catch of Principal Species, by Areas, and Quantity and Value of Catch, by States: 1930 to 1959—Continued

[Catch in thousands of pounds; value in thousands of dollars]

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1955	1957	1958	1959
Gulf States:								
Catch	141,951	250,018	341,081	570,641	829,638	691,933	808,837	1,154,951
Value	6,795	10,581	39,197	50,358	76,287	84,364	86,539	77,640
By State:								
Florida (west coast only):								
Catch	53,524	54,676	69,322	62,013	105,756	109,275	126,585	131,887
Value	3,001	3,452	11,448	9,955	21,190	24,205	24,258	18,191
Alabama:								
Catch	7,113	11,344	15,137	10,988	13,441	11,888	10,343	14,022
Value	316	562	2,443	2,122	2,265	2,649	2,671	2,968
Mississippi:								
Catch	15,735	38,002	70,787	84,139	183,137	207,660	205,822	252,947
Value	740	623	1,711	3,371	5,685	6,318	6,234	6,246
Louisiana:								
Catch	49,886	126,627	163,902	316,250	397,203	222,800	317,050	545,758
Value	1,960	4,952	20,486	23,645	23,418	17,077	21,585	24,046
Texas:								
Catch	15,693	19,369	21,933	97,251	130,101	140,310	149,037	210,337
Value	778	993	3,109	11,265	23,729	34,115	31,791	26,189
Shrimp catch	61,914	127,838	145,443	151,753	212,402	168,453	173,354	193,503
Great Lakes: [1]								
Catch [2]	94,948	79,296	78,643	70,882	76,754	75,529	71,690	65,817
Value [2]	6,050	5,623	13,800	10,846	9,699	9,576	8,651	7,104
By Lake:								
Superior:								
Catch	14,694	20,672	18,725	12,584	13,581	13,565	13,194	14,955
Value	695	904	2,574	1,977	1,886	1,656	1,526	1,714
Michigan:								
Catch	30,973	22,814	22,090	27,077	30,036	27,222	27,771	20,808
Value	2,159	2,050	5,571	3,661	3,221	3,160	3,163	2,369
Huron:								
Catch	16,377	9,099	7,475	5,073	4,553	3,341	5,094	5,041
Value	1,320	680	1,129	411	484	432	676	816
Erie:								
Catch	29,540	22,944	28,631	23,982	26,796	29,706	22,575	22,433
Value	1,656	1,772	4,267	4,572	3,954	4,188	3,133	2,032
Pacific Coast States: [3]								
Catch	1,454,091	2,019,969	2,024,330	1,997,542	1,115,427	1,192,300	1,278,424	1,055,250
Value	35,820	40,190	84,982	139,199	106,532	107,706	122,710	104,186
By State								
Washington:								
Catch	110,039	111,632	196,136	118,694	155,305	142,751	164,987	155,186
Value	8,335	6,676	18,155	19,071	20,906	19,320	25,426	21,529
Oregon:								
Catch	26,459	54,203	72,774	58,256	46,710	57,694	59,467	51,718
Value	2,256	2,742	7,507	7,151	5,683	5,978	7,345	6,306
California:								
Catch	696,891	1,290,446	1,159,368	1,338,299	598,089	620,738	674,884	524,823
Value	12,473	20,160	37,032	81,605	53,175	50,854	56,742	47,474
Alaska:								
Catch	620,702	563,688	596,052	482,293	315,323	371,117	379,086	323,523
Value	12,756	10,612	22,288	31,372	26,768	31,554	33,197	28,787
Catch, by species:								
Pilchard or sardine	494,451	913,944	849,971	714,522	145,608	45,862	207,446	74,367
Mackerel	16,531	120,504	53,717	32,650	23,310	62,044	27,648	37,602
Salmon	526,057	500,561	498,883	328,644	289,880	265,153	307,454	201,684
Tuna and tuna-like	104,511	210,173	183,587	390,549	269,499	295,254	321,810	271,342
Mississippi River and tributaries:								
Catch	(4)	(4)	(4)	105,796	103,166	77,180	74,870	77,662
Value	(4)	(4)	(4)	10,104	8,205	7,148	7,396	7,628
Hawaii:								
Catch	(4)	(4)	(4)	15,917	15,096	10,728	11,361	16,570
Value	(4)	(4)	(4)	3,508	3,113	2,604	2,632	3,179
Tuna and tuna-like	(4)	(4)	(4)	11,950	11,998	8,245	8,897	14,334

[1] Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service.
[2] Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.
[3] Includes Alaska. [4] Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States.*

No. 977. Quantity and Value of Catch Landed at Specified New England Ports: 1950 to 1959

[Quantity in thousands of pounds; value in thousands of dollars]

Port and year	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Whiting	Mackerel	Ocean Perch	Flounders	Miscellaneous
QUANTITY											
Boston:											
1950	172,033	24,360	107,379	2,998	9,886	1,265	4,887	1,051	7,740	10,028	2,439
1954	151,378	16,532	108,456	1,842	10,584	762	3,511	92	3,097	5,279	1,223
1955	136,691	15,284	96,349	2,070	11,813	937	1,368	57	3,040	4,796	977
1956	147,402	17,518	106,663	1,606	11,611	1,046	413	11	2,839	4,517	1,178
1957	135,072	17,487	93,617	1,486	11,912	816	1,002	24	3,819	3,870	1,039
1958	123,764	16,183	81,509	973	16,927	578	596	9	2,625	3,570	794
1959	113,257	17,709	72,378	1,254	12,488	1,009	687	1	3,280	3,506	945
Gloucester:											
1950	195,931	5,999	9,983	4,162	5,837	673	16,981	5,669	120,291	7,444	18,892
1954	232,387	2,222	9,285	1,842	3,094	370	38,480	588	98,679	7,105	70,722
1955	253,545	1,978	7,588	1,641	3,418	351	53,318	836	86,249	6,011	92,155
1956	252,038	1,361	8,773	1,119	3,365	385	46,432	694	83,303	2,761	103,845
1957	248,928	2,020	8,898	882	4,045	400	76,521	287	65,389	2,604	87,882
1958	230,218	3,189	9,798	1,085	8,103	387	58,927	406	74,951	1,917	71,455
1959	228,723	3,234	12,104	1,364	5,620	440	61,797	393	58,197	2,010	83,564
New Bedford:											
1950	116,911	5,110	11,514	97	207	6	85	258	474	29,412	69,748
1954	71,561	4,734	11,082	42	20	1	103	--------	(1)	19,206	36,373
1955	83,041	4,435	8,035	3,189	62	5	3,789	(1)	12	23,725	39,789
1956	87,965	3,809	11,054	4,312	97	2	2,434	--------	1	22,746	43,510
1957	104,334	2,643	8,543	468	41	3	2,306	--------	--------	28,325	62,005
1958	111,669	5,954	8,177	2,065	48	1	(1)	--------	--------	36,844	58,580
1959	107,061	6,921	9,431	1,247	69	1	360	--------	--------	33,558	56,374
Cape Cod ports:											
1950	37,760	3,034	2,555	359	384	39	11,618	2,379	7	5,912	11,473
1954	36,323	1,736	1,503	1,596	302	27	13,858	1,375	1	3,577	12,348
1955 [2]	42,063	2,261	2,003	2,654	374	9	10,421	1,032	2	3,827	19,480
1956 [2]	47,717	1,999	2,501	2,859	264	23	19,114	1,916	3	5,877	13,161
1957 [2]	53,412	1,851	1,776	1,764	114	6	24,134	1,202	(1)	7,397	15,168
1958 [2]	50,736	3,019	1,844	1,542	115	8	18,885	2,241	1	6,359	16,722
1959 [2]	50,999	2,798	1,761	2,510	249	4	17,921	2,191	1	7,721	15,843
VALUE											
Boston:											
1950	13,557	1,787	9,180	191	451	62	199	107	326	924	330
1954	10,788	1,167	8,045	128	422	43	132	18	141	556	136
1955	9,226	1,039	6,670	141	493	60	50	11	133	531	98
1956	10,545	1,225	7,791	140	466	71	20	2	116	579	135
1957	11,177	1,208	8,359	140	539	57	26	5	168	531	144
1958	12,634	1,448	9,354	108	914	43	32	2	142	492	99
1959	11,250	1,432	8,242	108	639	65	26	(3)	172	455	111
Gloucester:											
1950	9,061	368	792	131	184	21	557	438	5,692	539	339
1954	8,256	142	638	76	93	16	1,068	81	4,029	633	1,480
1955	7,931	120	469	67	103	16	1,067	97	3,327	530	2,135
1956	7,442	85	576	48	95	19	870	55	3,142	247	2,305
1957	7,024	125	668	45	132	20	1,412	31	2,525	249	1,817
1958	7,973	241	1,017	60	347	20	1,496	34	3,131	208	1,419
1959	7,118	240	1,270	71	219	23	1,243	37	2,377	209	1,429
New Bedford:											
1950	11,343	369	991	4	8	--------	1	40	17	3,724	6,189
1954	10,281	307	768	2	1	(3)	2	--------	(3)	2,631	6,570
1955	11,998	321	531	38	3	(3)	51	(3)	(3)	3,310	7,744
1956	12,291	280	734	48	4	(3)	31	--------	(3)	3,076	8,118
1957	13,059	210	694	5	1	(3)	29	--------	--------	3,605	8,515
1958	13,751	546	816	21	2	(3)	(3)	--------	--------	4,313	8,053
1959	15,746	639	945	14	3	(3)	5	--------	--------	4,457	9,683
Cape Cod ports:											
1950	2,560	230	232	8	14	1	289	194	--------	677	915
1954	1,918	122	124	21	11	1	325	194	(3)	414	706
1955 [2]	1,916	154	126	38	11	(3)	239	121	(3)	462	765
1956 [2]	2,422	166	174	34	11	(3)	390	262	(3)	684	701
1957 [2]	2,699	161	145	20	5	(3)	503	199	(3)	856	810
1958 [2]	2,800	256	201	18	6	(3)	423	307	(3)	754	835
1959 [2]	2,731	216	166	30	7	(3)	406	268	(3)	940	698

[1] Less than 500 pounds.
[2] Includes Plymouth, Mass.
[3] Less than $500.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 978. Fisheries—Disposition of Domestic Catch: 1945 to 1960

[**Round weight of catch in millions of pounds.** Includes Alaska, and beginning 1959, Hawaii. 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. From 600 million to 1 billion pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics, Colonial Times to 1957*, series L 155–161]

DISPOSITION	1945	1950	1954	1955	1956	1957	1958	1959	1960 (prel.)
Total	4,576	4,884	4,742	4,794	5,252	4,778	4,736	5,122	4,930
Fresh and frozen	1,847	1,692	1,564	1,568	1,526	1,446	1,541	1,539	1,626
Canned	1,230	1,720	1,159	1,039	1,202	1,117	1,210	977	1,043
Cured	110	100	85	86	87	88	85	83	82
Byproducts, bait, etc	1,389	1,372	1,934	2,101	2,437	2,127	1,900	2,523	2,179

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

No. 979. Canned Fishery Products—Production and Value, by Species: 1940 to 1960

[**Quantity in thousands of pounds; value in thousands of dollars.** Includes Alaska, beginning 1952, Hawaii, beginning 1953, Puerto Rico, and beginning 1954, American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 176–195]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mackerel	Shrimp	Clam products	Oysters	Other
			Maine [1]	Calif.						
QUANTITY										
1940	681,194	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101
1945	646,386	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217
1950	967,115	206,871	78,037	228,186	174,794	65,567	11,794	38,868	6,893	156,105
1951	800,515	222,987	34,038	128,924	157,326	47,183	13,068	39,187	6,529	151,273
1952	815,213	214,289	71,677	4,804	179,417	68,641	12,269	45,252	7,408	211,456
1953	792,194	187,769	56,485	2,863	188,704	26,834	15,242	44,650	6,845	262,802
1954	862,629	199,810	59,579	60,215	214,454	16,478	14,021	43,005	6,245	248,822
1955	845,019	157,855	25,758	63,657	196,500	25,399	13,516	44,647	7,834	309,853
1956	979,419	168,250	45,298	33,963	229,570	50,235	13,636	48,060	6,512	383,895
1957	991,665	153,917	45,019	22,399	232,676	59,696	9,120	48,652	6,981	413,205
1958	1,099,252	179,134	49,139	100,016	279,238	18,199	14,308	47,212	5,580	406,426
1959	974,576	118,330	41,024	33,956	283,262	26,407	13,832	47,168	5,896	404,701
1960 (prel.)	1,091,815	139,777	46,744	27,714	301,526	42,064	13,965	50,605	5,747	463,673
VALUE										
1940	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969
1945	152,801	52,586	12,077	15,346	47,407	4,047	1,919	7,391	2,030	9,998
1950	331,335	109,541	21,209	26,346	112,830	7,492	12,773	10,840	7,096	23,208
1951	301,210	108,626	14,635	19,363	99,046	6,259	12,187	11,774	5,931	23,389
1952	305,829	98,264	21,503	918	113,035	11,363	12,999	12,210	7,047	28,490
1953	306,874	82,240	16,954	653	126,258	5,039	18,947	12,630	6,559	37,594
1954	331,018	92,255	18,153	9,818	142,149	2,509	13,691	12,301	5,829	34,313
1955	303,165	81,356	9,333	10,014	125,259	3,334	13,562	12,057	7,004	41,245
1956	349,516	95,101	16,692	5,734	140,338	6,435	16,421	13,481	6,257	49,057
1957	335,829	86,149	14,733	4,721	135,907	7,404	13,136	13,317	7,008	53,454
1958	388,582	92,822	15,874	16,497	162,615	2,657	20,791	12,551	5,445	59,330
1959	348,251	71,827	14,902	5,399	159,526	4,235	16,948	13,291	5,721	56,402
1960 (prel.)	383,321	84,717	16,700	4,659	172,786	5,804	16,920	13,642	5,640	62,453

[1] Also known as Atlantic sea herring.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 980. Canned Fishery Products, Fish Meal, and Fish Oil—Production and Value: 1940 to 1960

[Includes Alaska, beginning 1952, canned fishery products and meal include Hawaii, beginning 1953, Puerto Rico and beginning 1954, American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 177 and L 196-201]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 lb.	*$1,000*	*Tons*	*$1,000*	*1,000 gal.*	*$1,000*	*$1,000*
1940	681,194	94,182	193,244	7,834	18,250	5,632	5,088
1945	646,386	152,801	200,675	14,405	23,698	16,034	11,202
1950	967,115	331,335	239,713	29,226	21,432	14,042	3,431
1951	800,515	301,210	209,756	25,374	17,873	14,044	2,579
1952	815,213	305,829	221,403	27,162	15,818	7,316	2,075
1953	792,194	306,874	238,851	29,560	20,090	10,045	1,436
1954	862,629	331,018	256,967	32,754	21,628	11,414	1,392
1955	845,019	303,165	264,502	34,749	24,679	14,280	589
1956	979,419	349,516	295,793	37,887	26,581	16,626	625
1957	991,665	335,829	264,085	32,592	20,196	12,077	542
1958	1,099,252	388,582	248,140	31,759	21,977	12,098	235
1959	974,576	348,251	306,551	35,926	24,945	12,791	301
1960 (prel.)	1,091,815	383,321	289,716	25,331	27,826	12,986	350

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 981. Fresh and Frozen Packaged Fish and Frozen Fishery Products—Production and Value: 1940 to 1960

[**Quantity in thousands of pounds; value in thousands of dollars.** Excludes Alaska and Hawaii, except as noted. For cold storage holdings, see table 929. See also *Historical Statistics, Colonial Times to 1957*, series L 160, for frozen fishery products]

ITEM AND YEAR	FRESH AND FROZEN PACKAGED FISH							Frozen fishery products [1]
	Total	Cod	Flounders	Haddock	Ocean perch	Whiting	Other	
QUANTITY								
1940	129,420	14,805	11,245	37,140	23,014	13,256	29,960	196,155
1945 [2]	204,927	28,864	19,961	44,197	35,456	29,959	46,490	286,001
1950	191,524	12,990	28,331	51,192	63,128	2,537	33,346	287,190
1951	205,486	13,290	26,309	50,831	75,023	8,714	31,319	325,504
1952	190,389	11,684	24,340	52,065	58,660	7,912	36,228	313,173
1953	160,370	11,406	21,279	44,334	50,171	3,324	29,856	275,396
1954	173,608	12,241	20,252	46,867	58,623	3,308	32,317	302,658
1955	159,039	11,737	22,740	38,276	50,229	3,703	32,354	314,684
1956	162,799	10,232	21,822	44,230	47,298	3,188	36,029	324,964
1957	154,465	10,078	24,259	39,401	42,070	3,781	34,876	314,158
1958	155,875	11,813	24,516	33,357	45,536	4,208	36,445	322,153
1959 [1]	147,237	12,582	24,386	30,613	38,749	4,642	36,265	336,602
1960 (prel.)	152,576	9,458	28,050	33,324	43,551	2,951	35,242	328,741
VALUE								
1940	14,345	1,793	1,542	4,521	2,272	561	3,656	(3)
1945 [2]	48,371	7,452	6,086	12,349	7,673	3,098	11,713	
1950	53,482	3,101	9,916	14,275	15,126	399	10,665	
1951	59,487	3,436	10,817	14,546	18,733	1,338	10,617	
1952	55,057	3,004	9,897	15,387	14,182	1,058	11,529	
1953	45,839	2,888	8,089	13,011	11,376	530	9,945	
1954	47,118	2,845	7,617	11,572	13,300	555	11,229	
1955	44,865	2,785	8,769	9,848	11,436	591	11,437	
1956	47,342	2,606	8,714	11,273	10,667	591	13,491	
1957	46,762	2,489	9,337	11,800	9,678	644	12,814	
1958	51,227	3,414	9,617	11,603	11,098	796	14,699	
1959 [1]	46,170	3,552	9,740	10,143	9,435	806	12,494	
1960 (prel.)	48,254	2,846	11,097	10,839	10,177	571	12,724	

[1] Includes Alaska.
[2] Excludes California production of packaged fish.
[3] Not available.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 982. Seafoods—Production of Consumer Packages of Selected Products: 1950 to 1960

[**In thousands of pounds.** Excludes Alaska and Hawaii. Represents items frozen in consumer packages of 2 pounds or less]

PRODUCT	1950	1955	1956	1957	1958	1959	1960 (prel.)
Total	**42,655**	**82,008**	**105,301**	**97,590**	**115,115**	**120,023**	**108,954**
Fillets and steaks, raw, not breaded	26,930	39,770	55,646	47,266	58,912	53,346	45,663
Shrimp, breaded }	11,060	25,239	31,176	33,036	38,453	43,556	39,216
Shrimp, not breaded }		10,020	10,078	8,755	9,496	10,774	14,592
Scallops	3,800	4,698	5,850	6,740	6,159	8,926	7,469
Oysters	865	2,281	2,551	1,794	2,094	3,421	2,014

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States.*

No. 983. Manufactured Fishery Products—Summary: 1958 to 1960

[Includes Alaska, Hawaii, American Samoa, and Puerto Rico]

PRODUCT	Unit	1958		1959		1960 (prel.)	
		Quantity	Value ($1,000)	Quantity	Value ($1,000)	Quantity	Value ($1,000)
Total			**794,648**		**751,697**		(1)
Packaged products, fresh and frozen	1,000 lb	512,587	284,526	527,607	280,611	(1)	(1)
Fish, not breaded:							
Fillets and steaks, raw	do	155,885	51,230	147,248	46,174	152,576	48,254
Other [2]	do	4,556	666	6,285	1,434	(1)	(1)
Fish, breaded, raw and cooked:							
Sticks	do	61,011	27,000	60,377	28,611	65,037	28,717
Fillets, portions, and pan-dressed	do	28,960	11,063	37,956	13,377	48,278	17,153
Shellfish:							
Not normal breaded	do	163,809	124,046	172,355	119,702	(1)	(1)
Breaded	do	71,973	52,541	82,610	56,960	(1)	(1)
Fish and shellfish specialties	do	26,393	17,980	20,776	14,353	(1)	(1)
Canned products	do	1,099,252	388,582	974,576	348,251	1,091,815	383,321
Fish and shellfish for human consumption	do	738,169	345,616	627,591	310,262	669,501	338,491
Salmon eggs for bait	do	927	1,007	883	912	[2] 717	[2] 869
Animal food	do	360,156	41,959	346,102	37,077	421,597	43,961
Cured fish	do	75,261	41,657	72,622	40,619	(1)	(1)
Salted and pickled [3]	do	40,349	15,399	42,650	17,012	(1)	(1)
Smoked	do	34,563	25,764	29,650	23,316	(1)	(1)
Dried shrimp	do	349	494	322	291	(1)	(1)
Byproducts			79,883		82,216		66,500
Meal and scrap	1,000 tons	248	31,758	307	35,926	290	25,331
Oil (body and liver)	1,000 gallons	22,028	12,333	24,978	13,092	27,859	13,336
Fish solubles and homogenized condensed fish	1,000 tons	130	11,519	165	10,043	99	4,021
Oyster and marine clam-shell lime and grit	do	431	4,719	399	4,937	470	6,811
Fresh-water mussel-shell products			2,424		1,221		641
Marine pearl-shell buttons	1,000 gross	2,357	4,218	1,718	3,166	1,426	2,676
Other			12,912		13,831		13,744

[1] Not available.
[2] Includes whole meat for animal feeding.
[3] Includes lutefish from dried cod.

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States.*

No. 984. Fishery Products—Imports and Exports: 1940 to 1960

[Includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series L 162, for edible imports]

YEAR	IMPORTS				EXPORTS			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
	$1,000	*1,000 pounds*	*$1,000*	*$1,000*	*$1,000*	*1,000 pounds*	*$1,000*	*$1,000*
1940	41, 830	302, 518	29, 073	12, 757	17, 785	144, 804	17, 115	670
1945	101, 254	404, 768	76, 434	24, 820	38, 510	135, 979	30, 855	7, 655
1950	198, 296	639, 725	158, 414	39, 882	27, 474	121, 623	18, 856	8, 618
1954	252, 332	803, 389	203, 645	48, 687	31, 527	62, 724	16, 238	15, 289
1955	257, 947	771, 012	208, 051	49, 896	39, 977	109, 750	24, 923	15, 054
1956	281, 197	787, 866	233, 166	48, 031	39, 503	101, 918	22, 939	16, 564
1957	297, 443	884, 024	250, 956	46, 487	35, 952	85, 221	20, 549	15, 403
1958	327, 171	991, 479	280, 212	46, 959	31, 004	65, 468	19, 440	11, 564
1959	366, 500	1, 113, 624	311, 033	55, 467	44, 242	80, 688	26, 747	17, 495
1960	355, 935	1, 066, 622	307, 395	48, 540	40, 856	61, 454	25, 623	15, 233

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Department of Commerce, Bureau of the Census.

No. 985. Fishery Products—Imports and Exports of Selected Products: 1955 to 1960

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series L 164–171, for selected imports]

PRODUCT	1955		1958		1959		1960 (prel.)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
IMPORTS								
Edible products:								
Fresh or frozen:								
Whitefish (exc. fillets)	10, 161	3, 421	13, 968	5, 270	14, 365	5, 201	14, 483	5, 520
Halibut (exc. fillets)	15, 988	3, 187	22, 280	6, 134	23, 368	6, 201	24, 124	5, 832
Salmon (exc. fillets)	16, 945	5, 488	26, 180	9, 389	19, 700	7, 232	13, 473	6, 340
Sea herring	6, 302	151	39, 552	862	65, 713	1, 381	74, 305	1, 798
Smelt	6, 176	1, 230	5, 503	1, 159	6, 334	1, 197	8, 437	1, 402
Swordfish (exc. fillets)	6, 742	2, 000	6, 552	2, 509	8, 650	2, 872	7, 256	2, 994
Tuna	145, 246	19, 047	197, 958	25, 377	235, 911	29, 728	234, 649	29, 574
Groundfish fillets	128, 312	24, 768	146, 589	30, 431	184, 837	38, 759	155, 551	33, 266
Other fillets and steaks	55, 223	17, 627	62, 688	22, 000	64, 802	21, 012	65, 465	22, 200
Lobster and spiny lobster	45, 441	30, 104	47, 351	35, 661	48, 727	38, 635	53, 749	44, 768
Shrimp and prawn	53, 772	24, 532	85, 394	43, 162	106, 555	52, 306	113, 418	56, 397
Canned:								
Anchovies, in oil	5, 753	2, 695	6, 055	2, 370	6, 056	2, 176	5, 160	2, 173
Salmon	14, 644	5, 173	29, 226	11, 271	31, 154	11, 130	19, 112	7, 541
Sardines, in oil	20, 930	7, 502	18, 001	7, 310	21, 153	8, 194	21, 235	8, 330
Sardines and herring, not in oil	9, 886	2, 366	21, 172	4, 002	11, 603	2, 841	6, 140	785
Tuna:								
In oil	818	355	758	265	830	305	596	220
Not in oil	34, 745	13, 846	45, 446	16, 617	55, 304	21, 383	51, 160	18, 921
Bonito and yellowtail:								
In oil	11, 725	2, 822	9, 759	2, 476	9, 675	2, 244	7, 110	1, 699
Not in oil	3, 589	688	2, 732	556	3, 848	810	2, 797	599
Crab meat	4, 951	4, 718	5, 854	6, 116	7, 304	7, 947	4, 508	5, 514
Lobster, common and spiny	3, 775	5, 073	2, 761	3, 952	4, 443	6, 441	2, 939	5, 238
Pickled or salted:								
Cod, haddock, hake, pollock, and cusk	50, 626	7, 793	48, 843	8, 489	45, 831	8, 281	47, 355	9, 435
Herring	32, 390	3, 641	29, 821	3, 614	30, 006	3, 919	29, 294	3, 924
Nonedible products (scrap and meal)	196, 000	12, 956	200, 000	11, 335	266, 000	15, 884	263, 122	11, 068
EXPORTS								
Canned:								
Salmon	10, 429	6, 599	9, 227	6, 669	13, 826	10, 639	11, 923	9, 830
Mackerel	1, 548	244	2, 308	333	743	135	1, 305	211
Sardines:								
In oil	1, 179	246	645	164	1, 271	293	264	65
Not in oil	45, 431	7, 232	17, 816	3, 231	37, 453	5, 843	20, 955	3, 443
Fish oil, nonedible	143, 042	11, 913	94, 043	7, 761	144, 481	11, 902	143, 659	10, 688

Source: Department of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*. Compiled from data furnished by Department of Commerce, Bureau of the Census.

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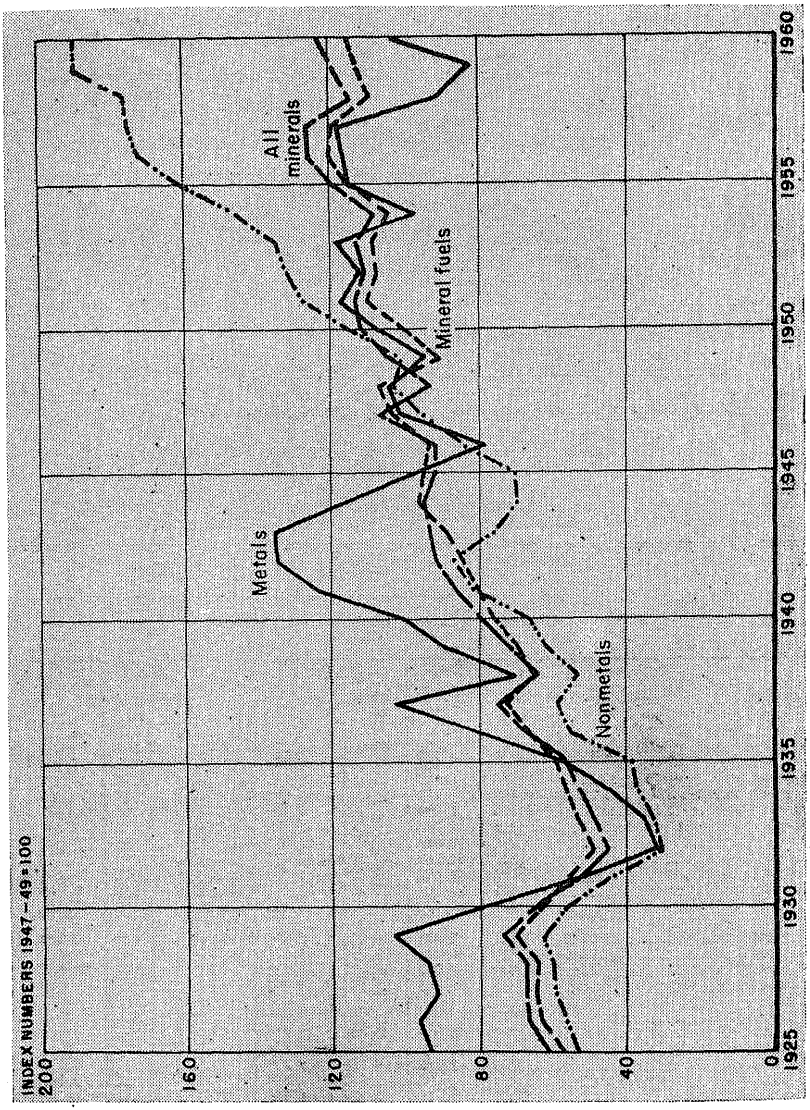
FIG. XLI. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION: 1925 TO 1960

[1947-49=100. See table 987]



Source: Department of the Interior, Bureau of Mines.

Section 28

Mining and Mineral Products

This section presents statistics relating to the mineral industries and mineral products. The data are arranged in four broad groupings: General summary statistics, fuels, nonmetals other than fuels, and metals. Summary measures of production and employment are presented for mining and its products. More detailed data on value and quantity of production, prices, imports and exports, consumption, and distribution are shown for specific mineral industries and products. The latter include not only crude minerals (coal, iron ore, etc.), but minerals which have passed through certain stages of processing (refined copper, cement, etc.), and minerals such as magnesium whose extraction does not involve mining in the conventional sense.

The principal source of these data is the *Minerals Yearbook* which consists of three volumes—*Metals and Minerals (Except Fuels)*, *Fuels*, and *Area Reports*, published by the Bureau of Mines of the Department of the Interior. Other government sources are the Censuses of Mineral Industries conducted by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics;* and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Nongovernment sources include the *Engineering and Mining Journal* issued monthly by the McGraw-Hill Publishing Co., and *The Iron Age*, a weekly Chilton Co. publication.

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. Current 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; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes separate data on man-hours, active days, length of shift, and accidents.

Censuses of mineral industries have been conducted by the Bureau of the Census approximately every 10 years since 1840. The most recent censuses have been those covering 1954 and 1958. Summary data from those censuses are included here. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* (formerly *Facts for Industry*) series.

Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and other mineral products appear in section 30, Manufactures; and summary data for outlying areas of the U.S. appear in section 33.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 992. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between conterminous U.S. and outlying areas.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series M 13–14") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 986. Value of Mineral Production: 1926 to 1960

[**In millions of dollars.** Beginning 1953, includes Alaska and Hawaii. Includes some advanced products, like cement, lime, and natural gas liquids in all years, and through 1946, value of heavy clay products; also, value of nonferrous metals is mine quantity valued at the refined price. See also *Historical Statistics, Colonial Times to 1957*, series M 13-14, M 20, and M 30]

YEARLY AVERAGE OR YEAR	Total	Mineral fuels [1]	Non-metals	Metals	YEAR	Total	Mineral fuels [1]	Non-metals [2]	Metals
1926-1930	4,676	2,870	1,144	661	1951	13,529	9,779	2,079	1,671
1931-1935	2,463	1,691	520	252	1952	13,396	9,616	2,163	1,617
1936-1940	3,879	2,545	711	623	1953	14,418	10,257	2,350	1,811
1941	5,107	3,228	989	890	1954	14,067	9,919	2,630	1,518
1942	5,623	3,568	1,056	999	1955	15,792	10,780	2,957	2,055
1943	5,931	4,028	916	987	1956	17,365	11,741	3,266	2,358
1944	6,310	4,574	836	900	1957	18,113	12,709	3,267	2,137
1945	6,231	4,569	888	774	1958	16,528	11,589	3,346	1,593
1946	7,062	5,090	1,243	729	1959	17,241	11,951	3,720	1,570
1947	9,610	7,188	1,338	1,084	1960 (prel.)	17,828	12,183	3,633	2,012
1948	12,273	9,502	1,552	1,219					
1949	10,580	7,920	1,559	1,101					
1950	11,862	8,689	1,822	1,351					

[1] Through 1948, comprises coal, natural gas, natural gas liquids, and petroleum; beginning 1949, also includes asphalt and related bitumens, carbon dioxide, helium, and peat.
[2] Beginning 1954, adjusted to eliminate duplication in value of clays and stone.

No. 987. Bureau of Mines Indexes of the Physical Volume of Mineral Production: 1930 to 1960

[1947-49=100. Includes Alaska, Hawaii, and Puerto Rico, and, beginning 1952, other outlying areas of U.S. See also *Historical Statistics, Colonial Times to 1957*, series M 51-62]

YEAR	All minerals	Metals	Non-metals	Mineral fuels	YEAR	All minerals	Metals	Non-metals	Mineral fuels
1930	64.4	80.3	56.7	63.2	1955	119.0	115.0	161.0	113.8
1935	55.9	57.3	38.5	58.9	1956	125.8	117.1	172.6	120.5
1940	78.4	110.0	66.2	75.6	1957	126.1	118.8	175.7	120.3
1945	92.0	95.2	70.2	94.8	1958	115.5	90.8	176.2	110.2
1950	102.6	108.8	116.1	100.1	1959	119.6	82.2	190.7	114.5
1951	112.6	117.2	127.3	110.1	1960(prel.)	122.4	104.6	192.2	115.1
1952	110.9	112.7	132.1	107.8					
1953	112.6	119.1	135.2	108.8					
1954	107.9	97.6	146.4	104.0					

Source of tables 986 and 987: Department of the Interior, Bureau of Mines; *Minerals Yearbook.*

No. 988. Federal Reserve Board Indexes of the Physical Volume of Mineral Production: 1950 to 1960

[1957=100. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 63-66, for indexes on 1947-49 base]

YEAR	All mining	COAL, OIL, AND GAS							METAL, STONE, AND EARTH MINERALS		
		Total	Coal			Crude oil	Gas and gas liquids	Oil and gas drilling	Total	Metal mining	Stone and earth minerals
			Total	Anthracite	Bituminous						
1950	80	81	111	173	106	75	63	72	72	78	66
1951	87	89	114	167	109	86	72	78	78	84	72
1952	87	88	100	158	95	87	77	84	76	78	76
1953	89	90	95	118	92	90	82	91	82	87	78
1954	86	88	82	106	79	88	84	98	79	71	85
1955	95	96	97	98	96	95	90	103	91	90	93
1956	100	101	103	112	103	100	96	105	98	95	100
1957	100	100	100	100	100	100	100	100	100	100	100
1958	91	92	83	86	82	93	100	89	91	83	98
1959	95	96	82	77	83	98	106	93	94	77	108
1960 (prel.)	97	95	82	71	83	98	116	85	105	96	112

Source: Board of Governors of the Federal Reserve System; *Federal Reserve Bulletin.*

No. 989. Summary of Value of Raw Materials in Constant Dollars, by Major Groups: 1920 to 1957

[**In millions of 1954 dollars.** Includes Alaska, Hawaii, and outlying areas of the U.S., except for agricultural materials. Preliminary. See also *Historical Statistics, Colonial Times to 1957*, series M 38-50, for minerals figures]

Item and year	All raw materials [1]	Agricultural materials			Fishery and wildlife products	Forest products	Minerals			
		Total	Crops	Livestock			Total [1]	Metallic ores [1]	Mineral fuels	Other minerals
Production:										
1920	25,341	16,066	7,454	8,612	286	2,739	6,250	1,007	4,710	533
1930	27,550	17,407	7,412	9,995	366	2,373	7,404	982	5,602	820
1940	31,315	19,459	8,010	11,449	391	2,531	8,934	1,248	6,789	897
1945	36,484	22,949	8,402	14,547	420	2,266	10,849	1,291	8,595	963
1950	38,784	23,383	9,381	14,002	420	2,719	12,262	1,387	9,342	1,533
1955	44,896	26,996	10,898	16,098	431	2,847	14,622	1,579	10,905	2,138
1957	45,747	27,126	10,577	16,549	455	2,673	15,493	1,635	11,548	2,310
Imports:										
1920	4,250	3,012	2,412	600	202	137	899	517	308	74
1930	4,843	3,633	3,124	509	204	181	825	440	302	83
1940	5,928	4,218	3,651	567	241	175	1,294	945	239	110
1945	6,386	4,372	3,737	635	229	202	1,583	1,058	373	152
1950	8,039	4,871	4,076	795	282	377	2,509	1,375	864	270
1955	8,587	4,690	4,151	539	324	402	3,171	1,600	1,303	268
1957	9,356	4,868	4,299	569	353	364	3,771	1,846	1,633	292
Exports:										
1920	3,864	2,871	2,249	622	107	104	782	317	436	29
1930	3,291	2,159	1,896	263	67	157	908	347	522	39
1940	2,324	1,238	1,084	154	71	90	925	430	452	43
1945	3,442	2,347	1,482	865	56	48	991	278	666	47
1950	3,533	2,684	2,274	410	41	83	725	203	441	81
1955	4,226	2,979	2,304	675	59	99	1,089	386	597	106
1957	6,135	4,397	3,713	684	64	98	1,576	521	933	122
Apparent consumption: [2]										
1920	25,727	16,207	7,617	8,590	382	2,772	6,366	1,206	4,583	577
1930	28,695	18,472	8,124	10,348	503	2,397	7,323	1,075	5,382	866
1940	34,046	21,565	9,736	11,829	561	2,616	9,304	1,764	6,576	964
1945	39,868	25,413	11,123	14,290	593	2,420	11,442	2,071	8,303	1,068
1950	43,487	25,766	11,218	14,547	661	3,013	14,047	2,559	9,765	1,723
1955	47,900	27,351	11,191	16,160	695	3,150	16,704	2,793	11,611	2,300
1957	49,264	27,892	11,305	16,587	745	2,939	17,688	2,960	12,248	2,480

[1] Excludes gold.
[2] Represents "production" plus "imports" minus "exports," except for agricultural materials, 1930 to 1957, for which "consumption" is adjusted for a major portion of stock changes.

Source: Department of Commerce, Bureau of the Census; records (preliminary tables for forthcoming report, *Raw Materials in the United States Economy: 1900-1957*, Working Paper No. 6).

No. 990. Average Prices of Selected Mineral Products: 1921 to 1960

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 91, M 134, M 199, and M 238, for bituminous coal, crude petroleum, iron ore, and lead, respectively]

Yearly average or year	Iron ore [1] (Lake Erie ports)	Copper, electrolytic [2]	Lead (New York)	Tin (New York) [3]	Zinc (St. Louis)	Aluminum, delivered [4]	Sulfur crude (f.o.b. works)	Bituminous coal [5]	Crude petroleum [6]
	Dollars per long ton	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Dollars per long ton*	*Dollars per short ton*	*Dollars per bbl.*
1921-1925	5.03	13.474	6.933	42.64	6.189	23.88	14.55	2.57	1.56
1926-1930	4.35	14.475	6.765	51.38	6.135	24.80	18.04	1.88	1.36
1931-1935	4.50	7.555	3.843	37.64	3.806	22.40	18.00	1.54	.83
1936-1940	4.76	10.980	5.138	48.39	5.495	20.12	17.10	1.88	1.09
1941-1945	4.47	11.779	6.355	52.01	8.095	15.37	16.00	2.64	1.19
1946-1950	6.29	19.451	13.897	85.32	11.765	16.09	17.48	4.46	2.20
1951-1955	9.36	28.877	15.330	106.00	13.610	20.96	23.88	4.75	2.66
1956-1960	11.33	32.078	13.388	99.26	11.919	25.00	24.50	[7] 4.85	[7] 2.94
1957	11.45	29.576	14.658	96.26	11.399	27.52	25.50	5.08	3.09
1958	11.45	25.764	12.109	95.13	10.309	24.79	23.50	4.86	3.01
1959	11.45	31.182	12.211	102.05	11.448	24.74	23.50	4.77	2.90
1960	11.45	32.053	11.948	101.44	12.946	26.00	23.50	[7] 4.73	[7] 2.92

[1] Lake Superior, Mesabi, non-Bessemer. [2] Domestic market since 1932.
[3] Straits tin.
[4] Prices 1921 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); 1930-1955, for 99+percent virgin ingot; beginning 1956, for 99+percent unalloyed ingot.
[5] Average value at mine. Includes Alaska,
[6] Average value at well. Includes Alaska, 1921-1933, and 1958-1960. [7] Preliminary.

Source: Compiled from *Engineering Mining Journal; The Iron Age; Wholesale Prices and Price Indexes* (Bureau of Labor Statistics); *Minerals Yearbook*, and records (Bureau of Mines).

No. 991. MINERAL INDUSTRIES—

[In thousands, except number of employees and workers. Excludes Alaska and Hawaii. Excludes *Statistics, Colonial Times*

	MINERAL INDUSTRY	VALUE OF SHIPMENTS [1]		ALL EMPLOYEES			
				Number [2]		Payroll [3]	
		1954	1958	1954	1958	1954	1958
1	**All industries**	[7] $15,489,383	$18,106,834	785,708	732,632	$3,385,722	$3,740,288
2	**Metal mining**	[7] 1,506,238	1,852,845	100,250	92,501	463,025	487,786
3	Iron ores	547,218	681,938	34,170	31,576	156,909	174,387
4	Copper ores	508,729	474,644	27,813	27,642	136,065	143,501
5	Lead and zinc ores	175,947	120,561	16,566	11,227	71,363	54,397
6	Lead ores	94,874	75,603	8,720	6,883	39,002	33,759
7	Zinc ores	81,073	44,958	7,846	4,344	32,361	20,638
8	Gold and silver ores	46,581	48,389	4,831	3,939	20,618	19,994
9	Lode gold	28,517	29,506	3,020	2,586	12,269	12,447
10	Placer gold	5,916	6,326	556	364	2,311	1,790
11	Silver ores	12,148	12,557	1,255	989	6,038	5,757
12	Bauxite	16,819	18,174	852	705	3,581	3,606
13	Ferroalloy ores, excl. vanadium	153,671	111,521	8,078	5,438	38,535	26,711
14	Manganese ores	32,398	39,385	2,604	2,099	9,292	9,036
15	Tungsten ores	60,737	14,430	2,987	638	14,758	2,907
16	Ferroalloy ores, excl. vanadium, n.e.c.	60,536	57,706	2,487	2,701	14,485	14,768
17	Metal mining services	38,679	32,384	3,059	2,184	15,268	12,097
18	Miscellaneous metal ores	[7] 18,594	365,234	4,881	9,790	20,686	53,093
19	Titanium ores	12,750	17,158	843	962	3,699	4,496
20	Uranium-radium-vanadium ores	(5)	336,451	3,467	7,939	14,568	44,422
21	Mercury ores and metallic ores, n.e.c.	5,844	11,625	571	889	2,419	4,175
22	**Anthracite mining**	408,431	325,128	37,462	22,813	135,929	93,396
23	Anthracite	365,536	290,342	32,769	19,712	118,070	79,473
24	Anthracite mining services	42,895	34,786	4,693	3,101	17,859	13,923
25	**Bituminous coal and lignite mining**	2,068,183	2,423,361	218,833	187,706	874,305	912,784
26	Bituminous coal	2,040,200	2,390,677	216,813	185,676	865,649	902,759
27	Lignite	10,387	11,035	574	510	2,588	2,693
28	Bituminous coal and lignite mining services.	17,596	21,649	1,446	1,520	6,068	7,332
29	**Crude petroleum and natural gas extraction.**	[9] 9,924,339	11,636,887	315,735	312,800	1,462,443	1,699,420
30	Crude petroleum and natural gas	7,070,097	8,385,906	172,506	180,040	835,740	1,042,186
31	Crude petroleum	6,642,452	7,809,898	161,282	164,723	790,946	965,858
32	Natural gas	427,645	576,008	11,224	15,317	44,794	76,328
33	Natural gas liquids	[10] 640,422	1,625,098	17,340	16,514	85,057	96,319
34	Oil and gas field services	1,631,020	1,625,883	125,889	116,246	541,646	560,915
35	Drilling oil and gas wells	972,745	904,939	67,976	59,411	304,312	289,243
36	Oil and gas exploration services	114,815	87,215	11,488	9,557	49,467	43,649
37	Oil and gas field services, n.e.c.	543,460	633,729	46,425	47,278	187,867	228,023
38	**Nonmetallic minerals (excl. fuels) mining.**	1,582,192	1,868,613	113,428	116,812	450,020	546,902
39	Dimension stone [11]	18,945	15,864	3,224	2,306	8,625	7,121
40	Crushed and broken stone [12]	466,238	616,076	37,471	41,404	145,472	188,401
41	Sand and gravel [12]	466,015	560,806	36,466	37,048	147,313	172,326
42	Clay, ceramic, and refractory minerals [12]	103,768	122,738	8,232	8,773	26,504	36,157
43	Chemical and fertilizer mineral mining	457,586	464,612	21,609	20,556	99,391	115,976
44	Barite	18,269	13,768	1,125	929	3,874	3,402
45	Fluorspar	15,461	19,977	1,260	1,235	4,866	5,616
46	Potash, soda, and borate minerals	107,757	141,115	6,322	6,661	33,439	41,067
47	Phosphate rock	117,976	132,094	5,440	5,393	21,529	27,210
48	Rock salt	35,658	41,813	1,925	1,984	8,571	10,996
49	Sulfur	140,685	106,202	4,095	3,677	21,186	24,570
50	Chemical and fertilizer mineral mining, n.e.c.	21,780	9,643	1,442	677	5,926	3,115
51	Nonmetallic minerals, excl. fuels, services	6,571	7,934	639	1,109	2,327	3,522
52	Misc. nonmetallic minerals, excl. fuels [12]	63,069	80,583	5,787	5,616	20,388	23,399

[1] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis.
[2] Excludes proprietors and firm members of unincorporated concerns.
[3] Gross earnings paid to all employees on payroll.
[4] Represents employees up through the working foreman level engaged in manual work.
[5] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours, not straight-time equivalent hours.
[6] Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery, from the value of shipments and capital expenditures.

SUMMARY: 1954 AND 1958

establishments with value of production and with expenditures less than $500. See also *Historical to 1957*, series M 1–12]

PRODUCTION AND DEVELOPMENT WORKERS [4]						VALUE ADDED IN MINING [6]		CAPITAL EXPENDITURES		
Number		Man-hours [5]		Wages						
1954	1958	1954	1958	1954	1958	1954	1958	1954	1958	
647,141	564,281	1,248,898	1,077,864	$2,572,297	$2,616,273	[7] $11,546,418	$13,381,494	$2,723,756	$2,797,810	1
81,896	71,402	168,346	136,750	353,303	356,209	[7] 1,075,519	1,187,327	221,067	214,291	2
28,216	23,659	53,288	41,737	119,688	120,618	435,668	500,232	84,978	42,749	3
21,544	20,898	46,676	41,021	98,491	106,357	334,876	266,485	82,210	44,874	4
13,592	8,728	27,554	16,734	53,676	39,001	107,409	73.679	11,520	8,619	5
7,156	5,460	14,654	10,397	29,549	24,843	62,713	48,023	5,160	4,496	6
6,436	3,268	12,900	6,337	24,127	14,158	44,696	25,656	6,360	4,123	7
4,200	3,411	9,363	7,071	17,406	17,064	35,354	37,896	3,747	3,224	8
2,634	2,234	5,894	4,602	10,406	10,709	21,884	22,659	2,177	1,728	9
501	323	1,255	723	1,997	1,515	3,614	4,873	504	340	10
1,065	854	2,214	1,746	5,003	4,840	9,856	10,364	1,066	1,156	11
661	502	1,288	905	2,529	2,290	12,827	15,430	310	1,408	12
6,838	4,380	15,122	8,335	31,330	19,455	107,399	74,255	15,519	6,545	13
2,266	1,792	4,293	3,475	7,643	7,244	18,118	20,014	3,264	2,190	14
2,635	508	6,327	977	13,148	1,993	40,744	8,164	6,326	122	15
1,937	2,080	4,502	3,883	10,539	10,218	48,537	46,077	5,929	4,233	16
2,863	1,973	6,519	4,274	13,933	10,624	26,703	22,862	2,400	1,263	17
3,982	7,851	8,536	16,673	16,250	40,800	[7] 15,283	196,488	20,383	105,609	18
568	706	1,261	1,234	2,397	2,882	11,134	12,746	3,998	2,483	19
2,944	6,389	6,227	13,873	11,908	34,439	([8])	174,802	14,793	101,565	20
470	756	1,048	1,566	1,945	3,479	4,149	8,940	1,592	1,561	21
33,026	20,047	48,266	30,867	113,932	79,425	196,835	164,489	10,494	16,591	22
28,823	17,266	42,061	26,409	98,678	67,449	167,090	142,198	7,884	12,804	23
4,203	2,781	6,205	4,458	15,254	11,976	29,745	22,291	2,610	3,787	24
199,655	163,533	325,769	267,699	764,863	760,364	1,418,384	1,609,964	118,811	188,195	25
197,819	161,711	322,410	264,308	757,175	751,584	1,396,774	1,585,541	115,761	183,967	26
505	437	901	844	2,177	2,261	9,093	9,309	639	1,432	27
1,331	1,385	2,458	2,547	5,511	6,519	12,517	15,114	2,411	2,796	28
235,483	213,935	491,718	440,102	976,595	1,010,679	[9] 7,673,694	9,035,289	2,226,316	2,189,735	29
109,792	102,445	216,581	200,930	459,955	497,571	6,129,213	7,339,922	1,898,454	1,943,493	30
101,542	92,358	201,086	181,246	430,497	452,947	5,741,256	6,823,328	1,770,683	1,707,233	31
8,250	10,087	15,495	19,684	29,458	44,624	387,957	516,594	127,771	236,260	32
13,560	13,445	27,862	26,947	63,983	75,739	([8])	587,580	109,959	94,930	33
112,131	98,045	247,275	212,225	452,657	437,369	1,118,544	1,107,787	217,903	151,312	34
62,145	52,274	133,216	109,470	264,797	239,328	623,967	587,440	153,468	102,018	35
10,010	7,559	23,978	16,695	40,813	31,115	81,301	64,353	6,742	7,082	36
39,976	38,212	90,081	86,060	147,047	166,926	413,276	455,994	57,693	42,212	37
97,081	95,364	214,799	202,446	363,604	409,596	1,181,986	1,384,425	147,068	188,998	38
3,068	2,055	5,893	3,690	7,938	6,067	15,155	13,076	947	1,201	39
33,178	34,865	75,680	75,632	122,733	147,266	338,418	445,788	45,009	68,720	40
30,533	30,630	70,103	66,480	118,966	134,441	356,729	434,468	46,087	56,562	41
7,463	7,298	15,377	14,897	22,490	26,880	78,449	87,368	9,062	13,197	42
17,295	14,832	36,418	30,405	73,324	74,527	340,520	335,153	37,641	39,130	43
1,036	781	2,403	1,588	3,451	2,698	14,051	11,321	1,012	973	44
997	1,044	2,001	2,105	3,451	4,336	9,914	12,653	749	1,566	45
4,738	4,590	9,381	9,212	23,028	26,746	82,213	111,082	9,056	11,393	46
4,579	3,955	10,119	8,255	17,089	17,185	62,089	64,375	11,338	5,702	47
1,659	1,602	3,861	3,508	7,117	7,937	30,013	34,073	2,186	2,607	48
3,077	2,303	6,229	4,644	14,619	13,267	124,166	94,063	8,845	16,282	49
1,209	557	2,424	1,093	4,569	2,358	18,074	7,586	4,455	607	50
614	1,037	1,258	1,803	2,214	3,038	4,884	6,217	381	848	51
4,930	4,647	10,070	9,449	15,939	17,377	47,831	62,355	7,941	9,340	52

[7] Excludes figures for uranium-radium-vanadium ores industry (not available).
[8] Not available.
[9] For 1954, data were collected on the quantity but not on the cost of gas received for processing and on the value of residue gas shipped. Such costs have been estimated and included in group totals.
[10] Excludes the value of residue gas shipped.
[11] Excludes data for dimension stone quarries operated in conjunction with dressing plants.
[12] Excludes data for mining, included in estabishments classified in manufacturing industries.

Source: Department of Commerce, Bureau of the Census; *Census of Mineral Industries: 1958*, Series MIC58(1).

No. 992. Mineral Production, 1956 to 1959; and Principal Producing States, 1959

[**Value in thousands of dollars.** Includes Alaska and Hawaii. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). 1959 data for natural gas and petroleum are preliminary. See also *Historical Statistics, Colonial Times to 1957*, series M 13–37, for selected values]

Mineral	1956		1957		1958		1959		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Principal producing States in order of quantity
Total mineral production		**17,365,000**		**18,113,000**		**16,528,000**		**17,241,000**	
Mineral fuels		**11,741,000**		**12,709,000**		**11,589,000**		**11,951,000**	
Asphalt and related bitumens (native):									
Bituminous limestone and sandstone ... short tons	1,458,533	4,114	1,168,507	3,221	1,326,493	3,343	1,518,765	3,868	Tex., Utah, Ala., Okla.
Gilsonite ... do	89,003	3,822	207,704	4,259	317,280	4,864	379,362	9,385	
Carbon dioxide, natural (estimated) ... 1,000 cubic feet	713,030	235	704,276	139	722,615	102	484,074	71	N. Mex., Colo., Utah. Wash.
Coal:									
Bituminous and lignite [1] ... 1,000 short tons	500,874	2,412,004	492,704	2,504,406	410,446	1,996,281	412,028	1,965,607	W.Va., Pa., Ky., Ill.
Pennsylvania anthracite ... do	28,900	236,785	25,338	227,754	21,171	187,898	20,649	172,320	Pa.
Helium ... 1,000 cubic feet	266,937	4,413	310,365	5,112	352,134	5,741	375,408	6,144	Tex., Okla., Kans., N. Mex.
Natural gas ... 1,000,000 cubic feet	10,081,923	1,083,812	10,680,258	1,201,759	11,030,298	1,317,492	12,046,115	1,556,800	Tex., La., N. Mex., Okla.
Natural-gas liquids:									
Natural gasoline and cycle products ... 1,000 gallons	5,807,100	431,958	5,734,307	415,791	5,596,458	393,139	5,597,102	408,694	Tex., La., Calif., Okla.
LP-gases ... do	6,487,413	265,185	6,655,282	263,665	6,783,000	296,571	7,874,706	349,802	
Peat ... short tons	272,972	2,320	316,217	3,458	327,813	3,446	419,460	4,372	Mich., Calif., Fla., Wash.
Petroleum (crude) ... 1,000 (42-gal.) bbl	2,617,283	7,296,760	2,616,901	8,079,259	2,449,016	7,380,065	2,574,590	7,473,329	Tex., La., Calif., Okla.
Nonmetallic minerals (except fuels) [2]		**3,266,000**		**3,267,000**		**3,346,000**		**3,720,000**	
Abrasive stone [3]	(3)	363	(3)	331	(3)	182	(3)	315	
Asbestos ... short tons	41,312	4,742	43,653	4,917	43,979	5,127	45,325	4,379	Vt., Ariz., Calif., N.C.
Barite ... do	1,299,888	13,498	1,145,791	12,897	605,402	7,510	901,815	10,301	Ark., Mo., Nev., Ga.
Boron minerals ... do	546,815	32,848	541,124	38,041	528,209	38,310	619,946	46,150	Calif.
Bromine ... 1,000 pounds	196,730	47,434	191,971	48,038	176,397	46,689	195,483	51,508	Mich., Tex., Ark., Calif.
Cement ... 1,000 (376-lb.) bbl	321,395	989,233	299,189	961,499	317,263	1,038,672	346,675	1,144,867	Calif., Pa., Tex., Mich.
Clays ... 1,000 short tons	50,775	163,048	45,620	155,805	43,750	143,487	49,383	159,659	Ohio, Tex., Pa., Ga.
Emery ... short tons	12,153	174	11,893	184	7,687	126	8,555	150	N.Y.
Feldspar ... long tons	560,074	5,829	498,057	4,935	469,738	4,278	548,390	5,213	N.C., Calif., N.H., Ga.
Fluorspar ... short tons	329,719	14,257	328,872	15,777	319,513	15,071	185,091	8,680	Ill., Ky., Mont., Colo.
Garnet (abrasive) ... do	9,812	1,073	9,776	1,080	12,303	869	14,568	1,211	N.Y., Idaho.
Gem stones (estimated)	(4)	925	(4)	882	(4)	1,006	(4)	1,184	
Gypsum ... 1,000 short tons	10,316	34,099	9,195	29,871	9,600	32,495	10,900	39,231	Mich., Calif., Tex., Iowa.
Lime ... do	10,567	135,532	10,266	135,143	9,203	120,921	12,498	163,890	Ohio, Mo., Pa., N.Y.

See footnotes at end of table.

Nonmetallic minerals (except fuels)—Continued									
Magnesite ... short tons	686,569	2,502	678,489	3,258	492,982	2,409	594,307	2,401	Wash., Nev., Calif.
Magnesium compounds from sea water and brines (except for metals) ... short tons (MgO equivalent)	169,019	13,668	184,236	15,997	207,053	16,419	276,309	21,636	Mich., Calif., N.J., Tex.
Marl, calcareous (except for cement) ... short tons	285,653	215	(5)	(5)	(5)	(5)	(5)	(5)	
Mica:									
Scrap ... do	86,309	1,850	92,438	2,109	93,347	2,065	99,941	2,645	N.C., Ga., Ala., S.C.
Sheet ... pounds	887,871	2,757	690,052	2,492	661,344	2,845	706,395	3,419	N.C., N.H., S. Dak., Maine.
Perlite ... short tons	310,800	2,550	301,605	2,562	291,994	2,463	324,669	2,737	N. Mex., Nev., Ariz., Calif.
Phosphate rock ... 1,000 long tons	15,747	97,922	13,976	87,689	14,879	93,693	15,869	98,758	Fla., Tenn., Idaho, Mont.
Potassium salts ... 1,000 short tons (K_2O equivalent)	2,172	82,107	2,266	84,612	2,147	75,000	2,383	80,393	N. Mex., Calif., Utah., Mich.
Pumice ... 1,000 short tons	1,482	4,749	1,827	4,628	1,973	5,287	2,276	5,863	Calif., N. Mex., Ariz., Hawaii.
Pyrites ... 1,000 long tons	1,070	9,743	1,067	9,087	974	7,987	(6)	(6)	Tenn., Va., Calif., Colo.
Salt (common) ... 1,000 short tons	24,206	136,139	23,844	148,887	21,911	141,486	25,160	155,839	La., Tex., Mich., N.Y.
Sand and gravel ... do	631,495	602,412	632,255	599,750	684,498	652,789	730,205	728,712	Calif., Mich., Wis., Ohio.
Slate ... do	645	11,666	(5)	(5)	(5)	(5)	(5)	(5)	
Sodium carbonate (natural) ... short tons	652,891	17,400	652,717	17,792	628,619	17,032	735,261	19,078	Wyo., Calif.
Sodium sulfate (natural) ... do	332,990	6,437	331,382	6,542	347,445	6,716	402,743	7,689	Calif., Tex., Wyo.
Stone [7] ... 1,000 short tons	504,031	763,313	[8] 533,423	[8] 825,402	[8] 535,923	[8] 826,685	[8] 584,163	[8] 911,982	Pa. Tex., Ohio, Ill.
Strontium minerals (crude) ... short tons	4,040	77	(6)	(6)	(6)	(6)	(6)	(6)	Calif., Wash.
Sulfur:									
Frasch-process mines ... 1,000 long tons	5,676	150,356	5,035	122,915	4,644	109,272	5,222	121,777	Tex., La.
Other mines ... do	186	(6)	(6)	(6)	154	1,505	152	1,418	Calif., Nev.
Talc, pyrophyllite and soapstone ... short tons	739,039	4,859	684,453	4,796	718,165	4,718	795,008	5,651	N.Y., Calif., N.C., Vt.
Tripoli ... do	45,009	203	50,717	195	47,044	183	52,968	219	Ill., Okla., Pa.
Vermiculite ... do	192,628	2,543	183,987	2,603	190,564	2,728	206,579	3,082	Mont., S.C.
Nonmetallic minerals, undistributed [9]		35,033		37,086		39,765		50,470	
Metals		2,358,000		2,137,000		1,593,000		1,570,000	
Antimony ore and concentrate short tons (antimony content)	590	(10)	710	(10)	716	(10)	688	(10)	Idaho, Nev.
Bauxite ... long tons (dried equivalent)	1,743,344	13,973	1,416,172	12,868	1,310,685	11,898	1,700,235	17,725	Ark., Ala., Ga.
Beryllium concentrate ... short tons (gross weight)	445	231	521	276	463	238	328	171	S. Dak., Colo., N.H., Conn.
Chromite ... do	[11] 207,662	[11] 8,715	166,157	7,816	143,795	6,187	[12] 105,000	[12] 3,765	Mont., Calif.
Cobalt (content of concentrate) ... 1,000 pounds	3,657	(10)	4,123	(10)	4,832	(10)	2,944	(10)	Mo., Idaho., Pa.
Columbium-tantalum concentrate ... pounds	216,606	(10)	370,483	(10)	428,347	981	189,263	(10)	Idaho.
Copper (recoverable content of ores, etc.) ... short tons	1,104,156	938,532	1,086,859	654,289	979,329	515,127	824,846	506,455	Ariz., Utah, Mont., Nev.
Gold (recoverable content of ores, etc.) ... troy ounces	1,827,159	63,950	1,793,597	62,776	1,739,249	60,874	1,603,802	56,133	S. Dak., Utah, Alaska, Calif.
Iron ore, usable (excluding byproduct iron sinter) 1,000 long tons (gross weight)	96,944	750,354	104,157	865,703	66,288	569,154	59,164	514,067	Minn., Mich., Ala., Utah.

No. 992. Mineral Production, 1956 to 1959; and Principal Producing States, 1959—Continued

[Value in thousands of dollars]

MINERAL	1956		1957		1958		1959		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Principal producing States in order of quantity
Lead (recoverable content of ores, etc.) short tons	352,826	110,787	338,216	96,730	267,377	62,566	255,586	58,786	Mo., Idaho, Utah, Colo.
Manganese ore (35 percent or more Mn) short tons (gross weight)	344,735	26,990	366,334	29,363	327,309	23,637	229,174	17,903	Ariz., Nev., N. Mex., Mont.
Manganiferous ore (5 to 35 percent Mn) do	680,651	3,984	865,127	(10)	520,601	3,532	470,271	3,146	Minn., N. Mex., Ariz., Mont.
Manganiferous residuum do	130,129	(10)	(10)	(10)	(10)	(10)	(10)	(10)	----------
Mercury 76-pound flasks	24,177	6,284	34,625	8,552	38,067	8,720	31,256	7,110	Calif., Nev., Alaska, Idaho.
Molybdenum (content of concentrate) 1,000 pounds	57,126	63,901	57,143	67,605	42,328	50,371	51,603	64,655	Colo., Utah, Ariz., Oreg.
Nickel (content of ore and concentrate) short tons	7,392	(10)	12,901	(10)	13,489	(10)	13,374	(10)	Oreg., Mo., Idaho.
Rare-earth and thorium concentrates do	(10)	(10)	3,079	653	2,021	286	1,143	206	Idaho, Fla., Calif., Mont.
Silver (recoverable content of ores, etc.) 1,000 troy ounces	38,722	35,044	38,165	34,541	34,111	30,872	31,194	28,233	Idaho, Ariz., Utah, Mont.
Tin (content of ore and concentrate) long tons	----------	----------	----------	----------	----------	----------	50	60	Colo.
Titanium concentrate:									
Ilmenite short tons (gross weight)	735,388	14,199	782,975	21,802	565,164	11,152	637,263	12,106	N.Y., Fla., Va., Idaho.
Rutile do	12,065	1,749	10,644	1,544	1,863	210	8,648	877	
Tungsten ore and concentrate short tons (60-percent WO_3 basis)	14,737	51,201	5,520	8,186	3,788	3,991	3,649	4,502	Calif., Colo., N.C., Nev.
Uranium ore short tons	3,003,590	70,601	3,682,543	81,181	5,178,315	116,397	6,934,927	141,349	N. Mex., Utah, Colo., Wyo.
Vanadium (recoverable in ore and concentrate) 1,000 pounds	7,735	(10)	7,383	(10)	6,061	10,817	7,438	13,278	Colo., Utah, Ariz.
Zinc (recoverable content of ores, etc.) short tons	542,340	148,503	531,735	123,235	412,005	84,113	425,303	97,787	Tenn., Idaho, N.Y., Ariz.
Metals, undistributed [13]	----------	48,704	----------	59,558	----------	22,264	----------	21,763	----------

[1] Includes small quantity of anthracite mined in States other than Pennsylvania.
[2] Adjusted to eliminate duplication in the value of clays and stone.
[3] Grindstones, pulpstones, millstones, grinding pebbles, and tube-mill liners, weight not recorded; excludes sharpening stones, value included with "Nonmetallic minerals, undistributed." 1958 value for tube-mill liners also included with "Nonmetallic minerals, undistributed."
[4] Weight not recorded.
[5] Included with stone.
[6] Figure withheld to avoid disclosing individual company data; value included with "Nonmetallic minerals, undistributed."
[7] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table.
[8] Calcareous marl and slate included with stone.
[9] Comprises value of items that cannot be disclosed: Aplite, brucite, calcium-magnesium chloride, diatomite, epsom salts from epsomite (1956–57), graphite, iodine, kyanite, lithium minerals, greensand marl, nitrogen compounds (1957–59), olivine, staurolite (1957–58), sharpening stones (1956–58), wollastonite, and values indicated by footnote reference 6.
[10] Figure withheld to avoid disclosing individual company data, value included with "Metals undistributed."
[11] Includes 45,710 short tons of concentrate produced in 1955 and 1956 from low-grade ore and concentrate stockpiled near Coquille, Oregon, during World War II.
[12] Excludes quantity and value consumed by American Chrome Company.
[13] Comprises value of items that cannot be disclosed: Magnesium chloride for magnesium metal, platinum-group metals (crude), zirconium concentrate, and values indicated by footnote reference 10.

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

No. 993. Mineral Production—Value, 1950 to 1959, and Rank and Principal Minerals in Order of Value, 1959, by States

[In thousands of dollars]

STATE	1950	1955	1958	1959		
				Value	Rank	Principal minerals in order of value
U.S	11,899,000	15,792,000	16,528,000	17,241,000	------	Petroleum, coal, natural gas, cement.
N.E	50,945	73,851	77,200	82,538	------	
Maine	7,461	12,991	12,574	13,278	45	Cement, sand and gravel, stone, mica.
N.H	1,711	2,605	3,919	4,722	48	Sand and gravel, mica, stone, feldspar.
Vt	18,563	23,884	21,443	23,359	43	Stone, asbestos, sand and gravel, talc.
Mass	16,110	22,109	23,887	25,916	42	Stone, sand and gravel, lime, clays.
R.I	1,425	1,834	2,249	2,333	49	Sand and gravel, stone, graphite.
Conn	5,675	10,428	13,128	12,930	46	Stone, sand and gravel, lime, clays.
M.A	1,389,613	1,243,805	1,137,758	1,156,271	------	
N.Y	156,585	216,907	205,338	234,642	18	Cement, stone, sand and gravel, salt.
N.J	46,816	57,251	50,380	59,479	36	Stone, sand and gravel, iron ore, magnesium compounds.
Pa	1,186,212	969,647	882,040	862,150	4	Coal, cement, stone, natural gas.
E.N.C	1,201,235	1,486,204	1,534,216	1,629,216	------	
Ohio	274,572	340,456	344,856	397,326	11	Coal, cement, stone, sand and gravel.
Ind	166,632	183,209	197,677	206,359	20	Coal, stone, petroleum, sand and gravel.
Ill	488,144	532,984	576,862	572,275	8	Petroleum, coal, stone, sand and gravel.
Mich	230,194	363,778	343,487	381,297	13	Cement, iron ore, sand and gravel, salt.
Wis	41,693	65,813	71,334	71,959	31	Sand and gravel, stone, cement, iron ore.
W.N.C	911,497	1,326,048	1,320,170	1,314,026	------	
Minn	331,567	501,151	395,880	347,178	15	Iron ore, sand and gravel, stone, cement.
Iowa	41,773	63,555	85,356	88,557	29	Cement, stone, sand and gravel, gypsum.
Mo	113,191	151,626	144,120	157,189	25	Cement, stone, lead, lime.
N. Dak	9,614	44,123	59,445	67,342	34	Petroleum, sand and gravel, coal, natural-gas liquids.
S. Dak	32,716	40,526	41,534	48,553	39	Gold, sand and gravel, stone, cement.
Nebr	14,022	54,237	90,047	97,130	28	Petroleum, cement, sand and gravel, stone.
Kans	368,614	470,830	503,788	508,077	9	Petroleum, natural gas, cement, stone.
S.A	1,142,604	1,195,894	1,279,496	1,335,760	------	
Del	522	1,658	1,142	1,284	50	Sand and gravel, stone, clays.
Md	22,740	35,488	45,735	53,189	37	Cement, stone, sand and gravel, coal.
D.C	60	------	72	75	51	Clays.
Va	137,806	172,541	203,277	222,501	19	Coal, stone, cement, sand and gravel.
W.Va	829,633	755,426	749,747	737,616	6	Coal, natural gas, natural-gas liquids, sand and gravel.
N.C	26,338	41,210	39,891	40,789	40	Stone, sand and gravel, mica, feldspar.
S.C	11,394	20,197	22,412	30,598	41	Cement, stone, clays, sand and gravel.
Ga	43,394	60,417	75,106	86,262	30	Clays, stone, cement, sand and gravel.
Fla	70,717	108,957	142,114	163,446	24	Phosphate rock, stone, cement, titanium.
E.S.C	812,281	819,457	867,404	946,515	------	
Ky	459,956	391,068	402,121	418,821	10	Coal, petroleum, stone, natural gas.
Tenn	90,405	119,316	124,934	140,738	26	Stone, cement, coal, phosphate rock.
Ala	158,975	186,453	188,938	200,840	21	Coal, cement, stone, iron ore.
Miss	102,945	122,620	151,411	186,116	22	Petroleum, natural gas, sand and gravel, cement.
W.S.C	4,014,800	5,989,393	6,450,220	6,892,059	------	
Ark	119,642	131,759	131,603	140,594	27	Petroleum, bauxite, sand and gravel, stone.
La	693,607	1,156,424	1,523,370	1,766,269	2	Petroleum, natural gas, natural-gas liquids, sulfur.
Okla	527,095	711,044	761,936	765,439	5	Petroleum, natural gas, natural-gas liquids, cement.
Texas	2,674,456	3,990,166	4,033,311	4,219,757	1	Petroleum, natural gas, natural-gas liquids, cement.
Mt	1,211,761	2,078,319	2,227,697	2,309,117	------	
Mont	103,625	166,993	176,728	167,328	23	Petroleum, copper, sand and gravel, zinc.
Idaho	79,329	68,513	64,648	70,209	32	Silver, lead, zinc, sand and gravel.
Wyo	177,744	294,546	369,938	393,841	12	Petroleum, uranium, sodium carbonate, natural gas.
Colo	154,898	286,219	306,561	314,668	17	Petroleum, molybdenum, uranium ore, coal.
N. Mex	210,294	438,549	559,777	592,535	7	Petroleum, natural gas, potassium salts, uranium ore.
Ariz	207,406	378,277	314,520	326,862	16	Copper, sand and gravel, zinc, cement.
Utah	229,966	332,002	367,232	373,515	14	Petroleum, copper, uranium ore, coal.
Nev	48,499	113,220	68,293	70,159	33	Copper, sand and gravel, gold, manganese ore.
Pac	1,164,450	1,578,575	1,634,201	1,575,336	------	
Wash	49,055	67,334	60,896	63,894	35	Sand and gravel, cement, stone, gold.
Oreg	21,542	31,736	45,190	49,831	38	Stone, sand and gravel, cement, nickel.
Calif	1,056,374	1,450,501	1,500,367	1,433,486	3	Petroleum, cement, natural gas, sand and gravel.
Alaska	17,852	25,412	21,450	20,495	44	Gold, coal, sand and gravel, mercury.
Hawaii	19,627	3,592	6,298	7,630	47	Stone, sand and gravel, pumice, lime.

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

No. 994. Net Supply of Principal Minerals and Components of Gross Supply, 1955 and 1959; and Percentage Distribution of Imports by Country Group of Origin, 1959

[In thousands of short tons unless otherwise stated. Includes Alaska and Hawaii. Net supply is the sum of primary shipments, secondary production, and imports, minus exports. Gross supply is the total before subtraction of exports]

Commodity	Net supply		Gross supply: percent from—						Imports for consumption, 1959: percent from—				
			Primary shipments		Secondary production		Imports						
	1955	1959	1955	1959	1955	1959	1955	1959	Canada and Mexico	East and South Pacific [1]	Other Western Hemisphere	Other free world	U.S.S.R. bloc
Ferrous ores, scrap, and metals:													
Chromite (Cr_2O_3 content)	826	674	7	6	------	------	93	94	------	------	3	92	5
Cobalt (content) ... 1,000 lb.	21,685	24,418	11	12	2	1	87	87	3	------	------	97	------
Iron (equivalent) [2]	117,800	92,977	54	40	32	33	14	27	37	17	41	5	(3)
Manganese (content)	1,200	1,272	20	11	------	------	[4] 80	[4] 89	9	2	25	64	------
Molybdenum (content) ... 1,000 lb.	50,030	32,656	100	100	------	------	(3)	(3)	------	------	------	------	------
Nickel (content)	154	131	3	11	5	4	92	85	79	------	18	3	------
Tungsten ore and concentrate (W content) ... short tons	18,140	4,810	43	36	------	------	57	[4] 64	1	32	21	46	------
Other metallic ores, scrap, and metals:													
Aluminum (equivalent) [5]	1,809	2,505	[6] 22	[6] 14	4	3	[7] 74	[7] 83	6	(3)	85	11	------
Antimony (recoverable content)	35	34	5	5	58	[8] 58	[9] 37	[4] 37	[10] 21	[10] 13	[10] 2	[10] 64	------
Cadmium (content) ... short tons	4,787	4,667	[11] 30	[11] 33	3	------	[11] 67	[4] [11] 67	[12] 78	[12] 3	------	[12] 19	------
Copper (content)	1,875	1,718	48	44	25	25	27	[4] 31	31	44	3	23	------
Lead (content)	1,228	1,107	27	23	37	[8] 41	36	[4] 36	39	38	1	22	------
Mercury ... 76-lb. flasks	48,888	65,273	[13] 39	[13] 47	20	7	41	[4] 46	12	5	------	83	------
Platinum-group metals ... 1,000 troy oz.	1,068	1,130	2	1	6	12	92	87	25	(3)	3	59	13
Tin (content) ... 1,000 long tons	104	67	(3)	(3)	19	20	81	80	1	1	(3)	98	------
Titanium concentrates: Rutile, ilmenite and slag (TiO_2 content)	[14] 526	607	[14] 57	86	------	------	[14] 43	114	43	17	------	40	------
Zinc (recoverable content)	1,182	1,066	43	39	7	7	50	[4] 54	65	21	(3)	14	(3)
Nonmetallic minerals:													
Asbestos	782	758	6	6	------	------	94	94	92	1	(3)	7	(3)
Barite, crude	1,468	1,542	75	58	------	------	25	42	57	18	(3)	25	------
Fluorspar, finished	642	726	43	26	------	------	57	[4] 74	61	------	------	39	------
Gypsum, crude	14,431	16,732	[15] 72	[15] 63	------	------	28	37	91	------	9	(3)	------
Mica (except scrap) ... 1,000 lb.	14,137	12,724	4	5	------	------	96	95	(3)	------	16	84	------
Potash (K_2O equivalent)	2,067	2,373	92	91	------	------	8	9	2	2	------	93	3
Sulfur, all forms (content) [16] ... 1,000 long tons	5,627	5,917	97	90	------	------	3	10	100	------	------	(3)	------

[1] West coast of South America (Salvador, Chile, Bolivia, Peru, and Ecuador), New Zealand, New Caledonia, and Australia.
[2] Includes iron ore, pig iron, and scrap. [3] Less than 0.5 percent. [4] General imports.
[5] For 1959, includes 87 percent of bauxite mine production (rather than shipments) and imports and 92 percent of alumina imports (86 and 92 percent for 1955), both converted to estimated aluminum equivalent. [6] Mine production of bauxite.
[7] Includes ingot equivalent (weight times 0.9) of imports of scrap, largely scrap pig.
[8] Includes recovery from old scrap, dross, and residues which are a part of new scrap.
[9] Includes recovery in antimonial lead from foreign silver and lead ores.
[10] Excludes antimony from foreign silver and lead ores.
[11] Primary shipments are estimated as a percentage of total primary production of metal, while imports are represented by the sum of the remaining percentage of such production plus imports of metal.
[12] Metal and flue dust only. [13] Primary production. [14] Excludes rutile.
[15] Estimated by adjusting production, excluding byproduct, for changes in producers' stocks.
[16] For pyrites, includes sulfur content (48 percent) of production.

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

No. 995. Imports and Exports of Selected Mineral and Metal Products: 1950, 1959, and 1960

[Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries]

Mineral	Quantity				Value ($1,000)		
	Unit	1950	1959	1960	1950	1959	1960
Imports for consumption							
Fuels: Petroleum, crude	1,000 barrels	173,920	382,092	400,672	369,208	866,816	895,225
Nonmetallic minerals:							
Asbestos	Short tons	705,458	713,047	669,495	47,284	65,006	63,345
Diamonds:							
Gem	1,000 carats	1,166	2,528	2,167	102,187	180,665	166,097
Industrial	do	11,198	13,074	13,101	37,001	62,529	51,727
Mica	Short tons	18,511	11,298	11,051	23,660	14,818	8,305
Ores and concentrates:							
Bauxite	Long tons	2,516,247	8,897,758	9,591,297	15,730	73,203	78,065
Chromite	Short tons	1,303,714	1,553,545	1,386,622	23,299	31,853	24,239
Copper	Short tons of metal	94,301	40,200	83,394	35,899	23,134	49,380
Iron ore	1,000 long tons	8,297	35,623	34,591	44,027	312,415	321,713
Lead	Short tons of metal	96,134	137,133	137,812	21,184	27,019	27,911
Manganese ore	1,000 short tons	2,017	1,902	2,277	41,882	74,810	82,262
Nickel [1]	Short tons of metal	27,442	37,199	29,477	18,087	38,238	29,937
Tin	Long tons of metal	25,960	10,773	14,026	47,163	23,282	31,104
Tungsten	Short tons of metal	8,024	2,717	1,762	15,309	4,235	3,478
Metals (incl. scrap): [2]							
Aluminum	Short tons	244,737	250,490	159,748	62,517	114,559	77,406
Copper	do	366,265	240,616	176,948	145,344	148,333	113,494
Lead [3]	do	421,794	274,125	220,549	110,644	71,094	62,369
Nickel	do	63,789	83,543	79,797	54,124	111,485	116,679
Platinum group	Troy ounces	391,126	930,531	650,103	21,123	31,438	31,904
Tin [4]	Long tons	85,642	46,843	45,088	155,092	103,298	87,855
Zinc	Short tons	158,194	165,501	122,129	39,448	34,113	29,829
Exports [5]							
Fuels:							
Anthracite	1,000 short tons	3,892	1,788	1,430	62,502	28,931	22,717
Bituminous coal	do	25,468	37,227	36,491	206,545	349,273	331,212
Petroleum, crude	1,000 barrels	34,824	2,524	3,087	102,717	6,990	8,032
Nonmetallic minerals:							
Cement, hydraulic	do	2,418	277	187	7,275	1,595	1,135
Phosphate rock	Short tons	2,051,887	3,628,489	4,755,847	14,874	28,602	37,543
Potash material	do	117,137	571,659	832,893	5,534	18,496	25,926
Sulfur [6]	1,000 long tons	1,479	1,636	1,785	33,200	42,000	42,262
Metals (incl. scrap): [2]							
Aluminum [7]	Short tons	1,461	153,469	365,493	353	64,003	155,104
Copper [7]	do	154,007	199,447	618,116	61,281	110,529	356,976
Iron and steel, scrap [8]	1,000 short tons	217	4,849	7,190	6,014	165,464	241,899
Molybdenum [7]	Short tons	73	8	148	115	22	368
Nickel [7]	do	[9] 3,176	6,111	42,633	3,219	2,289	10,289
Zinc [7]	do	19,308	23,977	89,882	4,708	4,325	20,815

[1] Includes matte and oxide.
[2] Excludes semifabricated forms, except as noted.
[3] Includes alloys in chief value of lead.
[4] Includes alloys in chief value of tin.
[5] Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery, mutual security, and civilian supply.
[6] Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.
[7] Includes alloys.
[8] Includes tin plated and terne plated scrap.
[9] Includes some semifabricated forms.

Source: Department of Commerce, Bureau of the Census.

No. 996. Strategic and Critical Materials—Summary of Inventories and on Order: 1960

[**In thousands of dollars.** As of December 31. Data indicate the acquisition cost and current market value of inventories on hand and on order of strategic and critical materials essential to military and industrial requirements in time of national emergency. Nonstockpile materials comprise materials in Government inventories not having stockpile objectives or not meeting stockpile specifications. "P.L." means Public Law]

ITEM	INVENTORY		ON ORDER	
	Acquisition cost	Market value	Acquisition cost	Market value
Total	**8,540,414**	**7,548,579**	**428,254**	**413,257**
Stockpile grade	7,819,300	7,266,142	405,997	398,725
Nonstockpile materials	721,114	282,437	22,257	14,532
National stockpile (P.L. 520)	6,130,245	5,705,968	13,800	13,613
Stockpile grade	5,815,927	5,556,197	[1] 13,800	[1] 13,613
Nonstockpile materials	314,318	149,771		
Defense Production Act (P.L. 744)	1,456,595	935,242	262,480	243,776
Stockpile grade	[2] 1,071,348	821,608	257,437	241,571
Nonstockpile materials	385,247	113,634	5,043	2,205
Supplemental stockpile (P.L. 480)	[3] 839,999	799,002		
Stockpile grade	820,545	781,370		
Nonstockpile materials	19,454	17,632		
Commodity Credit Corporation (P.L. 480)	104,056	99,491	151,974	155,868
Stockpile grade	101,961	98,091	134,760	143,541
Nonstockpile materials	2,095	1,400	17,214	12,327
Federal Facilities Corporation (P.L. 608): Stockpile grade—tin	9,519	8,876		

[1] Includes materials valued at $9 million to be transferred from International Cooperation Administration account at no cost to the stockpile. Excludes $2 million cost of upgrading certain materials now in inventory.
[2] Excludes work in process (mica) totaling $163,000.
[3] Includes transfer of $27.5 million from Department of Interior inventory acquired under Public Law 733.

Source: General Services Administration.

No. 997. Strategic and Critical Materials—Defense Production Act Purchases, Inventory, and Operating Costs: 1950 to 1960

[**In thousands of dollars.** Covers period of December 1950–March 1960 except as noted. See also headnote, table 996]

COMMODITY	Total purchases	March 31, 1960, inventory at cost	SALES FROM INVENTORY		Operating expense	March 31, 1960, market value of inventory
			Received from sales	Government cost		
Total	**2,570,995**	**1,458,623**	**1,037,650**	**1,112,372**	**68,245**	**932,871**
Aluminum (pig)	588,196	382,320	206,005	205,876	19	392,169
Aluminum subsidy (power)					19,108	
Aluminum (sheet)	4,783		5,036	4,783	75	
Asbestos	2,103	2,103			44	1,428
Bauxite	25,304	18,168	7,086	7,136	77	16,003
Beryllium	1,650	1,110	427	540	195	701
Bismuth	52	52				52
Chrome	35,367	32,664	2,468	2,703	572	12,950
Cobalt	56,613	52,063	3,964	4,550	2	37,969
Columbium-tantalum	79,806	62,170	10,622	17,636	999	13,687
Columbium-tantalum subsidy					6,277	
Copper	130,027	74,618	59,053	55,409	432	80,738
Copper subsidy					1,817	
Cryolite	15,339	10,575	3,720	4,764	198	5,745
Fluorspar	14,962	1,394	10,279	13,568	45	965
Graphite	178	82	14	96	51	15
Lubricating graphite development					174	
Lead	15,134	3,036	11,810	12,098	253	1,763
Magnesium	122,754		110,860	122,754	3,722	
Manganese	222,565	179,209	29,071	43,356	5,307	61,699
Mercury	6,803		6,826	6,803	11	
Mica	46,742	35,168	3,838	11,574	1,364	18,656
Molybdenum	39,890		38,457	39,890	75	
Nickel-Nicaro	146,691	14,918	157,453	131,773	197	19,768
Nickel-other	270,468	94,162	134,689	176,306	22,653	68,849
Rutile					10	
Scrap (nonferrous)	533		426	533		
Selenium					228	
Tin	176,593		175,025	176,593	17	
Titanium	173,810	169,352	4,311	4,458	2,181	62,293
Tungsten	366,914	325,459	34,541	41,455	2,049	137,421
Zinc	27,718		21,669	27,718	93	

Source of tables 996 and 997: General Services Administration.

No. 998. Employment and Injuries in Mineral Industries, by Industry Group: 1930 to 1959

[Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting, and steel industries. See also *Historical Statistics, Colonial Times to 1957*, series M 259–274]

ITEM	1930	1940	1945	1950	1955	1958	1959 [1]
EMPLOYMENT							
Men working daily [2]	888,514	801,926	1,033,035	1,237,649	1,122,393	1,129,638	1,045,257
Coal mines [3]	644,006	533,267	437,921	483,239	260,089	224,890	197,394
Anthracite (Pennsylvania)	150,804	92,420	72,924	74,616	34,550	26,540	23,294
Bituminous and lignite	493,202	440,847	364,997	408,623	225,539	198,350	174,100
Coke	19,855	19,962	22,987	24,347	20,681	16,186	16,645
Beehive	2,176	2,493	2,533	3,405	1,084	532	780
Slot-type	17,679	17,469	20,454	20,942	19,597	15,654	15,865
Petroleum and natural gas	(4)	(4)	395,815	517,787	617,274	584,708	550,244
Peat	(5)	(5)	(5)	(5)	(5)	464	467
Metal mines [3]	92,671	110,340	61,294	68,292	65,143	59,608	53,553
Nonmetal mines [3 6]	10,562	9,780	10,371	11,977	14,504	17,820	16,255
Sand and gravel operations	(5)	(5)	(5)	(5)	(5)	51,122	43,597
Stone quarries [7]	80,633	79,509	58,180	85,730	78,238	88,448	78,056
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	1,882	1,789
Metallurgical plants [8]	40,787	49,068	46,467	46,277	57,741	52,109	43,927
Ore-dressing plants			15,792	14,956	17,631	19,677	16,744
Nonferrous reduction plants and smelters			30,675	31,321	40,110	32,432	27,183
Nonmetal mills	(9)	(9)	(9)	(9)	8,723	32,401	34,330
Average days active	217	219	(4)	(4)	256	244	248
Coal mines [3]	192	199	259	189	206	183	192
Anthractie (Pennsylvania)	209	189	268	211	182	183	173
Bituminous and lignite	187	201	257	185	210	183	194
Coke	347	339	344	341	352	351	328
Beehive	202	187	247	210	179	125	145
Slot-type	364	361	356	362	362	359	337
Petroleum and natural gas	(4)	(4)	(4)	(4)	264	260	265
Peat	(5)	(5)	(5)	(5)	(5)	171	178
Metal mines [3]	271	241	288	271	263	229	213
Nonmetal mines [3 6]	264	247	291	293	264	239	246
Sand and gravel operations	(5)	(5)	(5)	(5)	(5)	211	216
Stone quarries [7]	255	240	264	272	274	264	273
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	248	254
Metallurgical plants [8]	327	295	329	314	314	302	273
Ore-dressing plants			302	291	280	266	236
Nonferrous reduction plants and smelters			342	325	329	324	297
Monmetal mills	(9)	(9)	(9)	(9)	283	272	269
Man-days worked ... 1,000 days	192,525	175,665	(4)	(4)	286,783	275,895	259,444
Coal mines [3] ... do	123,894	106,239	113,424	91,231	53,591	41,121	37,874
Anthracite (Pennsylvania) ... do	31,568	17,468	19,569	15,721	6,285	4,861	4,036
Bituminous and lignite ... do	92,326	88,771	93,854	75,510	47,306	36,260	33,838
Coke ... do	6,881	6,774	7,915	8,292	7,279	5,683	5,467
Beehive ... do	439	466	625	714	195	67	113
Slot-type ... do	6,442	6,308	7,290	7,578	7,085	5,616	5,354
Petroleum and natural gas ... do	(4)	(4)	(4)	(4)	162,877	151,965	148,143
Peat ... do	(5)	(5)	(5)	(5)	(5)	79	83
Metal mines [3] ... do	25,086	26,631	17,673	18,522	17,113	13,665	11,412
Nonmetal mines [3 6] ... do	2,784	2,416	3,016	3,512	3,836	4,258	4,006
Sand and gravel operations ... do	(5)	(5)	(5)	(5)	(5)	10,763	9,403
Stone quarries [7] ... do	20,559	19,121	15,376	23,346	21,470	23,353	21,344
Slag (iron-blast furnace) ... do	(5)	(5)	(5)	(5)	(5)	467	455
Metallurgical plants [8] ... do	13,321	14,484	15,268	14,539	18,150	15,733	12,012
Ore-dressing plants ... do			4,768	4,348	4,935	5,225	3,948
Nonferrous reduction plants and smelters ... 1,000 days			10,500	10,191	13,214	10,508	8,064
Nonmetal mills ... do	(9)	(9)	(9)	(9)	2,467	8,809	9,246
Man-hours worked ... 1,000 hours	(10)	1,385,128	2,363,783	2,340,956	2,290,658	2,208,298	2,077,897
Coal mines [3] ... do	1,102,902	840,416	958,591	711,390	419,379	322,229	297,461
Anthracite (Pennsylvania) ... do	252,543	122,447	141,275	116,554	45,995	35,471	29,371
Bituminous and lignite ... do	850,359	717,969	817,316	594,836	373,384	286,758	268,090
Coke ... do	55,969	53,624	64,375	65,861	58,164	45,486	43,626
Beehive ... do	3,712	3,273	5,083	5,268	1,453	516	844
Slot-type ... do	52,257	50,351	59,293	60,593	56,710	44,970	42,782
Petroleum and natural gas ... do	(4)	(4)	926,250	1,081,519	1,303,014	1,215,722	1,185,146
Peat ... do	(5)	(5)	(5)	(5)	(5)	704	738
Metal mines [3] ... do	(10)	211,740	141,295	147,765	136,950	109,523	91,643
Nonmetal mines [3 6] ... do	(10)	18,988	24,613	28,456	31,093	34,648	32,736
Sand and gravel operations ... do	(5)	(5)	(5)	(5)	(5)	92,456	80,770
Stone quarries [7] ... do	186,502	147,244	127,168	189,535	175,775	186,821	170,750
Slag (iron-blast furnace) ... do	(5)	(5)	(5)	(5)	(5)	3,776	3,681
Metallurgical plants [8] ... do	(10)	113,116	121,491	116,430	145,841	125,773	96,217
Ore-dressing plants ... do			38,305	34,815	39,837	41,799	31,711
Nonferrous reduction plants and smelters ... 1,000 hours			83,185	81,615	106,004	83,974	64,507
Nonmetal mills ... do	(9)	(9)	(9)	(9)	19,843	71,161	75,128

See footnotes at end of table.

No. 998. Employment and Injuries in Mineral Industries, by Industry Group: 1930 to 1959—Continued

ITEM	1930	1940	1945	1950	1955	1958	1959 [1]
INJURIES							
Fatal	2,492	1,716	1,414	952	729	656	571
Coal mines [3]	2,063	1,388	1,068	643	420	358	292
Anthracite (Pennsylvania)	444	184	143	93	60	32	47
Bituminous and lignite	1,619	1,204	925	550	360	326	245
Coke	28	15	18	14	9	5	3
Beehive	1	----------	1	1	----------	----------	----------
Slot-type	27	15	17	13	9	5	3
Petroleum and natural gas [11]	(4)	(4)	144	109	135	116	120
Peat	(5)	(5)	(5)	(5)	(5)	----------	1
Metal mines [3]	264	209	96	84	79	70	56
Nonmetal mines [3 6]	7	14	16	19	19	15	10
Sand and gravel	(5)	(5)	(5)	(5)	(5)	25	20
Stone quarries [7]	105	72	53	54	53	45	48
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	1	1
Metallurgical plants [8]	25	18	19	29	11	12	10
Ore-dressing plants	----------	----------	9	7	3	3	4
Nonferrous reduction plants and smelters	----------	----------	10	22	8	9	6
Nonmetal mills	(9)	(9)	(9)	(9)	3	9	10
Nonfatal	126,740	80,856	87,578	66,729	46,197	30,925	35,875
Coal mines [3]	99,981	57,776	57,117	37,264	18,885	14,160	12,823
Anthracite (Pennsylvania)	28,764	13,782	10,923	8,874	2,919	2,124	1,723
Bituminous and lignite	71,217	43,994	46,194	28,390	15,966	12,036	11,100
Coke	1,022	544	835	780	325	210	222
Beehive	104	144	188	264	45	20	39
Slot-type	918	400	647	516	280	190	183
Petroleum and natural gas [11]	(4)	(4)	14,167	13,500	13,038	11,588	10,543
Peat	(5)	(5)	(5)	(5)	(5)	12	14
Metal mines [3]	14,311	13,940	6,922	6,611	5,837	3,499	2,924
Nonmetal mines [3 6]	1,283	826	1,145	1,238	1,156	955	940
Sand and gravel	(5)	(5)	(5)	(5)	(5)	1,698	1,622
Stone quarries [7]	7,417	5,188	4,121	4,762	3,811	4,572	3,997
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	43	43
Metallurgical plants	2,726	2,582	3,271	2,574	2,694	1,698	926
Nonmetal mills	(9)	(9)	(9)	(9)	451	1,490	1,821
Injury rates per million man-hours:							
Fatal	(10)	1.24	0.60	0.41	0.32	0.30	0.27
Coal mines [3]	1.87	1.65	1.11	0.90	1.00	1.11	0.98
Anthracite (Pennsylvania)	1.76	1.50	1.01	0.80	1.30	0.90	1.60
Bituminous and lignite	1.90	1.68	1.13	0.92	0.96	1.14	0.91
Coke	0.50	0.28	0.28	0.21	0.15	0.11	0.07
Beehive	0.27	----------	0.20	0.19	----------	----------	----------
Slot-type	0.52	0.30	0.29	0.21	0.16	0.11	0.07
Petroleum and natural gas [11]	(4)	(4)	0.16	0.10	0.10	0.10	0.10
Peat	(5)	(5)	(5)	(5)	(5)	----------	1.36
Metal mines [3]	(10)	0.99	0.68	0.57	0.58	0.64	0.61
Nonmetal mines [3 6]	(10)	0.74	0.65	0.67	0.61	0.43	0.31
Sand and gravel	(5)	(5)	(5)	(5)	(5)	0.27	0.25
Stone quarries [7]	0.56	0.49	0.42	0.28	0.30	0.24	0.28
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	0.26	0.27
Metallurgical plants	(10)	0.16	0.16	0.25	0.08	0.10	0.10
Nonmetal mills	(9)	(9)	(9)	(9)	0.15	0.13	0.13
Nonfatal	(10)	58.37	37.05	28.51	20.17	18.08	17.27
Coal mines [3]	90.65	68.75	59.58	52.38	45.03	43.94	43.11
Anthracite (Pennsylvania)	113.90	112.55	77.32	76.14	63.46	59.88	58.66
Bituminous and lignite	83.75	61.28	56.52	47.73	42.76	41.97	41.40
Coke	18.26	10.14	12.97	11.84	5.59	4.62	5.09
Beehive	28.02	44.00	36.99	50.11	30.96	38.76	46.20
Slot-type	17.57	7.94	10.91	8.52	4.94	4.23	4.28
Petroleum and natural gas [11]	(4)	(4)	15.30	12.48	10.01	9.53	8.90
Peat	(5)	(5)	(5)	(5)	(5)	17.05	18.97
Metal mines [3]	(10)	65.84	48.99	44.74	42.62	31.95	31.91
Nonmetal mines [3 6]	(10)	43.50	46.52	43.51	37.18	27.56	28.71
Sand and gravel	(5)	(5)	(5)	(5)	(5)	18.37	20.08
Stone quarries [7]	39.77	35.23	32.41	25.12	21.68	24.47	23.41
Slag (iron-blast furnace)	(5)	(5)	(5)	(5)	(5)	11.39	11.68
Metallurgical plants	(10)	22.83	26.92	22.11	18.47	13.50	9.62
Nonmetal mills	(9)	(9)	(9)	(9)	22.73	20.94	24.24

[1] Data final for anthracite, coke, petroleum, peat, and slag; preliminary for all other.
[2] Average number of men at work each day mine was active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll. [3] Includes Alaska.
[4] Data on petroleum and natural gas not available prior to 1942; data on man-days not available for this industry.
[5] Not available prior to 1957. [6] Beginning 1955, includes clay mines; not available for prior years.
[7] Includes manufacture of cement and lime. Beginning 1958, includes Alaska.
[8] Separate data not available for ore-dressing plants and nonferrous reduction plants and smelters prior to 1942.
[9] Data on nonmetal mills not available prior to 1955. Data on clay mills not available prior to 1956.
[10] Data on man-hours not available prior to 1931.
[11] Beginning 1955, number of fatalities and permanent total injuries at petroleum and natural gas operations are combined. Fatal-frequency rates 1955–1959, include an unknown number of permanent total injuries which cannot be separated from fatal injuries.

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

No. 999. Coal—Production, Consumption, Imports, and Exports: 1930 to 1959

[**Quantities in thousands of short tons, except as indicated; values in thousands of dollars.** Includes coal consumed at mines. See also *Historical Statistics, Colonial Times to 1957*, series M 88-108 and M 118-132]

Item	1930	1940	1950	1955	1957	1958	1959
Total coal production:							
Quantity	536,911	512,257	560,388	490,839	518,042	431,617	432,677
Value, total	1,150,057	1,084,817	2,892,772	2,298,480	2,732,160	2,184,179	2,137,927
BITUMINOUS COAL [1]							
Production:							
Quantity	467,526	460,772	516,311	464,633	492,704	410,446	412,028
Value, total	795,483	879,327	2,500,374	2,092,383	2,504,406	1,996,281	1,965,607
Average per ton	1.70	1.91	4.84	4.50	5.08	4.86	4.77
Exports:							
Quantity	15,877	16,466	25,468	51,277	76,446	50,293	37,227
Value	59,186	60,832	206,545	(2)	764,666	490,008	349,521
Imports:							
Quantity	241	372	347	337	367	307	375
Value	1,135	1,501	2,369	(2)	1,493	2,546	2,433
Consumption	454,990	430,910	454,202	423,412	413,668	366,703	366,256
Number of mines	5,891	6,324	9,429	7,856	8,539	8,264	71,719
Average number of men employed [3]	493,202	439,075	415,582	225,093	228,635	197,402	179,636
Calculated capacity at 280 days per year [4] (millions of net tons)	700	639	790	620	680	625	614
Average number of days worked	187	202	183	210	203	184	188
Average tons per man:							
Per day	5.06	5.19	6.77	9.84	10.59	11.33	12.22
Per year	948	1,049	1,239	2,064	2,155	2,079	2,294
Percent underground production:							
Cut by machines	81.0	88.4	91.8	88.1	80.9	75.3	72.1
Mechanically loaded	10.5	35.4	69.4	84.6	84.8	84.9	86.0
Percent total production:							
Mechanically cleaned	8.3	22.2	38.5	58.7	61.7	63.1	65.5
Mined by stripping	4.3	9.2	23.9	24.8	25.2	28.3	29.4
ANTHRACITE (PA.) [5]							
Production:							
Quantity	69,385	51,485	44,077	26,205	25,338	21,171	20,649
Value, total	354,574	205,490	392,398	206,097	227,754	187,898	172,320
Average per ton	5.11	3.99	8.90	7.86	8.99	8.88	8.35
Exports:							
Quantity	2,552	2,668	3,892	3,152	4,332	2,280	1,788
Value	24,509	21,210	62,502	48,429	65,012	35,762	28,931
Imports:							
Quantity	675	135	18	(6)	1	4	3
Value	4,376	976	255	1	9	34	22
Consumption (apparent)	67,628	49,000	39,900	23,600	20,800	19,000	18,800
Average number of men employed	150,804	91,313	72,624	[7] 33,523	30,825	26,540	23,294
Average number of days worked	208	186	211	[7] 197	196	183	173
Average tons per man:							
Per day	2.21	3.02	2.83	[7] 3.96	4.18	.36	5.12
Per year	460	562	597	[7] 780	819	798	886
Quantity cut by machines	1,410	1,816	612	394	292	184	261
Quantity mined by stripping	2,536	6,353	11,834	7,704	7,543	6,878	7,096
Quantity loaded mechanically underground	4,468	12,326	12,336	6,661	6,657	5,332	4,701
World production, bituminous coal, lignite, and anthracite	1,558,668	1,983,057	1,997,388	2,352,668	2,575,187	2,689,802	[8] 2,775,905

[1] Data relate to mines having output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. Includes Alaska. [2] Not available.
[3] Beginning 1950, average number of men working daily.
[4] Capacity of active mines with existing labor force, derived on basis of average output per day.
[5] Beginning 1945, production data include some bootleg coal purchased by anthracite industry for preparation and shipment to market. Data on employment, however, exclude such purchased coal, as complete employment data on "bootleg" holes are not available. Data after 1950 not strictly comparable with prior years.
[6] Less than 500 tons. [7] Estimated.
[8] Preliminary.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and annual bulletins.

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No. 1000. Coal—Production, by States: 1936 to 1959

[In thousands of short tons. Includes coal consumed at mines]

STATE	1936–1940, avg.	1941–1945, avg.	1946–1950, avg.	1951–1955, avg.	1955	1956	1957	1958	1959
Total quantity	468,860	636,037	595,972	496,725	490,839	529,775	518,042	431,617	432,677
Anthracite (Pa.)	51,101	59,195	52,323	33,898	26,205	28,900	25,338	21,171	20,649
Bituminous and lignite	417,758	576,842	543,649	462,827	464,633	500,874	492,704	410,446	412,028
Alabama	12,620	17,783	16,278	12,176	13,088	12,663	13,260	11,182	11,947
Alaska	149	287	396	670	640	727	842	759	660
Arkansas	1,387	1,821	1,459	762	578	590	508	364	441
Colorado	6,435	7,830	5,360	3,554	3,568	3,502	3,594	2,974	3,294
Illinois	48,367	68,442	60,034	46,781	45,932	48,102	46,993	43,912	45,466
Indiana	17,232	25,216	21,500	16,232	16,149	17,089	15,841	15,022	14,804
Iowa	3,376	2,569	1,752	1,371	1,258	1,358	1,312	1,179	1,180
Kansas	2,949	3,654	2,386	1,564	742	884	749	823	772
Kentucky	44,970	64,020	74,791	66,426	69,020	74,555	74,667	66,312	62,810
Maryland	1,496	1,854	1,406	528	512	669	748	838	842
Missouri	3,577	3,947	3,720	2,873	3,232	3,283	2,976	2,592	2,748
Montana	2,871	4,245	3,017	1,805	1,247	846	413	305	345
New Mexico	1,378	1,600	1,164	476	201	158	137	117	148
North Dakota	2,161	2,447	2,901	[1] 2,423	3,102	2,815	2,561	2,314	2,413
Ohio	22,188	32,190	35,458	35,847	37,870	38,934	36,862	32,028	35,112
Oklahoma	1,444	2,623	3,046	2,133	2,164	2,007	2,195	1,630	1,525
Pennsylvania	101,556	138,876	120,441	89,680	85,713	90,287	85,365	67,771	65,347
Tennessee	5,197	7,184	5,520	5,923	7,053	8,848	7,955	6,785	5,913
Utah	3,373	6,012	6,613	6,025	6,296	6,522	6,858	5,328	4,545
Virginia	13,324	19,121	17,190	20,399	23,508	28,063	29,506	26,826	29,769
Washington	1,744	1,641	1,020	724	610	473	360	252	242
West Virginia	112,932	154,335	151,153	138,858	139,168	155,891	156,842	119,468	119,692
Wyoming	5,617	8,664	6,889	4,704	2,927	2,553	2,117	1,629	1,977
Other States	1,415	481	155	[1] 893	55	55	43	36	36

[1] North Dakota included with "Other States" in 1954 to avoid disclosure of individual operations.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*.

No. 1001. Consumption of Bituminous Coal and Lignite, by Consumer Class, With Retail Deliveries: 1940 to 1960

[In thousands of short tons. Includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 108-116]

YEAR	Total	Electric power utilities [1]	Bunker, foreign and lake vessel [2]	Railroads (Class I) [3]	MANUFACTURING AND MINING INDUSTRIES					Retail-dealer deliveries [4]
					Beehive coke plants	Oven coke plants	Steel and rolling mills [4]	Cement mills	Other [4]	
1940	430,910	49,126	2,989	85,130	4,803	76,583	14,169	5,559	107,864	84,687
1945	559,567	71,603	3,192	125,120	8,135	87,214	14,241	4,203	126,562	119,297
1949	445,538	80,610	2,056	68,123	5,354	85,882	10,529	7,966	96,629	88,389
1950	454,202	88,262	2,042	60,969	9,088	94,757	10,877	7,923	95,862	84,422
1952	418,757	103,309	1,839	37,962	6,912	90,702	9,632	7,903	93,637	66,861
1953	426,798	112,283	1,839	27,735	8,226	104,648	8,764	8,167	95,160	59,976
1954	363,060	115,235	1,244	17,370	980	84,411	6,983	7,924	77,115	51,798
1955	423,412	140,550	1,499	15,473	2,869	104,508	7,353	8,529	89,611	53,020
1956	432,858	154,983	1,470	12,308	4,043	101,870	7,189	9,026	93,302	48,667
1957	413,668	157,398	1,364	8,401	3,473	104,547	6,938	8,633	87,202	35,712
1958	366,703	152,928	955	3,725	1,017	75,563	7,268	8,256	81,372	35,619
1959	366,256	165,788	969	2,600	1,827	77,354	6,674	8,510	73,396	29,138
1960 (prel.)	380,366	173,811	956	2,113	1,553	79,447	7,378	8,216	76,487	30,405

[1] Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke.
[2] Bureau of the Census.
[3] Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel.
[4] Estimates based on reports collected from a selected list of representative steel and rolling mills, manufacturing plants and retailers.

Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*. Current data also published in annual bulletin, *Bituminous Coal and Lignite*, and *Weekly Coal Report*.

No. 1002. Coke—Summary: 1940 to 1960

[Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See also *Historical Statistics, Colonial Times to 1957*, series M 117, for production]

ITEM	1940	1950	1955	1957	1958	1959	1960
Production, total ..... 1,000 short tons	57,072	72,718	75,302	75,951	53,604	55,864	57,229
Oven coke ..... do	54,014	66,891	73,584	73,861	53,006	54,789	56,219
Percent of total	94.6	92.0	97.7	97.2	98.9	98.1	98.2
Beehive coke ..... 1,000 short tons	3,058	5,827	1,718	2,090	598	1,074	1,010
Value of products at plant, total $1,000,000	442	1,279	1,635	1,818	1,300	1,306	1,382
Beehive coke ..... do	14	77	22	31	8	16	15
Oven coke ..... do	260	900	1,200	1,352	991	1,002	1,060
All coal-chemical materials ..... do	168	302	414	434	300	288	307
Average value per ton at plant [1] ..... dollars	4.80	13.43	16.23	18.21	18.19	17.76	18.31
Coal charged ..... 1,000,000 short tons	81.4	104.0	107.7	108.4	76.8	79.6	81.4
Value, average per ton ..... dollars	3.58	8.41	8.76	9.79	9.84	9.80	9.82
Yield of coke from coal ..... percent	70.1	69.9	69.9	70.1	69.8	70.2	70.3
Ovens in existence end of year ..... number	27,884	32,690	26,143	25,467	24,926	23,441	22,906
Coke (slot type) ..... do	12,734	14,982	16,039	15,948	16,244	15,993	15,323
Beehive ..... do	15,150	17,708	10,104	9,519	8,682	7,448	7,583
Coke ovens under construction end of year (slot-type) ..... do	492	706	261	611	149	118	372
Exports ..... 1,000 short tons	804	398	531	822	393	460	353
Imports ..... do	113	438	126	118	122	123	125

[1] Beginning 1955, data based on market values and are not comparable to preceding years.

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

No. 1003. Coke—Oven and Beehive Production, by States: 1930 to 1960

[In thousands of short tons. Excludes screenings or breeze]

STATE	1930	1935	1940	1945	1950	1955	1958	1959	1960
OVEN									
Total [1]	**45,196**	**34,224**	**54,014**	**62,094**	**66,891**	**73,584**	**53,006**	**54,789**	**56,219**
Alabama	3,987	1,994	4,727	5,401	5,833	6,245	4,257	4,898	4,897
Illinois	3,577	1,669	3,015	3,682	3,591	3,041	1,911	2,045	1,971
Indiana	4,985	3,768	6,413	7,814	8,256	9,482	7,797	6,893	8,024
Maryland	1,169	930	1,683	2,025	2,367	3,236	2,896	2,402	(2)
Massachusetts	863	1,006	1,130	1,149	855	551	354	338	(2)
Michigan	2,604	2,482	2,872	2,806	2,731	3,421	2,526	3,265	3,279
Minnesota	641	430	524	826	834	1,029	643	696	(2)
New Jersey	919	917	1,016	1,284	1,481	993	745	615	(2)
New York	3,850	4,099	5,080	5,790	5,412	4,035	2,977	3,047	(2)
Ohio	6,163	5,101	7,898	9,406	10,314	11,701	6,474	8,841	8,423
Pennsylvania	12,529	8,078	14,862	15,255	16,333	19,489	13,969	13,756	14,146
West Virginia	1,479	1,604	1,990	2,462	3,389	4,325	3,290	3,077	2,758
All other States [1]	2,430	2,146	2,894	4,194	5,495	6,036	5,167	4,916	12,721
BEEHIVE									
Total [1]	**2,776**	**917**	**3,058**	**5,214**	**5,827**	**1,718**	**598**	**1,074**	**1,010**
Pennsylvania	2,011	564	2,550	4,584	5,193	1,314	355	713	684
Virginia	220	138	198	191	198	141	154	(2)	[3] 326
All other States [1]	545	215	310	439	436	263	89	361	-------

[1] Excludes Alaska and Hawaii. [2] Included in "All other States."
[3] Includes West Virginia.

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

No. 1004. Oil Wells, Number and Production, 1958 and 1959, and Number of Oil and Gas Wells Drilled, 1959 and 1960, 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]: Condensate		Wells drilled[1]: Gas		Wells drilled[1]: Dry	
	1958	1959	1958	1959	1959	1960	1959	1960	1959	1960	1959	1960
Total[2]	**574,905**	**583,141**	**11.7**	**12.2**	**25,379**	**21,186**	**1,255**	**1,306**	**3,761**	**3,952**	**19,101**	**17,574**
Ark	5,715	6,155	13.8	12.2	462	292	-------	2	41	36	334	279
Calif	36,285	36,915	23.4	23.1	884	1,160	-------	1	73	114	512	419
Colo	2,195	2,089	61.0	59.4	160	119	2	9	83	116	560	462
Ill	31,775	31,826	6.9	6.6	1,009	776	-------	-------	9	8	1,062	1,055
Ind	4,865	5,050	6.8	6.4	295	345	-------	-------	11	12	566	699
Kans	37,880	40,175	8.6	8.4	1,760	2,040	9	1	174	200	1,937	1,818
Ky	18,965	21,165	2.6	3.7	2,146	768	-------	-------	289	264	893	722
La	23,070	23,468	38.1	42.7	1,786	1,685	361	335	196	282	1,425	1,395
Mich	3,895	4,130	6.4	7.1	241	357	-------	-------	54	26	308	428
Miss	2,240	2,403	47.5	58.5	251	308	30	30	2	9	362	347
Mont	3,916	3,888	19.9	21.0	168	132	-------	-------	11	8	169	212
Nebr	1,190	1,461	50.3	47.3	293	279	-------	-------	1	2	616	613
N. Mex	12,045	12,740	23.6	23.4	1,239	1,014	52	46	359	374	414	401
N. Y	19,530	19,230	0.2	0.3	144	126	-------	-------	8	28	27	60
N. Dak	1,150	1,390	39.9	38.5	273	159	5	1	-------	-------	158	122
Ohio	15,200	16,934	1.2	1.0	484	454	-------	-------	297	260	274	304
Okla	75,210	75,630	7.3	7.2	2,677	2,284	106	72	392	434	2,072	1,472
Pa	68,485	68,450	0.3	0.2	160	256	-------	-------	327	269	67	91
Texas	189,960	188,934	13.6	14.1	10,204	7,880	687	807	779	732	6,453	5,755
Utah	519	697	182.7	180.1	183	117	-------	-------	16	23	119	102
W. Va	12,815	12,780	0.5	0.5	93	78	-------	-------	550	686	124	94
Wyo	7,530	7,090	42.4	47.2	371	483	3	2	74	55	501	526
Other States[2]	470	541	42.0	34.8	96	74	-------	-------	15	14	148	198

[1] Figures from *The Oil and Gas Journal.* [2] Includes Alaska.

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

No. 1005. Petroleum, Crude—Production, 1946 to 1960, and Reserves, 1950 and 1960, by States

[**In thousands of barrels of 42 gallons.** See also *Historical Statistics, Colonial Times to 1957,* series M 133 and M 137]

STATE	Production: 1946–1950, avg.	Production: 1951–1955, avg.	Production: 1956–1960, avg.	Production: 1955	Production: 1959	Production: 1960 (prel.)	Proved reserves[1] (December 31): 1950	Proved reserves[1] (December 31): 1960
Total[2]	**1,885,325**	**2,338,809**	**2,566,539**	**2,484,428**	**2,574,590**	**2,574,933**	**25,268,000**	**31,613,000**
Arkansas	30,220	29,284	28,877	28,369	26,329	28,953	342,000	302,000
California	329,694	357,955	323,475	354,812	308,946	304,356	3,734,000	3,659,000
Colorado	18,462	38,693	51,168	52,653	46,440	47,165	339,000	364,000
Illinois	66,619	65,516	79,054	81,423	76,727	78,840	564,000	556,000
Indiana	8,038	11,630	11,837	10,988	11,554	11,590	57,000	66,000
Kansas	104,542	116,976	120,152	121,669	119,543	113,455	732,000	884,000
Kentucky	9,592	12,873	20,117	15,518	27,272	21,144	56,000	129,000
Louisiana	177,009	250,082	340,047	271,010	362,666	394,360	2,185,000	4,785,000
Michigan	16,501	12,551	11,264	11,266	10,439	15,665	79,000	78,000
Mississippi	36,237	36,190	44,139	37,741	49,620	51,819	386,000	407,000
Montana	8,835	12,067	27,397	15,654	29,857	30,240	111,000	267,000
Nebraska	-------	6,110	20,694	11,203	22,881	24,428	10,000	86,000
New Mexico	44,144	67,924	98,960	82,958	105,692	107,940	592,000	1,084,000
New York	4,563	3,691	2,192	2,904	1,970	1,801	59,000	32,000
North Dakota	-------	4,785	16,158	11,143	17,824	21,954	-------	431,000
Ohio	3,296	3,667	5,492	4,353	5,978	4,960	27,000	75,000
Oklahoma	149,305	193,708	204,320	202,817	198,090	192,288	1,397,000	1,791,000
Pennsylvania	12,317	10,173	7,060	8,531	6,160	6,258	106,000	108,000
Texas	811,726	1,015,829	1,005,490	1,053,297	971,978	933,632	13,581,000	14,758,000
West Virginia	2,777	2,724	2,217	2,320	2,184	2,318	39,000	51,000
Wyoming	49,660	82,527	118,311	99,483	126,050	135,521	841,000	1,427,000
Other States[2]	1,788	3,854	28,118	4,316	46,390	46,246	31,000	273,000

[1] From Reports of Committee on Petroleum Reserves, American Petroleum Institute. Figures for California, Louisiana, and Texas include offshore reserves. [2] Beginning 1959, includes Alaska and 1960, Hawaii.

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

No. 1006. Crude Petroleum, Refined Products, and Natural-Gas Liquids—Production and Stocks: 1930 to 1960

[**Barrels of 42 gallons.** Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 133-136 and M 168-177]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 [1]
Crude petroleum:								
Domestic production ... mil. bbl.	898	1,353	1,974	2,484	2,617	[2] 2,449	[2] 2,575	2,575
Value at wells ... mil. dol.	1,070	1,385	4,963	6,870	8,079	[2] 7,380	[2] 7,473	7,419
World production ... mil. bbl.	1,412	2,144	3,803	5,626	6,451	6,608	7,127	(3)
U.S. proportion of world total ... percent	64	63	52	44	41	37	36	(3)
Imports [4] ... mil. bbl.	62	43	178	285	373	348	352	372
Exports [4] ... do	24	51	35	12	50	4	3	3
Stocks, end of period:								
Gasoline-bearing crude ... do	409	265	248	266	282	[2] 263	[2] 257	240
California heavy crude ... do	(5)	12						
Runs to stills ... do	927	1,294	2,095	2,730	2,890	2,789	2,918	2,953
Average price per barrel at wells ... dol.	1.19	1.02	2.51	2.77	3.09	[2] 3.01	[2] 2.90	2.88
Refined products:								
Imports [4] ... mil. bbl.	43	41	133	170	201	273	297	294
Exports [4] ... do	133	79	76	123	157	96	85	71
Stocks, end of period [6] ... do	[5] 254	281	327	436	538	[2] 504	[2] 526	510
Output of motor fuel ... do	441	617	1,024	1,374	1,438	1,440	1,489	1,528
Yield of gasoline ... percent	42.0	43.1	43.0	44.0	43.8	45.2	44.9	45.2
Completed refineries, end of year	435	556	357	318	318	313	310	311
Daily crude-oil capacity ... mil. bbl.	3.9	4.7	7.0	8.6	9.4	9.8	9.9	10.0
Average dealer's net price (excl. tax) of gasoline in 50 U.S. cities [7] ... cents per gal.	14.49	9.08	15.10	16.18	16.69	16.22	16.09	16.08
Natural-gas liquids: [8]								
Production ... mil. bbl.	53	56	182	281	295	295	321	335
Stocks, end of period ... do	2	6	7	14	22	23	25	29

[1] Includes Alaska and Hawaii. [2] Includes Alaska. [3] Not available.
[4] Excludes trade between Alaska (prior to 1959), Hawaii, Puerto Rico, and foreign countries. Exports include shipments from conterminous U.S. to Alaska, Hawaii, and outlying areas of the U.S., except Alaska in 1959.
[5] Figure for California heavy crude included in refined products.
[6] Beginning 1955, new basis; not comparable with earlier years.
[7] Beginning 1955, figures from Platt's Oilgram Price Service; prior years from American Petroleum Institute.
[8] For greater detail, see table 1009.

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

No. 1007. Petroleum—Runs to Stills and Refinery Products, by Class: 1940 to 1960

[**In thousands of barrels of 42 gallons.** Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 152-167]

PRODUCT	1940	1950	1955	1957	1958	1959	1960 (prel.)
Input, total	1,333,709	2,189,506	2,856,600	3,040,526	2,926,673	3,070,984	3,119,327
Crude petroleum, total	1,294,162	2,094,867	2,730,218	2,890,436	2,789,404	[1] 2,917,661	[2] 2,952,534
Domestic	1,252,364	1,918,854	2,446,833	2,529,672	2,444,229	[1] 2,565,504	[2] 2,581,518
Foreign	41,798	176,013	283,385	360,764	345,175	352,157	371,016
Natural-gas liquids	39,547	94,639	126,382	150,090	137,269	153,323	166,793
Output, total	1,333,709	2,189,506	2,856,600	3,040,526	2,926,673	3,070,984	3,119,327
Gasoline	597,375	998,093	1,331,528	1,415,335	1,411,956	1,473,430	1,510,134
Kerosene	73,882	118,512	117,137	108,929	110,008	110,662	135,772
Distillate fuel oil	183,304	398,912	602,547	668,573	631,405	678,938	667,050
Residual fuel oil	316,221	425,217	420,331	415,656	363,358	347,900	332,147
Jet fuel	----------	----------	56,648	63,322	73,676	92,933	88,248
Lubricants	36,765	51,735	55,836	55,723	51,298	56,111	59,389
Wax (1 bbl.=280 lb.)	1,833	4,462	5,293	5,461	5,252	5,630	5,896
Coke (5 bbl.=1 s. ton)	7,633	17,224	28,337	33,466	37,808	41,117	60,010
Asphalt (5.5 bbl.=1 s. ton)	29,406	58,240	83,121	85,683	89,380	97,643	98,671
Road oil	7,771	6,928	8,482	7,209	5,925	6,493	5,970
Still gas (1 bbl.=3,600 cu. ft.)	75,950	83,743	116,506	125,720	125,951	126,958	129,480
Liquefied gases	3,202	29,083	43,615	53,437	57,623	68,692	77,578
Other finished products		4,717	10,806	15,816	18,718	21,854	24,358
Crude gasoline (net)	902	243	(3)	(3)	(3)	(3)	(3)
Other unfinished oils (net)	[4] *3,848*	[4] *6,891*	[4] *11,231*	1,355	[4] *32,493*	[4] *25,868*	[4] *22,094*
Shortage	3,313	[5] *712*	[5] *12,356*	[5] *15,159*	[5] *23,192*	[5] *31,509*	[5] *53,282*

[1] Includes 187,000 barrels produced in Alaska.
[2] Includes crude production in Alaska amounting to 558,000 barrels and part-year operations of 1 refinery in Hawaii. [3] Included in gasoline.
[4] Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.
[5] Negative quantity.

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

No. 1008. Natural Gas—Production, Consumption, and Value: 1930 to 1959

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 138-147]

ITEM	1930	1940	1950	1955	1957	1958	1959 [1]
Total marketed production [2] ....bil. cu. ft..	1,943	2,660	6,282	9,405	10,680	[1] 11,030	12,046
Value (at wells) of gas produced...mil. dol..	147	120	409	978	1,202	[1] 1,317	1,557
Average per 1,000 cu. ft....cents..	7.6	4.5	6.5	10.4	11.3	11.9	12.9
Number of producing gas wells, Dec. 31....	55,020	53,880	64,900	71,475	77,041	80,400	83,225
Total consumption....bil. cu. ft..	1,942	2,655	6,026	9,070	10,280	[1] 10,761	11,820
Residential....do....	296	444	1,198	2,124	2,500	2,714	2,913
Commercial....do....	81	135	388	629	776	872	975
Industrial....do....	1,565	2,076	4,440	6,317	7,004	7,175	7,932
Value (at point of consumption) of gas consumed, total....mil. dol..	416	577	1,604	3,626	4,435	4,968	5,642
Residential....do....	201	316	826	1,885	2,325	2,665	2,946
Commercial....do....	39	64	184	395	534	606	703
Industrial....do....	176	197	593	1,346	1,576	1,697	1,993
Average per 1,000 cu. ft....cents..	21.4	21.7	26.6	40.0	43.1	46.2	47.7
Residential....do....	67.8	71.1	69.0	88.7	93.0	98.2	101.1
Commercial....do....	47.8	47.8	47.6	62.7	68.9	69.5	72.1
Industrial....do....	11.3	9.5	13.4	19.6	22.5	23.6	25.1
Number of consumers:							
Residential....1,000..	5,035	9,245	16,906	26,084	28,792	29,282	30,692
Commercial....do....	413	741	1,347	2,140	2,344	2,405	2,608

[1] Includes Alaska.
[2] Beginning 1950, comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.

No. 1009. Natural-Gas Liquids—Production and Value: 1930 to 1959

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 148-151]

ITEM	1930	1940	1950	1955	1957	1958	1959
Total produced....million gal..	(1)	(1)	7,642	11,818	12,390	12,379	13,472
Natural gasoline and natural-gasoline mixtures....million gal..	2,210	2,174	3,229	[2] 4,457	[2] 4,499	[2] 4,355	[2] 4,222
Liquefied petroleum gases....do....	(1)	(1)	3,036	5,973	6,655	6,783	7,875
Cycle products....do....	----------	166	1,378	1,388	1,235	1,241	1,375
Value at plants:							
Natural gasoline....$1,000..	128,160	[3] 68,261	213,810	313,075	305,937	300,666	290,311
Liquefied petroleum gases....do....	(1)	(1)	97,773	195,231	263,665	296,571	349,802
Cycle products....do....	----------	(3)	108,022	110,700	109,854	92,473	118,383
Average value per gallon, all light products....cents..	[4] 5.8	[4] 2.9	5.5	5.2	5.5	5.6	5.6
Natural gas processed...billion cu. ft..	2,089	2,471	5,342	8,186	8,579	8,453	9,187
Average yield, all light products gal. per 1,000 cu. ft..	(1)	(1)	1.43	1.44	1.44	1.46	1.47

[1] Not available. [2] Includes isopentane; included in LP-gases for prior years.
[3] Cycle products included with natural gasoline. [4] Excludes LP-gases.

Source of tables 1008 and 1009: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1010. Estimates of Natural Gas Reserves: 1950 to 1960

[**In billions of cubic feet.** Excludes Alaska and Hawaii. Volumes calculated at a pressure base of 14.65 p.s.i., absolute, and at a standard temperature of 60° F. See also *Historical Statistics, Colonial Times to 1957*, series M 142, for estimated reserves]

YEAR	NATURAL GAS ADDED DURING YEAR			Net increase in underground storage	Net production during year	Estimated proved reserves as of end of year	Increase over previous year
	Total	Extensions and revisions	Discoveries of new fields and new pools in old fields				
1950	12,050	9,172	2,877	54	6,893	185,593	5,211
1955	22,017	16,298	5,719	88	10,118	223,697	11,987
1956	24,851	19,215	5,636	134	10,908	237,775	14,077
1957	20,117	11,118	8,999	180	11,502	246,569	8,795
1958	19,000	13,389	5,611	58	11,485	254,142	7,573
1959	20,734	14,933	5,801	161	12,441	262,597	8,455
1960	13,970	7,333	6,637	283	13,090	263,759	1,162

Source: American Gas Association, New York, N. Y.; yearbook, *Gas Facts*.

No. 1011. Natural Gas—Production, 1930 to 1959, and Reserves, 1955 and 1959, by States

[In billions of cubic feet]

STATE	NATURAL GAS—MARKETED PRODUCTION [1]						NATURAL GAS RESERVES [2]	
	1930	1940	1950	1955	1958	1959	1955	1959
Total [3]	1,943	2,660	6,282	9,405	[4] 11,030	[4] 12,046	223,697	262,597
Arkansas	19	14	48	32	33	41	1,164	1,423
California	335	352	558	538	466	486	8,893	8,593
Colorado	3	3	11	49	82	100	2,254	2,496
Illinois	3	8	13	8	13	14	234	175
Kansas	38	90	364	471	562	604	16,293	19,981
Kentucky	28	53	73	73	72	74	1,262	1,159
Louisiana	278	343	832	1,680	2,452	2,670	42,436	59,854
Michigan	2	13	11	8	14	19	326	515
Mississippi	(5)	6	114	163	160	162	2,608	2,487
Montana	10	26	39	28	28	31	720	665
Nebraska	(6)	(6)	(5)	13	11	13	203	133
New Mexico	9	64	213	541	761	740	18,585	17,913
North Dakota	(6)	(6)	1	5	17	18	281	1,207
Ohio	63	41	43	34	32	35	810	749
Oklahoma	348	258	482	615	697	812	13,205	16,651
Pennsylvania	89	91	91	99	96	99	754	1,052
Texas	518	1,064	3,126	4,731	5,178	5,719	108,288	120,476
Utah	(6)	(6)	4	17	19	39	421	1,264
West Virginia	144	189	190	212	205	205	1,565	1,594
Wyoming	43	27	62	78	122	157	3,196	3,847
Other States	13	19	5	9	10	10	201	362

[1] For 1930 and 1940, represents only amount used by the ultimate consumer; thereafter comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.
[2] Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.
[3] Excludes Alaska and Hawaii, except as noted. [4] Includes 50 million cubic feet in 1958, and 133 million cubic feet in 1959 produced in Alaska.
[5] Less than 500 million cubic feet. [6] Included with "Other States."

No. 1012. Consumption of Fuel Oils and Natural Gas, by Major Consumer Groups: 1950 to 1959

[Fuel oils in thousands of barrels of 42 gallons; natural gas in billions of cubic feet. Natural gas includes Alaska beginning 1958; distillate and residual fuel oil beginning 1959]

TYPE OF FUEL	Total	Railroads	Vessels	Gas and electric power plants	Smelters, mines, and manufactures	Space heating and cooking	Military	Oil and gas company fuel	Miscellaneous
Distillate fuel oil:									
1950	395,306	48,703	12,872	13,207	37,121	235,740	6,553	5,692	35,418
1955	581,127	84,668	16,675	5,884	43,606	356,589	10,945	8,597	54,163
1956	615,775	89,439	18,487	5,403	44,949	377,262	11,326	10,131	58,778
1957	617,275	88,315	20,420	5,296	43,532	377,044	12,737	10,419	59,512
1958	653,559	83,719	18,768	5,382	37,553	412,670	13,412	7,815	74,240
1959	658,992	87,802	19,250	5,005	33,007	416,763	11,394	8,642	77,129
Residual fuel oil:									
1950	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1955	556,983	15,018	115,128	75,966	173,030	86,282	28,368	53,387	9,804
1956	561,563	10,575	117,445	73,987	177,807	87,601	30,546	53,271	10,331
1957	544,577	6,953	123,651	76,577	166,885	81,412	28,962	50,153	9,984
1958	531,367	5,772	106,269	76,995	143,142	105,639	37,428	46,463	9,659
1959	554,352	5,613	102,049	82,208	167,701	111,850	31,415	46,177	7,339
Natural gas:									
1950	6,026	--------	--------	[1] 629	[2] 2,672	1,586	--------	1,768	--------
1955	9,070	--------	--------	[1] 1,153	[2] 3,939	2,753	--------	2,378	--------
1956	9,707	--------	--------	[1] 1,239	[2] 4,267	3,044	--------	2,396	--------
1957	10,280	--------	--------	[1] 1,338	[2] 4,546	3,276	--------	2,458	--------
1958	10,761	--------	--------	[1] 1,373	[2] 4,576	3,586	--------	2,598	--------
1959	11,820	--------	--------	[1] 1,627	[2] 5,093	3,888	--------	2,839	--------

[1] Source: Federal Power Commission. Includes gas other than natural gas, therefore excluded from total.
[2] Includes natural-gas component of gas used in gas and electric power plants.

Source of tables 1011 and 1012: Department of the Interior, Bureau of Mines; *Minerals Yearbook.*

No. 1013. Petroleum Asphalt and Road Oil—Supply, Distribution, Stocks and Sales: 1945 to 1960

[**In thousands of short tons.** Beginning 1959, includes Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico for all years]

ITEM	1945	1950	1954	1955	1957	1958	1959	1960 (prel.)
SUPPLY AND DISTRIBUTION								
Petroleum asphalt:								
Production	7,127	10,589	13,620	15,113	15,579	16,251	17,753	17,940
Imports (including natural)	147	324	617	605	1,162	1,360	1,250	1,113
Exports	212	144	340	285	325	248	188	167
Stocks, end of year	693	962	1,305	1,413	1,902	1,774	1,991	1,844
Apparent domestic consumption [1]	6,973	10,669	13,923	15,325	16,178	17,491	18,598	19,033
Road oil:								
Production	471	1,260	1,312	1,542	1,311	1,077	1,181	1,085
Stocks, end of year	67	72	79	102	107	76	119	135
Apparent domestic consumption [2]	438	1,255	1,312	1,519	1,295	1,108	1,138	1,069
SALES								
Paving products:								
Asphalt cements	(3)	(3)	5,375	5,867	7,152	7,957	8,914	8,679
Cutback asphalts	(3)	(3)	3,785	4,039	3,894	4,402	4,534	4,486
Emulsified asphalts	(3)	(3)	809	861	889	1,025	1,132	1,524
Road oil	(3)	(3)	1,346	1,460	1,306	1,165	1,143	1,161
Roofing products:								
Asphalt cements and fluxes	(3)	(3)	3,244	3,490	2,789	3,094	3,293	3,516
Emulsified asphalts	(3)	(3)	6	12	30	7	6	9
Miscellaneous products:								
Asphalt cements and fluxes	(3)	(3)	1,410	1,366	1,576	1,635	1,839	1,798
Emulsified asphalts	(3)	(3)	53	45	44	59	56	63

[1] Production, plus imports less exports and plus or minus change in stocks.
[2] Production, plus or minus change in stocks. [3] Not available.
Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*, and records.

No. 1014. Cement—Summary: 1930 to 1960

[**Barrels of 376 pounds.** Includes Puerto Rico beginning 1940; imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1967*, series M 178–179]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Production of finished cement, total..1,000 bbl.	162,989	132,751	230,272	314,913	313,756	326,352	355,734	334,130
Portland.....do.	161,197	130,216	226,026	297,453	298,424	311,471	339,091	319,009
Prepared masonry..do.	(1)	(1)	(1)	16,519	14,701	14,361	16,205	14,553
Natural, slag, and hydraulic lime..1,000 bbl.	[2] 1,792	[2] 2,535	[2] 4,246	941	631	520	438	568
Active plants:								
Portland.....number.	163	152	150	157	164	168	172	176
Natural, slag, and hydraulic lime..number.	11	12	9	6	5	5	4	4
Shipments, total 1,000 bbl.	160,846	132,864	231,975	310,245	304,741	322,011	352,067	327,087
Value.....$1,000.	231,250	193,465	545,951	896,888	978,731	1,053,847	1,161,849	1,103,680
Per barrel.....dollars.	1.44	1.46	2.35	2.89	3.21	3.27	3.30	3.37
Portland.....1,000 bbl.	159,059	130,350	227,756	292,765	289,698	307,068	335,452	312,292
Prepared masonry..do.	(1)	(1)	(1)	16,526	14,381	14,451	16,174	14,247
Natural, slag, and hydraulic lime..1,000 bbl.	[2] 1,787	[2] 2,514	[2] 4,219	954	662	492	441	548
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl.	25,899	23,365	13,119	17,539	28,716	30,718	31,459	35,462
Imports.....do.	985	538	1,410	5,220	4,427	3,390	5,265	4,098
Exports.....do.	756	1,668	2,418	1,795	1,331	641	277	187
World production (estimate).....1,000 bbl.	416,880	474,927	781,500	1,274,501	1,447,012	1,543,394	1,720,526	(3)

[1] Prepared masonry cement from portland cement plants not included in tabulations until 1955.
[2] Includes masonry cement from natural, slag, and hydraulic lime plants. [3] Not available.
Source: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1015. Portland Cement—Production, by States: 1930 to 1960

[In thousands of barrels of 376 pounds]

STATE	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Total [1]	**161,197**	**130,217**	**226,026**	**297,453**	**298,424**	**311,471**	**339,091**	**319,009**
Alabama	4,821	5,122	10,372	12,161	11,965	12,372	13,461	11,935
California	10,124	14,216	26,277	35,449	38,371	39,056	43,635	39,892
Illinois	7,935	4,975	7,924	8,810	8,794	9,433	9,560	----------
Iowa	7,088	4,606	7,416	10,182	10,502	12,306	13,147	12,527
Kansas	6,012	3,433	8,616	9,219	8,118	9,244	10,177	----------
Michigan	11,511	8,603	12,967	18,205	21,015	19,841	21,561	20,971
Missouri	7,809	4,968	9,778	12,001	10,866	12,143	13,610	12,606
New York	10,373	8,437	[2] 14,196	[2] 20,049	[2] 17,836	[2] 16,920	[2] 18,610	[2] 20,134
Ohio	8,632	6,664	10,607	13,966	16,291	15,191	18,028	16,850
Pennsylvania	37,844	26,853	38,646	46,863	44,004	40,945	41,208	37,170
Tennessee	3,875	3,808	6,685	8,110	7,181	7,923	8,688	7,926
Texas	6,782	7,375	17,150	24,241	21,845	25,465	27,111	23,190
Other States [1]	38,393	31,156	55,392	78,197	81,636	90,632	100,295	115,808

[1] Beginning 1940 includes Puerto Rico.
[2] Includes Maine.

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

No. 1016. Sand and Gravel—Quantity Sold or Used by Producers and Value: 1930 to 1959

[Includes Alaska and Hawaii beginning 1940. Includes Puerto Rico, 1940 through 1955. Includes Canal Zone and islands administered by the U.S. for 1955 only. See also *Historical Statistics, Colonial Times to 1957*, series M 183, for total]

ITEM	1930	1940	1950	1955	1957	1958	1959
Sand and gravel, total..1,000 short tons	**197,052**	**238,308**	**370,455**	**592,153**	**631,506**	**684,498**	**730,205**
Building.....do	46,605	68,036	132,873	213,712	200,482	196,098	237,427
Paving.....do	84,176	143,158	204,242	327,976	349,919	410,430	418,175
Other.....do	66,271	27,114	33,340	[1] 50,465	[1] 81,105	[1] 77,970	[1] 74,603
Value.....$1,000	115,177	110,688	295,040	[1] 536,236	[1] 598,727	[1] 652,789	[1] 728,712
Average per ton.....dollars	.58	.46	.80	.91	.95	.95	1.00
Commercial sand.....1,000 short tons	81,754	63,930	124,982	[1] 196,528	[1] 209,276	[1] 211,578	[1] 231,554
Value.....$1,000	48,894	40,526	120,350	[1] 209,166	[1] 230,150	[1] 234,113	[1] 266,457
Average per ton.....dollars	.60	.63	.96	1.06	1.10	1.11	1.15
Noncommercial (government-and-contractor) sand.....1,000 short tons	1,905	14,744	13,918	24,591	26,482	30,080	37,631
Value.....$1,000	828	4,806	5,961	13,075	14,183	16,958	22,074
Average per ton.....dollars	.43	.33	.43	.53	.54	.56	.59
Commercial gravel.....1,000 short tons	95,126	67,326	132,574	223,548	256,983	277,716	303,369
Value.....$1,000	58,475	37,745	120,974	228,386	264,800	291,170	332,188
Average per ton.....dollars	.61	.56	.91	1.02	1.03	1.05	1.09
Noncommercial (government-and-contractor) gravel.....1,000 short tons	18,267	92,308	98,981	147,486	138,765	165,124	157,651
Value.....$1,000	6,980	27,612	47,755	85,610	89,594	110,548	107,993
Average per ton.....dollars	.38	.30	.48	.58	.65	.67	.69

[1] Includes ground sand, not formerly covered, as follows: 1955, 1,210,000 tons valued at $8,390,000; 1957, 798,052 tons, $7,473,000; 1958, 773,338 tons, $7,249,000; 1959, 930,017 tons, $8,007,000.

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

No. 1017. Stone—Quantity Sold or Used by Producers, and Value, by Kind and by Use: 1930 to 1959

[Includes Alaska and Hawaii for all years except 1955; Puerto Rico for 1930, 1940, and 1950; and Panama Canal Zone and islands administered by the U.S. for 1955]

Variety and use	Quantity sold or used (1,000 short tons) [1]						Value ($1,000)		
	1930	1940	1950	1955	1958	1959	1950	1958	1959
Total	**127,460**	**154,206**	**252,425**	**471,251**	[2] 535,923	[2] 584,163	404,106	[2] 826,685	[2] 911,982
KIND									
Granite	10,048	10,880	21,935	26,079	31,958	37,571	50,697	69,491	78,416
Basalt and related rocks	14,532	15,716	22,895	35,851	44,604	51,779	34,373	69,496	80,454
Sandstone [3]	4,594	6,499	9,101	13,108	24,973	17,553	23,787	53,677	46,467
Marble	477	240	267	1,092	1,405	1,895	10,932	27,656	32,269
Limestone [4]	88,741	112,658	180,919	361,524	391,447	433,955	252,756	535,522	600,497
Other stone	8,604	7,740	16,378	17,706	20,178	18,531	16,514	25,848	25,855
Shell	----	----	----	15,131	18,916	20,180	----	31,876	34,810
Slate	464	473	930	760	638	656	15,047	11,459	11,288
USE									
Dimension stone	4,491	2,261	2,021	2,674	2,522	2,442	65,272	80,254	87,571
Building stone	3,555	1,897	1,565	2,129	1,911	1,853	43,509	56,331	62,524
Rough	1,422	555	554	811	749	599	6,815	8,663	8,108
Dressed	900	281	675	876	802	844	29,850	41,396	47,890
Rubble	1,066	916	247	375	303	360	615	1,139	1,606
Roofing and mill-stock slate	167	145	89	67	57	50	6,229	5,133	4,920
Monumental	291	196	237	235	236	236	17,062	17,257	17,862
Paving blocks	294	19	4	6	[5] 101	29	51	[5] 475	144
Curbing	262	71	78	121	128	155	2,430	3,095	3,811
Flagging	89	78	137	183	146	169	2,220	3,096	3,230
Crushed and broken stone	122,969	151,945	250,404	468,577	533,401	581,721	338,834	746,431	824,411
Riprap	4,292	5,264	6,898	10,286	15,374	16,904	7,807	18,887	20,637
Concrete and road-stone	74,293	92,814	146,496	254,588	322,451	357,098	191,534	427,414	478,287
Railroad ballast	12,818	7,454	18,614	15,871	10,803	11,314	17,520	12,060	12,739
Furnace flux	17,091	22,872	35,970	40,068	26,045	28,633	37,932	37,491	41,682
Refractory stone	1,197	1,741	2,158	1,169	920	955	5,849	7,810	7,192
Agricultural	2,542	8,724	19,349	18,360	20,545	20,819	30,393	34,551	36,038
Portland and natural cement (limestone, cement rock, and shell)	(6)	(6)	(6)	84,209	80,757	91,010	(6)	85,748	96,901
Lime and dead-burned dolomite	(6)	(6)	(6)	16,409	15,834	20,517	(6)	24,435	31,834
Other uses	10,736	13,076	20,919	27,617	40,672	34,471	47,799	98,035	99,101

[1] Quantities of stone not sold by short tons are expressed in approximate equivalents in short tons.
[2] Includes calcareous marl (1,803,000 tons valued at $1,660,000 in 1958 and 2,043,000 tons valued at $1,926,000 in 1959) excluded in distribution by kind of stone.
[3] Beginning 1955, includes ground sandstone, quartz, and quartzite used for abrasives and other uses.
[4] Beginning 1955, includes limestone, cement rock and dolomite used in making cement, lime, and dead-burned dolomite.
[5] Includes 100,000 tons of blocks for other uses, valued at $454,000.
[6] Not available.

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

No. 1018. Lime—Production, by Type and Use: 1940 to 1959

[Includes Hawaii and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181-182]

Item	1940	1950	1955	1957	1958	1959
Active plants ... number	314	168	150	146	146	156
Quantity sold or used by producers ... 1,000 short tons	**4,887**	**7,478**	**10,480**	**10,274**	**9,211**	**12,508**
Value ... $1,000	33,956	83,248	127,144	135,323	121,193	164,211
Per ton ... dollars	6.95	11.13	12.13	13.17	13.16	13.13
Open-market lime ... 1,000 short tons	4,548	7,022	8,930	8,516	7,388	8,405
Captive tonnage lime ... do	[1] 339	[1] 456	1,550	1,758	1,823	4,103
By type:						
Quicklime ... do	2,633	3,834	6,113	5,942	5,538	7,756
Hydrated ... do	1,386	1,885	2,238	2,081	2,014	2,766
Dead-burned dolomite ... do	868	1,759	2,129	2,251	1,659	1,986
By use:						
Agricultural ... do	365	333	305	209	196	196
Building ... do	1,010	1,249	1,310	1,101	1,193	1,315
Chemical and industrial ... do	2,644	4,137	6,736	6,713	6,163	9,011
Refractory (dead-burned dolomite) ... do	868	1,759	2,129	2,251	1,659	1,987

[1] Incomplete figures; only partial coverage of captive plants.

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

No. 1019. Gypsum—Supply, Sales, Imports, and Exports: 1945 to 1960

Quantities in thousands of short tons; values in thousands of dollars. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 180, for gypsum mined]

ITEM	1945	1950	1955	1957	1958	1959	1960 (prel.)
Active establishments [1]	75	87	83	84	85	93	95
Crude gypsum: [2]							
Mined	3,812	8,193	10,684	9,195	9,600	10,900	9,800
Imported	509	3,219	3,977	4,334	4,047	6,135	5,306
Apparent supply	4,320	11,412	14,661	13,529	13,647	17,035	15,106
Calcined gypsum produced:							
Quantity	[3] 2,485	7,341	8,848	7,801	8,122	9,268	8,591
Value	[3] 14,474	60,480	88,576	83,455	91,402	111,740	120,984
Gypsum products sold, total value [4]	60,149	205,383	319,323	301,095	329,070	388,335	361,204
Uncalcined uses:							
Quantity	1,148	2,218	2,938	3,139	3,471	3,989	3,600
Value	3,433	7,912	11,435	13,120	14,018	16,109	15,500
Industrial uses:							
Quantity	158	266	299	319	250	311	284
Value	2,326	4,530	6,337	6,998	5,850	7,087	6,362
Building uses, value	54,390	192,940	301,551	280,977	309,202	365,139	339,342
Gypsum and gypsum products:							
Imported for consumption, value [5]	549	3,584	7,276	8,514	7,863	13,204	8,556
Exported, value	1,503	1,046	1,348	1,345	2,465	1,296	1,300

[1] Each mine, plant, or combination mine and plant is counted as 1 establishment.
[2] Excludes byproduct gypsum.
[3] Includes production from small quantity of byproduct gypsum.
[4] Made from domestic, imported, and byproduct gypsum.
[5] Beginning 1955, data not comparable with previous years.

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

No. 1020. Sulfur, Pyrites, and Other Sulfur-Containing Raw Materials—Production, Imports, and Exports: 1940 to 1959

[Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 185-189]

ITEM	1940	1950	1955	1957	1958	1959
Production:						
Sulfur, all forms [1] ... 1,000 long tons	3,227	5,986	7,027	7,004	6,141	6,168
Sulfur from Frasch mines ... do	2,732	5,192	5,739	5,491	4,643	4,554
Recovered elemental sulfur (sulfur content) ... do	4	142	399	511	640	686
Pyrites (gross weight) ... do	627	931	1,007	1,067	974	1,057
Sulfur content ... do	262	393	410	436	403	437
Value ... $1,000	1,920	4,059	8,391	9,087	7,987	8,148
Byproduct sulfuric acid [2] (sulfur content) 1,000 long tons	213	216	325	390	360	317
Shipments, Frasch mines ... do	2,559	5,505	5,839	5,035	4,644	5,222
Approximate value ... $1,000	40,900	104,000	163,156	122,915	109,272	121,777
Average value per long ton ... dollars	15.98	18.89	27.94	24.41	23.53	23.32
Imports for consumption:						
Sulfur, ore and other (gross weight) ... 1,000 long tons	28	([3])	35	499	591	642
Pyrites (gross weight) ... do	407	209	[4] 80	[4] 71	343	281
Exports, sulfur [5] ... do	766	1,479	1,636	1,593	1,602	1,636

[1] In addition to forms of recovery cited below, covers sulfur ore and other byproduct sulfur compounds (hydrogen sulfide and liquid sulfur dioxide).
[2] Produced at copper, lead, and zinc plants.
[3] Less than 500 tons.
[4] In addition to data shown, an estimated 278,000 long tons was imported in 1955, and 282,000 in 1957, all from Canada.
[4] Crude, crushed, ground, refined, sublimed, and flowers.

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

No. 1021. Salt—Production, by States and by Kind, and Exports and Imports: 1930 to 1960

[In thousands of short tons. Production figures represent sales plus that used by producers; they include Puerto Rico, and, Hawaii 1955 through 1958. Exports and imports include Alaska, Hawaii, and Puerto Rico. Imports are imports for consumption. See also *Historical Statistics, Colonial Times to 1957*, series M 28 and M 190, for production and value]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1930	8,054	70	54	1955	22,704	407	186
1935	7,927	112	51	1956	24,216	336	368
1940	10,360	147	30	1957	23,854	391	651
				1958	21,912	363	611
1945	15,394	191	5	1959	25,163	424	1,025
1950	16,630	190	8	1960	25,479	422	1,057

STATE AND KIND	1940	1945	1950	1955	1957	1958	1959	1960
Production	**10,360**	**15,394**	**16,630**	**22,704**	**23,854**	**21,912**	**25,163**	**25,479**
By State:								
California	469	695	868	1,315	1,330	1,297	1,388	1,443
Kansas	684	856	846	911	1,018	1,073	1,123	1,213
Louisiana	1,133	1,868	2,279	3,563	3,461	3,442	4,807	4,792
Michigan	2,863	4,285	4,447	4,975	5,225	4,267	4,485	4,088
New York	2,118	2,862	2,807	3,780	3,691	3,896	4,011	4,008
Ohio	2,080	2,765	2,515	2,905	2,825	2,443	2,858	3,108
Texas	402	1,101	1,852	3,583	4,612	3,843	4,519	4,756
Utah	71	123	117	196	221	184	209	231
West Virginia	144	370	368	638	648	627	811	920
Other States	395	469	531	839	823	840	952	920
By kind:								
Evaporated (manufactured)	2,783	3,183	3,329	3,987	3,994	3,762	3,980	4,102
In brine	5,312	8,706	9,373	13,424	14,519	12,743	15,023	14,911
Rock salt	2,266	3,506	3,927	5,293	5,341	5,407	6,160	6,466
Total value [1] ... $1,000	26,475	43,914	59,911	123,389	148,991	141,500	155,877	1,140

[1] F.o.b. mine or refinery; excludes cost of cooperage or containers.

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

No. 1022. Iron Ore—Summary: 1930 to 1960

[In thousands of long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Nearly all exports are to Canada and, in recent years, Japan also. See also *Historical Statistics, Colonial Times to 1957*, series M 195–206]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960
Production	**58,409**	**73,696**	**98,045**	**103,003**	**106,148**	**67,709**	**60,276**	**88,777**
By district:								
Lake Superior	49,383	61,471	79,627	83,255	83,530	51,777	43,950	71,792
Southeastern	5,838	[1] 7,444	7,508	7,106	[2] 6,749	3,827	4,350	4,365
Northeastern	2,249	3,560	4,475	4,650	4,962	3,412	3,669	4,125
Western	939	[1] 1,221	5,861	6,958	[2] 6,467	5,178	4,356	4,577
Undistributed and byproduct ore	(3)	(3)	575	1,034	[2] 4,440	3,515	3,951	3,918
By type of ore:								
Hematite	55,266	68,870	87,156	92,958	86,691	50,931	44,236	[4] 68,147
Brown ore	720	935	2,615	2,461	3,250	3,843	2,381	1,641
Magnetite	2,421	3,891	7,699	6,550	15,397	12,183	12,867	18,199
Undistributed and byproduct ore (pyrites cinder and sinter) [5]	1	1	575	1,034	810	752	791	791
Number of mines	208	230	247	305	349	238	233	246
Shipments	55,201	75,198	97,764	106,258	[6] 104,970	[7] 66,288	[7] 59,164	[7] 82,952
Value ... $1,000	145,619	189,087	487,990	756,853	[6] 874,885	[7] 569,154	[7] 514,067	[7] 723,464
Average value per ton at mine	$2.64	$2.51	$4.99	$7.11	$8.31	$8.59	$8.69	$8.72
Stocks at mines, Dec. 31	10,383	3,614	5,726	4,281	6,776	7,033	7,358	12,406
Imports	2,775	2,479	8,281	23,472	33,651	27,544	35,613	34,591
Value ... $1,000	8,113	6,205	43,968	177,457	285,051	231,617	312,367	321,748
Exports	752	1,386	2,551	4,517	5,002	3,573	2,967	5,236
Value ... $1,000	2,734	4,625	15,717	36,993	47,543	34,898	33,831	57,575
World production (estimate)	175,600	208,700	247,000	363,421	426,365	398,439	429,018	(3)

[1] Texas included with Southeastern district.
[2] Production for Tenn., Calif., Colo., Idaho, S. Dak., and Texas (3,630,000 long tons) included with "Undistributed."
[3] Not available.
[4] Includes brown ore from Tenn., Mo., and Texas; also magnetite from Calif., Utah, and Wyoming.
[5] Data for 1930 and 1940 represents carbonate ore.
[6] 1957 shipments include 813,000 tons of byproduct ore valued at $9,182,000.
[7] Excludes byproduct ore.

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

No. 1023. Manganese Ore, Ferromanganese, and Spiegeleisen—Summary: 1930 to 1959

[**Gross weight in thousands of short tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 211, for mine shipments]

ITEM	1930	1940	1950	1955	1957	1958	1959
Manganese ore (35 percent or more Mn):							
Mine shipments	75	45	134	287	366	327	229
General imports	656	1,450	1,835	2,078	3,105	2,453	2,398
Consumption	(1)	(1)	1,650	2,110	2,361	1,498	1,604
World production (estimate)	3,848	6,238	6,200	11,920	14,309	13,663	14,042
Ferromanganese:							
Domestic production	308	515	720	870	964	637	629
Imports for consumption	[2] 49	12	110	65	338	64	90
Exports	[3] 7	[3] 15	1	2	7	1	1
Consumption	(1)	(1)	775	934	936	674	756
Spiegeleisen:							
Domestic production	98	114	42	(4)	(4)	(4)	(4)
Imports for consumption	15	17	9	----	----	----	----
Exports	(3)	(3)	(3)	----	(5)	1	(5)
Consumption	(1)	(1)	76	70	54	37	41

[1] Not available. [2] Manganese content; gross weight not reported.
[3] Exports of speigeleisen included with those of ferromanganese.
[4] Bureau of Mines not at liberty to publish. [5] Less than 500 short tons.

No. 1024. Chromite—Summary: 1930 to 1960

[**Quantities in thousands of short tons; values in thousands of dollars.** Domestic production (shipments) includes Alaska. Imports and exports include Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 213-214]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Total supply	366	740	1,304	1,987	2,449	1,407	1,648	1,489
Domestic production (shipments)	(1)	3	(1)	153	166	144	105	107
Value	2	29	(2)	6,644	7,815	6,187	3,765	3,813
Imports for consumption	366	737	1,304	1,834	2,283	1,263	1,554	1,387
Value	3,513	8,755	23,299	38,063	55,674	28,206	31,926	24,239
Consumption by industry	(2)	563	980	1,584	1,760	1,221	1,337	1,220
Exports	(2)	(2)	2	1	1	1	11	5
World production (estimate)	600	1,600	2,600	4,020	5,110	4,165	4,350	4,920

[1] Less than 500 short tons.
[2] Not available or Bureau of Mines not at liberty to publish.

No. 1025. Tungsten—Summary: 1930 to 1959

[Includes Alaska through 1955. See also *Historical Statistics, Colonial Times to 1957*, series M 215-216]

ITEM	1930	1940	1950	1955	1957	1959
Production:						
Concentrates, 60 percent WO_3 basis ... short tons	(1)	5,120	4,166	16,636	8,440	(2)
Tungsten content ... 1,000 lb	(1)	4,873	3,965	15,833	8,032	(2)
Shipments from mines:						
Concentrates, 60 percent WO_3 basis ... short tons	702	5,319	4,820	16,412	5,520	3,649
Tungsten content ... 1,000 lb	668	5,062	4,588	15,619	5,254	3,473
Reported value f. o. b. mines ... $1,000	509	6,576	8,171	60,841	8,186	4,502
Average per pound of tungsten ... dollars	.76	1.30	1.78	3.90	1.56	1.30
Imports (tungsten content):						
General ... 1,000 lb	(1)	9,666	8,342	20,789	14,186	6,248
For consumption ... do	3,998	5,611	16,147	20,700	14,018	5,435
Consumption (tungsten content) ... do	4,642	9,955	6,597	8,967	8,544	9,835
Stocks, end of year (tungsten content) [3] ... 1,000 lb	(1)	2,897	5,337	4,025	8,429	(2)
World production (estimate) [4] ... short tons	[5] 18,400	48,100	42,300	82,900	68,000	56,850

[1] Not available.
[2] Withheld to avoid disclosing individual company confidential data.
[3] Producers, consumers, and dealers.
[4] Concentrates, 60 percent WO_3 basis. [5] Excludes U.S.S.R.

Source of tables 1023-1025: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1026. Nickel—Summary: 1930 to 1960

[**In short tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 221-224]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Mine production				4,411	12,900	13,490	13,374	(1)
Plant production:								
Primary	308	554	913	3,807	10,070	11,740	11,606	14,303
Secondary	2,900	4,152	8,795	11,540	12,037	7,411	9,438	(1)
Imports (estimated content) [2]	25,300	83,760	91,347	142,000	140,000	90,000	111,500	88,193
Exports (gross weight) [3]	2,388	11,994	3,645	20,601	13,415	14,032	13,073	54,108
Price per pound [4] ... cents	35	35	40-50.5	64.5	74	74	74	74
World production (estimate)	59,800	144,800	130,000	264,000	315,000	249,000	312,000	(1)

[1] Not available.
[2] Includes metal, ore and matte, oxide powder and oxide sinter, refinery residues (beginning with 1950) and slurry (1957); in addition, through 1940, covers scrap, "bars, rods, tubes, etc.," and nickel-silver.
[3] Through 1950 excludes "Manufactures;" weight not recorded.
[4] Price quoted U.S. buyers by International Nickel Co. Inc., for electrolytic nickel, U.S. duty included: 1930-1940, f. o. b. New York; thereafter, f. o. b. Port Colborne, Ontario.

No. 1027. Molybdenum Concentrates—Summary: 1930 to 1960

[**In thousands of pounds of contained molybdenum.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 217-218]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Production	3,723	34,313	28,480	61,781	60,753	41,069	50,956	68,242
Shipments from mines	3,759	25,329	44,544	64,709	57,143	42,328	51,603	69,946
Average price per pound [1] ... dollars	[2] .73	.75	.91	1.05	1.18	1.19	1.25	1.25
Exports [3]	(4)	6,585	6,235	14,580	25,466	11,966	18,852	30,194
Imports for consumption	145	--------	3	134	27	1	--------	--------
Consumption	(4)	(4)	26,029	38,799	38,954	31,298	37,448	44,784
Stocks (industry), Dec. 31 [5]	(4)	(4)	4,326	2,730	7,093	5,643	4,074	3,481
World production (estimate)	4,200	38,300	32,000	75,000	76,200	57,700	70,300	(4)

[1] Per pound of molybdenum contained. Source: *Engineering and Mining Journal.*
[2] July to December only.
[3] Includes roasted concentrates. [4] Not available.
[5] At mines and at plants making molybdenum products.

No. 1028. Gold and Silver—Summary: 1930 to 1959

[Includes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 246-247, for mine production]

ITEM	1930	1940	1950	1955	1957	1958	1959
Mine production:							
Gold ... 1,000 fine ounces	2,139	4,870	2,394	1,880	1,794	1,739	1,604
Silver ... do	47,725	70,436	42,459	37,198	38,165	34,111	31,194
Value of production:							
Gold ... $1,000	44,211	170,448	83,798	65,805	62,776	60,874	56,133
Silver ... do	18,374	50,088	38,425	33,666	34,541	30,872	28,232
Ore (dry and siliceous) produced: [1]							
Gold ore ... 1,000 short tons	7,767	16,550	3,584	2,234	2,359	2,411	2,289
Gold-silver ore ... do		948	433	120	116	107	137
Silver ore ... do		1,201	627	570	712	639	597
Net industrial consumption:							
Gold ... $1,000	15,178	13,306	97,846	45,500	50,750	64,155	88,270
Silver ... 1,000 fine ounces	26,874	44,499	110,000	101,400	95,400	85,500	101,000
Imports:							
Gold ... $1,000	396,054	4,749,467	162,749	104,592	272,641	290,585	[2] 304,378
Silver ... do	42,761	58,434	110,035	72,932	158,354	132,046	62,744
Exports:							
Gold ... do	115,967	4,995	534,036	7,257	168,332	31,022	1,933
Silver ... do	54,157	3,674	6,202	8,331	11,162	3,719	9,935
Price, average per fine ounce: [3]							
Gold ... dollars	20.67	35.00	35.00	35.00	35.00	35.00	35.00
Silver ... do	.385	.711	.905+	.905+	.905+	.905+	.905+
World production (estimate):							
Gold ... 1,000 fine ounces	20,800	42,300	32,700	36,300	39,600	40,600	42,800
Silver ... do	248,700	275,400	203,300	224,000	230,100	238,500	216,800

[1] Gold and silver are also produced from base-metal ores and placers. In 1959, dry and siliceous ores accounted for 50 percent of gold produced and 45 percent of silver. [2] Excludes coinage.
[3] Treasury buying price, except for silver for 1930 which represents New York price.

Source of tables 1026-1028: Department of the Interior, Bureau of Mines; *Minerals Yearbook.*

No. 1029. Gold and Silver—Production, by States: 1930 to 1959

[Based upon arrivals at U.S. mints and assay offices and private refineries]

STATE	GOLD (1,000 fine ounces)						SILVER (1,000 fine ounces)					
	1930	1940	1945	1950	1955	1959	1930	1940	1945	1950	1955	1959
U.S.	2,101	4,863	916	2,289	1,877	1,635	50,627	68,287	29,046	42,309	36,470	23,000
Alaska	407	757	60	276	253	177	392	173	9	50	35	22
Arizona	149	299	78	111	128	114	4,910	6,130	3,411	5,089	4,600	3,600
California	450	1,444	143	410	248	148	1,434	2,225	950	1,000	600	106
Colorado	218	369	102	124	87	58	4,852	9,378	2,407	3,343	2,510	915
Idaho	21	145	19	69	10	9	9,710	17,477	8,228	15,993	14,000	9,000
Illinois	-------	-------	-------	-------	-------	-------	2	1	2	7	3	2
Michigan	-------	-------	-------	-------	-------	-------	11	90	20	(1)	503	2
Missouri	-------	-------	-------	-------	-------	-------	188	145	20	233	350	203
Montana	47	273	42	57	26	31	8,597	12,152	5,493	7,178	5,829	3,075
Nevada	140	380	91	170	77	124	4,179	5,102	1,156	1,634	834	786
New Mexico	32	39	13	7	2	3	1,160	1,576	654	365	183	138
New York	-------	-------	-------	-------	-------	-------	-------	36	14	33	49	50
Oregon	14	114	1	10	2	1	10	192	12	12	7	1
Pennsylvania	1	2	2	2	2	1	5	14	11	11	11	6
South Dakota	406	587	41	572	527	588	105	171	41	143	153	126
Tennessee	1	(1)	(1)	(1)	(1)	(1)	86	39	35	26	61	79
Texas	(1)	(1)	-------	(1)	-------	-------	469	1,295	21	4	(1)	-------
Utah	209	352	271	392	442	268	14,451	11,686	6,244	6,799	6,270	4,239
Vermont	-------	-------	(1)	(1)	(1)	(1)	5	-------	20	28	50	1
Virginia	-------	(1)	(1)	-------	-------	-------	-------	(1)	9	(1)	2	1
Washington	4	84	53	89	74	112	30	389	288	358	420	636
Wyoming	(1)	1	(1)	(1)	(1)	-------	(1)	(1)	(1)	3	(1)	-------
Other States	1	16	-------	-------	(1)	1	33	15	-------	-------	(1)	12

[1] Less than 500 ounces.

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

No. 1030. Copper—Mine Production, by States: 1930 to 1960

[In short tons of recoverable copper]

STATE	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Total	705,074	878,086	909,343	998,570	1,086,859	979,329	824,846	1,080,169
Alaska	16,326	55	6	1	(1)	5	36	41
Arizona	288,095	281,169	403,301	454,105	515,854	485,839	430,297	538,605
California	13,643	6,438	646	613	945	749	663	1,087
Colorado	5,257	12,152	3,141	4,323	5,115	4,193	2,940	3,247
Idaho	1,556	3,349	2,107	5,618	7,912	9,846	8,713	4,208
Michigan	84,691	45,198	25,608	50,066	58,400	58,005	55,300	56,385
Missouri	88	685	2,982	1,722	1,604	1,429	1,065	1,087
Montana	98,094	126,391	54,478	81,542	91,512	90,683	65,911	91,972
Nevada	54,602	78,454	52,569	78,925	77,750	66,137	57,375	77,485
New Mexico	32,575	69,848	66,300	66,417	67,472	55,540	39,688	67,288
Pennsylvania	-------	-------	4,142	4,110	[2] 7,516	[2] 8,073	[2] 6,604	[2] 7,907
Tennessee	(3)	[4] 12,732	6,851	9,911	9,790	9,109	11,490	12,723
Utah	90,263	231,864	278,630	232,949	237,857	189,184	144,715	218,049
Vermont	-------	-------	3,504	4,305	3,405	475	-------	-------
Washington	603	9,612	5,057	3,958	1,700	52	49	78
Other States	19,282	139	21	5	27	10	-------	7

[1] Less than 1 ton.
[2] Includes North Carolina.
[3] Included in "Other States."
[4] Includes North Carolina and Pennsylvania.

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

No. 1031. Copper—Summary: 1950 to 1960

[**In thousands of short tons, except as indicated.** Production figures include Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 225–231]

ITEM	1950–1954 (avg.)	1955	1957	1958	1959	1960 (prel.)
New (primary) copper produced—						
From domestic ores, as reported by—						
Mines	905	999	1,087	979	825	1,083
Copper ore produced [1]	96,949	112,550	129,716	114,824	103,716	(2)
Average yield of copper, percent	0.86	0.83	0.77	0.79	0.74	(2)
Smelters	909	1,007	1,081	993	799	1,143
Percent of world total	0.29	0.28	0.27	0.25	0.19	(2)
Refineries	914	997	1,050	1,002	796	1,121
From foreign ores, matte, etc., refinery reports	312	345	404	351	302	398
Total new refined, domestic and foreign	1,226	1,342	1,454	1,353	1,098	1,519
Secondary copper produced	922	989	842	797	931	875
Recovered from old scrap only	439	515	444	411	471	425
Imports (unmanufactured) [3]	614	594	594	496	590	522
Refined	278	202	162	128	214	143
Exports of metallic copper [4]	211	260	430	428	196	518
Refined (ingots and bars)	156	200	346	385	159	434
Stocks at end of year (producers)	234	235	383	305	271	359
Refined copper	32	34	109	48	18	98
Blister and materials in solution	202	201	274	257	253	261
Withdrawals (apparent) from total supply on domestic account:						
Total new copper	1,356	1,336	1,239	1,157	1,183	1,148
Total new and old copper (old scrap only)	1,795	1,851	1,683	1,568	1,654	1,573
Price average [5] cents per pound	25.5	37.3	30.1	26.3	30.7	32.0
World smelter production, new copper	3,140	3,630	4,040	3,950	4,170	(2)

[1] Includes old tailings smelted or re-treated. Not comparable with mine production figure shown in that latter includes recoverable copper content of ores not classified as "copper." [2] Not available.

[3] Data are for "general imports," i.e., include copper imported for immediate consumption plus material entering country under bond. Comprises copper in ingots, plates, and bars, ores and concentrates, regulus, blister, and scrap.

[4] Total exports of copper, exclusive of ore, concentrates, composition metal, and unrefined copper. Exclusive also of "Other manufactures of copper," for which quantity figures are not recorded before 1953. Beginning 1955, data not strictly comparable with earlier years, due to changes in classification. Beginning 1958, copper rods not separately classified; included in "Other copper manufactures."

[5] Beginning 1955, exclusive of copper produced abroad and delivered in the United States.

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

No. 1032. Copper—Exports and Imports: 1931 to 1960

[**Quantities in short tons; values in thousands of dollars.** Includes trade of Alaska, Hawaii, and Puerto Rico with foreign countries. 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. Prior to 1952, values include all forms of copper; quantities represent all copper except some "Other copper manufactures" for which quantity data were not reported. For 1952 and subsequent years, export data exclude certain copper manufactures not reported separately]

YEARLY AVERAGE OR YEAR	EXPORTS [1]		IMPORTS [2]		YEAR	EXPORTS [1]		IMPORTS [2]	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1931–1935	246,658	39,920	211,116	29,662	1951	152,476	86,077	539,303	279,498
1936–1940	378,054	87,680	242,530	47,608	1952	195,968	134,035	637,140	411,188
1941–1945	208,423	79,333	780,000	164,752	1953	156,152	95,510	670,484	433,017
1946–1950	169,940	80,734	494,413	186,459	1954	300,709	176,044	603,271	362,670
1951–1955	211,681	136,460	607,547	388,283	1955	253,098	190,634	587,538	455,041
1956–1960	1,825,398	1,142,129	513,486	366,109	1956	276,044	237,420	562,426	501,644
1947	197,114	102,489	452,822	175,829	1957	425,304	264,213	590,667	383,387
1948	209,494	113,563	489,567	203,042	1958	427,311	214,441	436,466	246,314
1949	171,303	75,769	568,835	224,232	1959	181,483	107,068	409,834	297,616
1950	174,274	73,262	605,831	242,810	1960	515,256	318,988	568,037	401,584

[1] Includes shipments under foreign aid programs such as UNRRA, interim aid, European recovery, and mutual security; civilian supply shipments are included in 1948 and subsequent years.

[2] General imports prior to 1933; imports for consumption thereafter.

Source: Department of Commerce, Bureau of the Census; prior to 1947, *Foreign Commerce and Navigation of the United States;* thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1033. Lead—Summary: 1930 to 1959

[In short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 232–238]

ITEM	1930	1940	1950	1955	1957	1958	1959
Smelter production of refined primary lead	643,033	533,179	508,314	479,157	533,533	470,156	340,931
From domestic ores and base bullion [1]	573,740	433,065	418,809	321,132	347,675	269,082	225,270
From foreign ores and base bullion	69,293	100,114	89,505	158,025	185,858	201,074	115,661
Recovery of secondary lead	255,800	260,346	482,275	502,051	489,229	401,787	451,387
Imports: [2]							
Lead in pigs, bars, and old	209	151,568	461,827	284,729	333,492	375,022	271,695
Lead in base bullion	38,630	19,624	3,488	----------	84	460	80
Lead in ores and matte	39,377	111,300	76,520	177,479	198,479	201,599	139,178
Exports of refined pig lead [3]	[4] 48,307	23,755	2,735	403	4,339	1,359	2,756
Estimated consumption of primary and secondary lead	[5] 768,600	[5] 782,000	1,237,981	1,212,644	1,138,115	986,387	1,091,149
Prices (cents per pound):							
New York average	5.52	5.18	13.30	15.14	14.66	12.11	12.21
London average	3.92	([6])	13.29	12.19	12.05	9.13	8.88
Mine production of recoverable lead [7]	558,313	457,392	430,827	338,025	338,216	267,377	255,586
World smelter production (estimate)	1,869,000	1,936,000	1,850,000	2,250,000	2,510,000	2,500,000	2,420,000

[1] Excludes lead content of antimonial lead.
[2] Data are "general imports," i.e., include lead imported for immediate consumption plus material entering country under bond.
[3] Pigs, bars and anodes.
[4] Represents pigs, bars, and old.
[5] Source: American Bureau of Metal Statistics.
[6] Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.
[7] Includes Alaska.

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

No. 1034. Lead, Recoverable—Mine Production, by States: 1930 to 1960

[In short tons]

STATE	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Total	558,313	457,392	430,827	338,025	338,216	267,377	255,586	243,942
Western States	312,413	244,974	257,803	182,461	190,331	142,824	142,326	121,435
Alaska	1,365	779	149	1	9	2	----------	----------
Arizona	4,246	13,266	26,383	9,817	12,441	11,890	9,999	8,600
California	1,780	1,772	15,831	8,265	3,458	140	227	340
Colorado	22,130	11,476	27,007	15,805	21,003	14,112	12,907	18,650
Idaho	134,058	104,834	100,025	64,163	71,637	53,603	62,395	41,080
Montana	10,653	23,036	19,617	17,028	13,300	8,434	7,672	4,860
Nevada	11,529	7,499	9,408	3,291	5,979	4,150	1,357	1,080
New Mexico	10,378	3,822	4,150	3,296	5,204	1,117	829	2,200
Utah	115,495	75,688	44,753	50,452	44,471	40,355	35,630	37,400
Washington	576	2,555	10,334	10,340	12,734	[1] 9,021	10,310	7,225
Other	203	247	146	3	5	----------	----------	----------
Central States	237,533	207,587	168,173	151,528	143,066	121,040	110,009	119,273
Kansas	12,910	11,927	9,487	5,498	4,257	1,299	481	820
Missouri	199,632	172,052	134,626	125,412	126,345	113,123	105,165	112,687
Oklahoma	23,052	21,240	20,724	14,126	7,183	3,692	601	1,166
Other	1,939	2,368	3,336	6,492	5,281	2,926	3,762	4,600
Eastern States	8,367	4,831	4,851	4,036	4,819	3,513	3,251	3,234
New York	8,367	1,973	1,484	1,037	1,667	579	481	710
Tennessee		573	113	----------	----------	----------	----------	----------
Virginia		2,285	3,254	[2] 2,999	[2] 3,152	2,934	2,770	[2] 2,524

[1] Oregon included with Washington to avoid disclosure of individual operations.
[2] Includes North Carolina, 2 tons in 1955, 9 in 1957, and 370 in 1960.

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

No. 1035. Zinc—Production and Prices: 1930 to 1960

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series M 239–240, for production]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Smelter production of primary slab zinc, total ..... short tons	498,045	675,275	843,467	963,504	985,796	781,246	798,666	820,213
Value $1,000	47,812	85,085	240,051	236,829	229,493	159,687	183,214	211,615
Source:								
From domestic ores ..... short tons	489,361	589,988	588,291	582,913	539,692	346,240	348,443	(1)
From foreign ores ..... do	8,684	85,287	255,176	380,591	446,104	435,006	450,223	(1)
Method:								
Electrolytic ..... percent of total	26	28	41	40	42	42	35	39
Distilled ..... do	74	72	59	60	58	58	65	61
Production of redistilled secondary slab zinc ..... short tons	[2] 34,849	48,917	66,970	66,042	72,481	46,605	57,818	47,416
Average price of common zinc at—								
East St. Louis ..... cents per pound	4.56	6.34	13.88	12.30	11.40	10.31	11.46	12.9
London [3] ..... do	3.60	(1)	14.89	11.30	10.18	8.24	10.27	11.1
Mine production of recoverable zinc ..... short tons	595,425	665,068	623,375	514,671	531,735	412,005	425,303	432,442
Arizona	815	15,456	60,480	22,684	33,905	28,532	37,325	36,300
California	----------	79	7,551	6,836	2,969	51	78	250
Colorado	36,259	5,060	45,776	35,350	47,000	37,132	35,388	31,300
Idaho	37,649	70,601	87,890	53,314	57,831	49,725	55,699	37,240
Illinois	9	4,818	26,982	21,700	22,185	24,940	26,815	28,300
Kansas	74,304	57,032	27,176	27,611	15,859	4,421	1,017	1,862
Missouri	10,811	12,703	8,189	4,476	2,951	362	92	2,497
Montana	26,421	52,587	67,678	68,588	50,520	33,238	27,848	11,800
Nevada	14,584	11,833	21,606	2,670	5,292	91	217	400
New Jersey	97,626	91,406	55,029	11,643	12,530	607	----------	----------
New Mexico	32,765	30,313	29,263	15,277	32,680	9,034	4,636	13,800
New York	22,471	35,686	38,321	53,016	64,659	53,014	43,464	66,619
Oklahoma	136,153	162,935	46,739	41,543	14,951	5,267	1,049	2,588
Pennsylvania	----------	----------	----------	----------	----------	10,812	16,718	13,746
Tennessee	[4] 48,147	34,796	35,326	40,216	58,063	59,130	89,932	90,608
Utah	44,495	43,788	31,678	43,556	40,846	44,982	35,223	34,100
Virginia	(4)	16,927	12,396	18,329	23,080	18,472	20,334	19,862
Washington	352	11,560	14,807	29,536	24,000	18,797	17,111	21,220
Wisconsin	12,558	5,770	5,722	18,326	21,575	12,140	11,635	19,200
Other States [5]	6	1,718	766	----------	839	1,258	722	750
World smelter production (estimate) ..... 1,000 short tons	1,536	1,786	2,170	2,930	3,240	2,990	3,140	(1)

[1] Not available.
[2] Includes small quantity of secondary electrolytic zinc.
[3] Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.
[4] Virginia included with Tennessee. [5] Includes Alaska.

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

No. 1036. Tin—Summary: 1930 to 1960

[**In long tons.** Production figures for domestic mines include Alaska; imports and exports include Alaska, Hawaii, and Puerto Rico]

ITEM	1930	1940	1945	1950	1955	1959	1960 (prel.)
Production:							
Domestic mines	15	49	----------	94	99	50	8
Domestic smelters [1]	----------	1,391	40,475	33,118	22,329	(2)	(2)
Secondary sources	23,393	29,700	31,400	31,680	28,340	23,410	22,675
Imports for consumption:							
Metal	80,734	124,810	8,493	82,838	64,815	43,493	39,489
Ore (tin content)	289	3,000	33,479	25,960	20,112	10,773	13,976
Exports (domestic and foreign)	2,233	[3] 2,664	882	799	1,107	1,371	857
Monthly price of Straits tin at New York [4] average, cents per pound	31.70	49.82	[5] 52.00	95.56	94.73	102.01	101.4
Consumption	[6] 78,501	97,154	83,583	104,464	[7] 90,483	77,373	80,350
World mine production (estimate) [8]	176,000	238,300	87,000	169,300	197,200	161,400	179,600

[1] Includes tin content of ores used to make alloys.
[2] Withheld to avoid disclosure of individual company data.
[3] Foreign only, domestic not separately recorded.
[4] Source: *American Metal Market.* [5] Ceiling price.
[6] Apparent consumption, primary only. [7] Includes plant losses.
[8] Excludes production of U.S.S.R.

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

No. 1037. Bauxite—Summary: 1930 to 1960

[**Quantities in thousands of long tons; values in thousands of dollars.** Beginning 1960, includes Alaska and Hawaii, except imports and exports which include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 249, for production]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Production:								
Crude ore	--------	510	1,585	2,139	1,702	1,584	2,029	2,409
Dried-bauxite equivalent	--------	439	1,335	1,788	1,416	1,311	1,700	1,998
Value	--------	1,754	7,693	14,543	12,868	12,815	17,725	21,107
Shipments: [1]								
Gross weight [2]	--------	--------	1,452	2,012	2,071	1,649	1,890	1,925
Dried-bauxite equivalent	--------	--------	1,337	1,727	1,758	1,406	1,641	1,654
Value	--------	--------	9,549	15,559	17,148	15,003	18,638	19,559
Imports (crude and dried), quantity [3]	410	630	2,516	4,882	7,098	7,915	8,149	8,744
Value	1,996	4,299	15,730	36,656	60,933	70,107	73,549	78,065
Exports, quantity [2]	105	82	45	14	61	12	17	29
Value	3,777	1,543	1,156	528	4,847	968	1,825	2,588
World production (estimate)	1,603	4,321	8,050	17,500	20,150	21,020	22,600	27,060

[1] Shipments from mines and processing plants to consumers. [2] As shipped.
[3] Beginning 1955, import figures adjusted to dry equivalent for Jamaican, Haitian, and Dominican Republic bauxite. Other imports on "as shipped" basis.

No. 1038. Aluminum—Summary: 1930 to 1960

[**Quantities in short tons; values in thousands of dollars.** Beginning 1960, includes Alaska and Hawaii, except imports and exports which include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 251–255]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Total production	153,119	286,642	962,288	1,901,715	2,009,528	1,855,112	2,314,039	2,343,758
Value	68,138	104,624	316,046	830,800	1,020,748	916,709	1,131,122	1,198,325
Primary aluminum:								
Production	114,519	206,280	718,622	1,565,721	1,647,709	1,565,557	1,954,112	2,014,498
Value	50,961	75,292	235,977	684,038	836,944	773,610	955,190	1,030,007
Price per pound (cents) [1]	23.8	18.7	17.7	23.7	27.5	26.9	26.9	26.0
Secondary aluminum:								
Production (recovered) [2]	38,600	80,362	243,666	335,994	361,819	289,555	359,927	329,260
From old scrap	38,600	45,806	76,358	76,372	72,459	64,127	78,006	62,668
From new scrap		34,556	167,308	259,622	289,360	225,428	281,921	266,592
Value [3]	17,177	29,332	80,069	146,762	183,804	143,099	175,932	168,318
Imports, quantity [4]	12,731	18,084	255,692	239,475	258,006	293,190	301,528	196,425
Value [5]	4,690	4,737	67,533	105,061	127,831	140,450	149,427	103,278
Exports, quantity [4]	8,665	27,841	23,236	33,834	62,552	82,470	163,820	383,929
Value [5]	3,916	17,919	13,345	19,692	36,921	43,138	76,977	174,414
Total apparent consumption	108,601	305,870	1,200,493	2,111,224	2,136,526	2,092,152	2,488,315	2,015,454
World production (estimate)	297,000	868,000	1,640,000	3,460,000	3,725,000	3,875,000	4,500,000	5,010,000

[1] As quoted. 99+ percent virgin ingot. The use of the term "pig" was discontinued in August 1960. The former pig price is now applied to ingot. Source: *American Metal Market*.
[2] Through 1950, recoverable aluminum-alloy content; thereafter, recoverable aluminum content.
[3] 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*.
[4] Crude and semi-crude (including metal and alloys, plates, bars, etc., and scrap).
[5] Beginning 1955, not comparable with previous years.

No. 1039. Magnesium—Summary: 1930 to 1960

[**In short tons.** Beginning 1960, includes Alaska and Hawaii, except imports and exports which include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 256–258, for production]

ITEM	1930	1940	1950	1955	1957	1958	1959	1960 (prel.)
Production:								
Primary magnesium, ingot equivalent	587	6,261	15,726	61,135	81,263	30,096	31,033	40,070
Secondary magnesium, ingot equivalent	--------	(1)	9,476	10,246	10,658	8,707	10,090	10,348
Average price per pound, primary (quoted) cents	48.0	27.0	22.0	29.5	35.25	35.25	35.25	35.25
Exports:								
Metal and alloys in crude form and scrap	(1)	859	586	8,230	1,219	[2] 207	[2] 1,601	4,467
Semifabricated forms, powder, etc	(1)	(1)	322	[3] 250	[3] 377	[2] 845	[2] 788	665
Imports, metallic and scrap	3	--------	843	1,844	982	537	593	401
Domestic consumption	(1)	[4] 5,766	18,051	46,463	44,442	35,352	41,551	37,100
World primary production (estimate)	(1)	42,000	50,000	132,000	128,700	78,500	82,500	104,100

[1] Not available.
[2] Beginning 1958, some material formerly included with metals and alloys in crude form and scrap included with semifabricated forms, etc.
[3] Not strictly comparable with earlier years.
[4] Primary and secondary. Other years primary only.

Source of tables 1037–1039: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

FIG. XLII. VALUE OF NEW CONSTRUCTION: 1940 TO 1960

[See table 1040. Beginning 1959, data not comparable with earlier years]

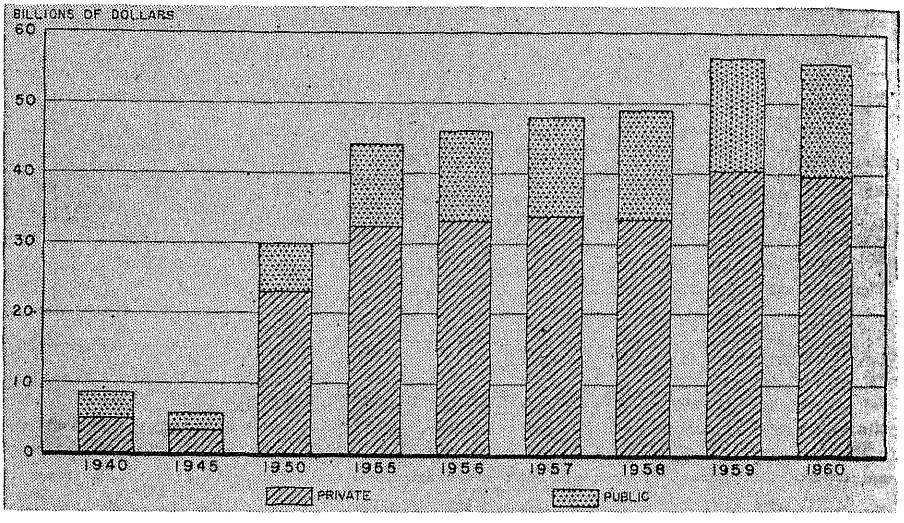
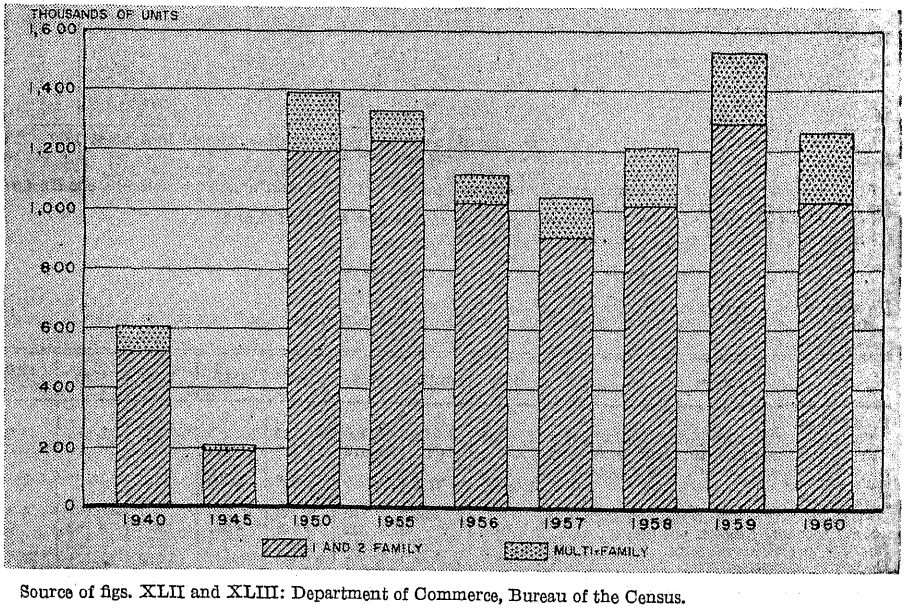


FIG. XLIII. NEW NONFARM HOUSING UNITS STARTED: 1940 TO 1960

[See table 1057. Beginning 1959, data not comparable with earlier years]



Source of figs. XLII and XLIII: Department of Commerce, Bureau of the Census.

Section 29

Construction and Housing

This section presents various measures of construction activity and costs; housing units; housing values, facilities, and structural characteristics; and residential financing.

The principal sources of these data are the monthly *Construction Reports: Housing Starts* and *Construction Activity—Value of New Construction Put in Place,* published by the Bureau of the Census, which compiles data on the number of housing units started and the value of construction activity; the monthly *Construction Review,* a publication of the Business and Defense Services Administration, which publishes data compiled by the Bureau of the Census on the value of construction contract awards, the value of construction put in place, cost and seasonal indexes, housing starts, vacancy rates, building permits, and construction materials production, shipment and inventories, and also assembles data from other sources on construction materials and prices, wage rates and employment; the reports of the decennial Census of Housing (1960 most recent), and the *National Housing Inventory: 1956.* Other sources which specialize in particular types of construction or housing statistics are: The monthly *Dodge Construction Statistics Services* of F. W. Dodge Corporation, which present State data on construction contracts; the *Engineering News-Record* issued weekly by the McGraw-Hill Publishing Company, Inc., which contains figures on contract awards and construction costs; the *Annual Report* of the Housing and Home Finance Agency which offers public housing statistics from its Public Housing Administration and other agencies; and the *Annual Report* of the Federal Home Loan Bank Board which presents home mortgage data. Monthly data on the characteristics of vacant housing units are also collected by the Bureau of the Census and are presented quarterly in its *Current Housing Reports.*

Construction.—Monthly estimates of the value of construction put in place are prepared by the Bureau of the Census and published in *Construction Activity—Value of New Construction Put in Place.* Construction estimates for buildings such as stores, warehouses, and factories are based on F. W. Dodge Corporation reports of construction contracts, supplemented by building permit data. Public utility construction estimates are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations and organizations such as the American Gas Association, the American Transit Association, the Edison Electric Institute, and the American Telephone and Telegraph Company.

Statistics for most types of State and local governmental construction are derived from data compiled by the F. W. Dodge Corporation, supplemented by reports issued by numerous construction news services such as the *Engineering News-Record* and from official reports issued by State and local government agencies. Estimates of Federally financed construction, and of Federally aided construction programs, and State and local highway construction are derived by the Bureau of the Census from the reports of the responsible Federal agencies. Estimates of private residential construction activity, including number of housing units started, by type of structure, and average construction costs, are based primarily upon reports, compiled by the Bureau of the Census, of building permits issued, supplemented by field surveys on a sample basis to measure the relationship between permit-issuance and start of construction and to obtain estimates of housing starts in nonpermit areas.

Housing.—The first Census of Housing was taken in 1940, although some housing data were collected by the Bureau of the Census in earlier years in conjunction with Censuses of Population and Agriculture. Housing data were collected in sample surveys by the Bureau of the Census in October 1944, November 1945, April 1947, and May 1948 as part of the Current Population Survey (see page 1 for discussion of Survey). A second Census of Housing was taken in 1950. In 1955, a monthly vacancy survey was begun. Results from this survey are issued on a quarterly basis. Data on home ownership were collected in the Current Population Survey of February 1956. The 1956 National Housing Inventory, conducted on a sample basis by the Bureau of the Census, provides measurements of the housing supply for the country as a whole and for nine large metropolitan areas. Results of the inventory show the number and characteristics of dwelling units in existence in 1956, as well as the gains and losses through new construction, conversion, and withdrawals since 1950. The most recent Census of Housing was taken as of April 1, 1960.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other persons in the structure, and when there is either (1) direct access from the outside or through a common hall, or (2) a kitchen or cooking equipment for the exclusive use of the occupants. Transient accommodations (tourist courts, hotels, etc.), barracks for workers (railroad, construction, etc.), and institutional-type quarters are not included in the housing-unit inventory.

In the 1950 Census, the unit of enumeration was the dwelling unit. Although the definition of the housing unit in 1960 is essentially similar to that for the dwelling unit in 1950, the housing unit definition was designed to encompass all private living quarters, whereas the dwelling unit definition did not completely cover all private living accommodations. However, the count of housing units in the 1960 Census may be considered comparable with the count of dwelling units in the 1950 Census.

Residential financing.—Statistics on residential financing were collected on a sample basis as part of the 1950 Census of Housing. The survey covered nonfarm residential mortgaged properties, both owner and rental. The data are expressed in terms of mortgaged properties, number of mortgages, and outstanding mortgage debt. Construction mortgages were excluded. As part of the 1956 National Housing Inventory, data were collected on the financing of owner-occupied nonfarm properties, including owner and property characteristics for mortgaged and nonmortgaged properties, and mortgage characteristics for mortgaged properties.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Federal Housing Administration compiles from its records data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc. The Veterans Administration also compiles from its records data on amounts and types of loans.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series N 1–28") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 1040. Value of Private and Public Construction: 1929 to 1960

[**In millions of dollars.** New series includes Alaska and Hawaii. New series differs from old in that it reflects differences due to the new series for housing starts (see headnote, table 1057), and the new series of private residential additions and alterations (based on a new quarterly survey by the Bureau of the Census), and in that it incorporates a revision of the farm construction estimates of the Deparment of Agriculture. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed value of equipment which is integral part of structure but not that of machinery, shipbuilding, or land costs. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 1–28]

TYPE OF CONSTRUCTION	OLD SERIES												NEW SERIES	
	1929	1930	1933	1935	1940	1945	1950	1955	1956	1957	1958	1959	1959	1960
Total	**14,994**	**12,615**	**5,357**	**7,377**	**12,801**	**11,905**	**42,031**	**60,007**	**62,793**	**65,765**	**66,663**	**73,391**	**75,914**	(1)
New construction	10,793	8,741	2,879	4,232	8,682	5,809	29,947	44,164	45,815	47,845	48,950	54,109	56,555	55,556
Private	8,307	5,883	1,231	1,999	5,054	3,411	23,081	32,440	33,067	33,766	33,493	38,002	40,344	39,603
Residential (nonfarm)	3,625	2,075	470	1,010	2,985	1,276	14,100	18,705	17,677	17,019	18,047	22,331	24,962	22,546
Nonresidential buildings [2]	[3] 2,694	[3] 2,003	406	472	1,025	1,020	3,904	7,611	8,817	9,556	8,675	8,824	8,859	10,168
Industrial	949	532	176	158	442	642	1,062	2,399	3,084	3,557	2,382	2,098	2,106	2,851
Office buildings and warehouses	619	596	44	75	91	56	529	1,311	1,684	1,893	2,013	1,946	1,954	2,121
Stores, restaurants, and garages	516	297	86	136	257	147	886	1,907	1,947	1,671	1,576	1,968	1,976	2,059
Other nonresidential buildings	610	578	100	103	235	175	1,427	1,994	2,102	2,435	2,704	2,812	2,823	3,137
Farm construction	307	193	49	126	240	267	1,635	1,600	1,560	1,578	1,495	1,651	1,308	1,285
Residential	147	107	29	61	145	100	763	750	730	738	699	772	425	441
Service buildings	160	86	20	65	95	167	872	850	830	840	796	879	883	844
Public utilities	1,578	1,527	261	363	771	827	3,330	4,363	4,893	5,414	5,087	4,990	5,008	5,323
Railroad	510	521	94	116	167	264	315	374	427	406	258	251	251	285
Electric light and power [4]	350	377	59	87	311	245	1,268	1,767	1,845	2,100	2,250	2,072	2,080	2,058
Manufactured and natural gas	185	181	35	48	91	141	1,102	1,247	1,400	1,650	1,500	1,600	1,606	1,767
Telephone and telegraph	354	333	45	52	122	117	440	805	1,066	1,068	904	947	951	1,088
Other public utilities [5]	179	115	28	60	80	60	205	170	155	190	175	120	120	125
All other private	103	85	45	28	33	21	112	161	120	199	189	206	207	281
Public	2,486	2,858	1,648	2,233	[6] 3,628	2,398	6,866	11,724	12,748	14,079	15,457	16,107	16,211	15,953
Residential	----	----	----	9	200	80	345	266	292	506	846	960	962	716
Nonresidential buildings	659	660	230	328	615	937	2,387	4,196	4,076	4,507	4,653	4,499	4,514	4,792
Industrial	(3)	(3)	2	2	164	755	224	721	453	473	408	368	368	407
Educational	389	364	52	153	156	59	1,133	2,442	2,556	2,825	2,875	2,646	2,656	2,818
Hospital and institutional	101	118	49	38	54	85	499	300	300	354	390	427	428	400
Other nonresidential buildings	169	178	127	135	241	38	531	733	767	855	980	1,058	1,062	1,167
Military facilities	19	29	36	37	385	690	177	1,287	1,360	1,287	1,402	1,441	1,488	1,386
Highways	1,266	1,516	847	845	1,302	398	2,134	3,861	4,431	4,954	5,545	5,842	5,870	5,464
Sewer and water systems	253	343	95	175	338	97	659	1,085	1,275	1,344	1,387	1,462	1,467	1,487
Conservation and development	115	137	359	700	528	130	942	701	826	971	1,019	1,126	1,130	1,221
All other public	174	173	81	139	260	66	222	328	488	510	605	777	780	887
Maintenance and repair	4,201	3,874	2,478	3,145	[6] 4,119	6,096	12,084	15,843	16,978	17,920	17,713	19,282	19,359	(1)

[1] Not available.
[2] Excludes building by privately owned public utilities.
[3] Public industrial and commercial building not segregable from private construction; amount believed negligible.
[4] Includes construction with REA funds.
[5] Local transit and petroleum pipelines.
[6] Includes work-relief construction.

Source: 1929–1957, Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Services Administration; *Construction Volume and Costs, 1915–1956*, a Statistical Supplement to *Construction Review* (a joint publication) and *Value of New Construction Put in Place, 1945–1958* (revised June 1959); beginning 1958, Department of Commerce, Bureau of the Census; *Construction Reports*, Series C 30.

No. 1041. Value of New Private and Public Construction in 1947–49 Prices, and Index of Physical Volume: 1929 to 1960

[**In millions of dollars.** New series includes Alaska and Hawaii. For difference between old and new series, see headnote, table 1040. For description and computation of the various indexes used in the derivation of constant values, see source. Represents value of construction put in place. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 29–54]

TYPE OF CONSTRUCTION	OLD SERIES												NEW SERIES	
	1929	1930	1933	1935	1940	1945	1950	1955	1956	1957	1958	1959	1959	1960
New construction, total	20,853	17,440	6,631	9,081	16,767	8,681	27,972	35,335	34,731	35,003	35,477	38,393	40,155	38,744
Index of physical volume (1947–49=100) [1]	*96*	*81*	*31*	*42*	*78*	*40*	*129*	*163*	*160*	*162*	*164*	*178*	*178*	*171*
Private	16,413	12,047	3,223	4,841	10,124	5,034	21,396	25,661	24,827	24,475	23,981	26,541	28,223	27,153
Residential (nonfarm)	7,250	4,261	1,237	2,506	5,913	1,813	13,019	15,078	13,648	12,903	13,555	16,238	18,152	16,137
Nonresidential buildings [2]	[3] 5,664	[3] 4,475	1,199	1,255	2,221	1,639	3,692	6,007	6,594	6,805	6,046	5,966	5,990	6,755
Industrial	2,081	1,307	510	395	918	999	1,004	1,941	2,306	2,506	1,679	1,451	1,457	1,965
Office buildings and warehouses	1,146	1,114	106	167	171	86	522	1,054	1,294	1,389	1,417	1,326	1,331	1,409
Stores, restaurants, and garages	1,117	697	270	394	593	252	828	1,472	1,441	1,186	1,085	1,312	1,317	1,338
Other nonresidential buildings	1,320	1,357	313	299	539	302	1,338	1,540	1,553	1,724	1,865	1,877	1,885	2,043
Farm construction	622	409	139	314	574	378	1,583	1,345	1,261	1,248	1,173	1,257	989	964
Residential	306	232	85	158	355	144	741	643	599	600	565	603	332	340
Service buildings	316	177	54	156	219	234	842	702	662	648	608	654	657	624
Public utilities	2,687	2,742	546	709	1,353	1,177	3,001	3,118	3,243	3,391	3,090	2,956	2,968	3,136
Railroad	835	898	194	232	313	352	299	297	317	287	181	169	169	189
Telephone and telegraph	529	548	93	100	225	167	402	612	756	743	627	641	644	719
Other public utilities	1,323	1,296	259	377	815	658	2,300	2,209	2,170	2,361	2,282	2,146	2,155	2,228
All other private	190	160	102	57	63	27	101	113	81	128	117	124	124	161
Public	4,440	5,393	3,408	4,240	6,643	3,647	6,576	9,674	9,904	10,528	11,496	11,852	11,932	11,591
Residential	------	------	------	22	395	115	321	213	225	383	637	701	702	512
Nonresidential buildings	1,427	1,549	708	924	1,322	1,528	2,238	3,274	3,017	3,193	3,214	3,010	3,021	3,132
Industrial	(3)	(3)	6	5	337	1,212	212	588	339	333	289	254	254	282
Educational	842	854	157	432	333	101	1,061	1,888	1,891	2,003	1,982	1,768	1,775	1,834
Hospital and institutional	219	277	150	107	125	148	468	232	220	250	267	284	285	259
Other nonresidential	366	418	395	380	527	67	497	566	567	607	676	704	707	757
Military facilities	37	60	90	85	780	1,060	171	1,063	1,059	955	1,028	1,037	1,071	986
Highways	1,978	2,548	1,567	1,448	2,409	526	2,222	3,634	3,879	4,199	4,773	5,123	5,149	4,893
Sewer and water systems	466	645	205	335	531	140	590	769	859	865	857	867	870	858
Public service enterprises	278	303	131	124	196	80	141	157	240	232	261	311	313	371
Conservation and development	212	258	684	1,200	830	186	839	497	556	625	633	667	670	701
All other public	42	30	23	102	180	12	54	67	69	76	93	136	136	138

[1] Indexes for the new series are based on the assumption that the change in the new series from the 1947–49 base period to 1959 is the same as the change in the old series in that period.
[2] Excludes building by privately owned public utilities.
[3] Public industrial and commercial building not segregable from private construction; amount believed negligible.

Source: 1929–1957, Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Services Administration: *Construction Volume and Costs, 1915–1956*, a Statistical Supplement to *Construction Review* (a joint publication) and *Value of New Construction Put in Place, 1945–1958* (revised June 1959); beginning 1958, Department of Commerce, Bureau of the Census, *Construction Reports*, Series C 30.

No. 1042. Value of New Construction, by Type, for Selected Months: 1959 to 1961

[In millions of dollars. Includes Alaska and Hawaii. New series; see headnote, table 1040]

Type of construction	1959					1960					1961, Apr.
	Apr.	June	Aug.	Oct.	Dec.	Apr.	June	Aug.	Oct.	Dec.	
New construction, total	**4,414**	**5,302**	**5,469**	**5,139**	**4,436**	**4,316**	**5,158**	**5,205**	**5,016**	**4,482**	**4,264**
Private	3,106	3,676	3,865	3,693	3,281	3,154	3,657	3,556	3,463	3,170	3,001
Residential (nonfarm)	1,965	2,323	2,430	2,298	1,938	1,858	2,195	2,031	1,897	1,698	1,657
New housing units	1,493	1,758	1,866	1,778	1,508	1,281	1,476	1,524	1,443	1,267	1,177
Additions and alterations	415	500	494	453	359	509	641	426	372	340	(1)
Nonhousekeeping	57	65	70	67	71	68	78	81	82	91	92
Nonresidential buildings	632	774	826	789	805	754	844	884	929	925	789
Industrial	154	169	186	184	216	223	224	237	255	264	235
Commercial	277	367	371	350	340	301	356	360	386	387	318
Office buildings and warehouses	150	165	176	166	170	157	171	184	192	201	174
Stores, restaurants, and garages	127	202	195	184	170	144	185	176	194	186	144
Other nonresidential buildings	201	238	269	255	249	230	264	287	288	274	236
Religious	67	79	90	86	83	75	83	92	93	86	73
Educational	41	42	45	44	46	43	45	50	52	50	46
Hospital and institutional	45	48	50	49	49	47	47	50	55	57	55
Social and recreational	36	51	57	52	49	49	65	71	67	60	45
Miscellaneous	12	18	27	24	22	16	24	24	21	21	17
Farm construction	97	121	135	116	100	100	117	126	111	87	108
Public utilities	399	441	455	470	416	423	477	489	499	437	425
Telephone and telegraph	78	83	79	87	85	91	104	97	97	86	77
Other public utilities	321	358	376	383	331	332	373	392	402	351	348
All other private	13	17	19	20	22	19	24	26	27	23	22
Public	1,308	1,626	1,604	1,446	1,155	1,162	1,501	1,649	1,553	1,312	1,263
Residential	96	87	69	62	60	61	60	58	60	59	69
Nonresidential buildings	394	414	417	374	326	381	426	448	448	391	433
Industrial	30	32	30	34	33	32	34	31	34	36	45
Educational	231	244	241	219	192	223	249	263	266	234	253
Hospital and institutional	40	39	40	35	31	34	36	36	34	31	31
Other nonresidential buildings	93	99	106	86	70	92	107	118	114	90	104
Military facilities	128	163	135	121	110	93	135	141	148	122	118
Highways	422	631	643	591	410	342	552	645	558	470	339
Sewer and water systems	116	129	144	128	115	124	130	139	128	112	130
Public service enterprises	38	55	67	52	37	45	59	78	66	43	46
Conservation and development	92	125	107	100	84	97	119	117	121	95	100
All other public	22	22	22	18	13	19	20	23	24	20	28

[1] New series value not available. Old series value included in totals.

Source: Department of Commerce, Bureau of the Census; *Construction Report*, Series C 30.

No. 1043. Value of New Public Construction, by Source of Funds, Ownership, and Type: 1950 to 1960

[In millions of dollars. New series includes Alaska and Hawaii. For difference between old and new series, see headnote, table 1040. For old series, see also *Historical Statistics, Colonial Times to 1957*, series N 55-58, for source of funds]

Source of funds, ownership, and type of construction	Old series						New series	
	1950	1955	1956	1957	1958	1959	1959	1960
New public construction, total	**6,866**	**11,724**	**12,748**	**14,079**	**15,457**	**16,107**	**16,211**	**15,953**
Federal funds	2,087	3,567	3,638	4,307	5,518	6,482	6,545	6,118
Direct Federal	1,625	2,777	2,742	2,993	3,388	3,708	3,755	3,665
Federal grants-in-aid [1]	462	790	896	1,314	2,130	2,774	2,790	2,453
State and local funds	4,779	8,157	9,110	9,772	9,939	9,625	9,666	9,835
Federally owned	1,625	2,777	2,742	2,993	3,388	3,708	3,755	3,665
Residential	15	2	17	155	357	488	488	288
Nonresidential buildings	499	802	583	600	607	660	660	736
Industrial	224	721	453	473	408	368	368	407
Educational	--------	6	8	8	11	11	11	20
Hospital	146	22	37	45	35	58	58	56
Other nonresidential	129	53	85	74	153	223	223	253
Military facilities	177	1,287	1,360	1,287	1,402	1,441	1,488	1,386
Highways	46	78	93	119	114	93	93	113
Conservation and development	881	598	675	818	885	981	981	1,051
All other federally owned	7	10	14	14	23	45	45	91
State and locally owned	5,241	8,947	10,006	11,086	12,069	12,399	12,456	12,288
Residential	330	264	275	351	489	472	474	428
Nonresidential buildings	1,888	3,394	3,493	3,907	4,046	3,839	3,854	4,056
Educational	1,133	2,436	2,548	2,817	2,864	2,635	2,645	2,798
Hospital	353	278	263	309	355	369	370	344
Other nonresidential	402	680	682	781	827	835	839	914
Highways	2,088	3,783	4,338	4,835	5,431	5,749	5,777	5,351
Sewer and water systems	659	1,085	1,275	1,344	1,387	1,462	1,467	1,487
All other State and locally owned	276	421	625	649	716	877	884	966

[1] Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports,s and miscellaneous community facilities.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Busines and Defense Services Administration, *Construction Review*.

No. 1044. Building Permit Activity—Value of Private Construction, by Type of Construction: 1959 and 1960

[**In millions of dollars.** Includes Alaska and Hawaii. New series; differs from old series in table 1045. Old series covers private and public construction in approximately 7,000 places; new series covers private construction only, in 3,014 of the generally more active permit-issuing places, selected from the presently known total of about 10,000 places having building permit systems]

TYPE OF CONSTRUCTION	1959	1960
Total	**19,881**	**17,827**
New housing units	12,379	10,302
1-Family	10,487	8,480
2- to 4-family	1,892	460
5-or-more-family		1,362
Nonhousekeeping	429	148
New nonresidential buildings	5,176	5,478
Industrial buildings	923	932
Office buildings	915	969
Service stations and repair garages	(1)	114
Stores and other mercantile buildings	1,117	1,070
Religious buildings	486	444
Educational buildings	(1)	437
Hospitals and other institutional buildings	(1)	337
Amusement buildings	(1)	193
Residential garages	198	172
All other nonresidential buildings	(1)	810
Additions and alterations	1,897	1,899

[1] Not shown separately but included in new nonresidential buildings total.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1045. Building Permit Activity—Value by Class of Construction and Ownership: 1954 to 1959

[**In millions of dollars.** Excludes Alaska and Hawaii. Old series, not comparable with new series in table 1044; for differences between old and new series, see headnote, table 1044. Covers building activity in approximately 7,000 urban and rural-nonfarm localities having building-permit systems. Such localities include about 80 percent of the nonfarm population of the country, according to the 1950 Census. Compiled from estimates of construction costs made by prospective builders when applying for permits to build, and value of contracts awarded by the Federal Government. State and local government construction is reported by local officials

CLASS OF CONSTRUCTION	1954	1955	1956	1957	1958	1959
All building construction	**16,486**	**18,939**	**18,788**	**18,169**	**20,090**	**22,449**
New housing units	9,856	11,535	10,150	9,229	10,796	12,486
Privately owned	9,696	11,386	9,972	8,939	10,305	12,184
1-family	8,917	10,643	9,222	7,923	8,886	10,321
2- to 4-family	299	292	303	340	419	544
5-or-more-family	481	451	447	676	999	1,319
Publicly owned	159	149	178	290	491	302
Nonhousekeeping buildings	136	161	142	184	205	301
New nonresidential buildings	5,024	5,594	6,664	6,851	7,173	7,514
Commercial buildings	1,591	1,859	2,185	2,225	2,446	2,684
Amusement buildings	98	99	116	140	193	224
Commercial garages	60	67	61	58	56	52
Gasoline and service stations	120	140	166	159	125	129
Office buildings	454	553	828	976	1,073	1,113
Stores and other mercantile buildings	860	999	1,014	892	999	1,166
Community buildings	1,875	1,946	2,263	2,488	2,684	2,603
Educational buildings	1,178	1,242	1,431	1,497	1,644	1,514
Institutional buildings	336	308	380	525	570	577
Religious buildings	361	396	451	465	470	512
Garages, private residential	166	188	202	201	179	204
Industrial buildings	662	830	1,273	1,092	875	995
Public buildings	318	307	(1)	(1)	(1)	(1)
Public utilities buildings	209	273	328	424	425	357
All other nonresidential buildings	201	191	413	422	564	671
Additions, alterations, and repair	1,470	1,649	1,831	1,904	1,916	2,148

[1] Beginning 1956, data no longer shown separately for "public buildings." Such buildings have been classified, according to function, into appropriate categories; e. g., office, industrial, institutional, other nonresidential, etc. Revised statistics for 1954–55 are not available but the effect on comparability for any one type of building would be relatively minor.

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1046. Expenditures for Residential Additions and Alterations, Maintenance and Repairs, and Replacements on all Properties, by Tenure and Size of Property: 1960

[In millions of dollars, except average. Includes Alaska and Hawaii. Based on sample and subject to sampling variability; see source for definitions, coverage, and methodology]

Type of work	Total, all properties	Owner-occupants of properties with 1 to 4 housing units			Nonresident owners of properties with 1 to 4 housing units	Owners of properties with 5 or more housing units	Renters
		Total	1 housing unit	2 to 4 housing units			
Total	**13,120**	**9,441**	**7,950**	**1,490**	**2,399**	**885**	**395**
Average expenditure per property owner	298	----------	283	368	245	1,168	----------
Additions and alterations	5,501	4,424	3,919	505	855	131	91
Additions	761	618	588	30	129	6	8
Alterations, inside	3,413	2,641	2,216	425	612	94	66
Alterations, outside	1,327	1,165	1,115	50	113	32	17
Maintenance and repair	5,553	3,506	2,698	809	1,162	646	239
Painting	2,463	1,485	1,126	358	507	297	174
Heating and central air conditioning	439	327	235	92	91	14	7
Plumbing	704	418	310	108	167	103	16
Roofing	403	246	197	49	145	8	4
Flooring	239	140	123	18	73	22	4
Other	1,221	889	706	184	179	119	34
Maintenance and repairs payroll	83	----------	----------	----------	----------	83	----------
Replacements	2,066	1,511	1,334	176	383	108	64
Heating and plumbing	974	622	552	70	202	102	48
Roofing	579	407	336	71	156	6	10
Other	512	481	446	35	25	(1)	6

1 Less than $500,000.

Source: Department of Commerce, Bureau of the Census; *Construction Reports*, Series C50-1, and records.

No. 1047. Indexes of Wholesale Prices of Construction Materials: 1950 to 1960

[1947-49=100. Includes Alaska and Hawaii]

Commodity	1950	1955	1959	1960
All construction materials	**109.5**	**125.5**	**134.6**	**132.6**
Lumber and wood products:				
Softwoods:				
Douglas fir	117.6	130.5	130.7	119.5
Southern pine	108.0	115.2	116.6	114.8
Other softwoods	118.9	136.8	137.7	129.5
Hardwoods	114.8	118.4	124.3	125.5
Millwork	114.6	128.7	135.9	136.6
Plywood	106.5	105.4	101.2	96.1
Softwood	113.8	110.3	97.9	87.1
Hardwood	101.4	102.6	106.2	107.7
Building paper and board	107.6	130.9	146.4	145.7
Prepared paint	99.3	114.5	128.3	128.5
Metals and products:				
Structural steel shapes	121.1	151.9	199.6	199.6
Reinforcing bars	115.9	158.8	195.0	194.3
Black steel pipe, carbon	115.7	150.7	190.9	188.9
Wire nails, 8d common	115.9	151.9	182.2	177.9
Copper water tubing	108.4	156.5	149.4	146.9
Building wire	89.1	126.6	126.9	120.8
Metals and products—Continued				
Plumbing equipment	108.2	125.4	130.1	132.1
Enameled iron fixtures	115.5	130.3	120.7	126.6
Vitreous china fixtures	114.1	118.9	122.6	123.9
Brass fittings	100.5	126.5	142.2	142.9
Heating equipment	105.1	115.0	121.7	119.4
Steam, hot water equipment	110.9	134.2	154.8	155.1
Metal doors, sash, trim	110.0	139.4	135.2	132.6
Nonmetallic mineral items:				
Plate glass	113.4	134.7	144.7	139.8
Concrete ingredients	106.8	124.8	140.3	142.1
Portland cement	108.0	131.4	152.2	155.2
Concrete products	105.5	118.6	129.7	131.1
Concrete pipe	112.8	137.9	159.1	160.3
Structural clay products	112.6	140.1	160.2	161.8
Gypsum products	104.6	122.1	133.1	133.2
Prepared asphalt roofing	101.3	106.1	116.4	107.3
Insulation materials	101.1	106.6	103.1	104.0
Linoleum, inlaid	99.3	120.4	130.3	134.4
Asphalt floor tile	91.2	96.5	99.4	101.5
Rubber floor tile	96.0	107.7	114.9	114.9

Source: Department of Labor, Bureau of Labor Statistics; annual report, *Wholesale Prices and Price Indexes*. Monthly data published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1048. Cost Indexes for Construction and Selected Components of Construction: 1940 to 1960

[1947–1949=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these firms are published on bases different from those shown here. See also *Historical Statistics, Colonial Times to 1957*, series N 85–102]

ITEM	1940	1945	1950	1955	1959	1960
Bureau of Labor Statistics:						
Composite of materials prices and hourly earnings in building construction [1]	50.6	66.9	110.3	133.5	(2)	(2)
Wholesale prices of building materials [3]	49.4	61.3	109.5	125.5	134.6	(2)
Average hourly earnings in building construction [4]	52.6	75.7	111.5	146.1	176.8	(2)
Union hourly wage scales in the building trades [5]	63.3	72.2	110.7	141.2	170.3	(2)
Department of Commerce: Composite [6]	50	67	107	125	141	144
Bureau of Public Roads: Highways [7]	49.7	75.7	95.6	106.1	114.4	111.5
American Appraisal Company: Building construction [8]	43	58	106	129	150	154
Associated General Contractors of America: General construction [9]	58	71	110	136	160	165
E. H. Boeckh and Associates: [10]						
Small residential structures: Composite	50.5	70.1	107.7	123.9	137.4	139.7
Apartments, hotels, and office buildings: Composite	54.8	71.3	109.6	130.6	148.6	151.6
Commercial and factory buildings: Composite	55.2	71.6	109.5	131.9	151.8	154.4
Engineering News-Record: [11]						
Building construction	60.3	71.1	111.6	139.3	162.8	166.3
General construction	53.7	68.3	113.2	146.5	177	182.9
George A. Fuller Company: Commercial buildings [12]	53	65	101	124	147	150
Turner Construction Company: Building construction [13]	48	65	105	123	145	145
Whitman Requardt and Associates (Handy-Whitman Index): [14]						
Public-utility construction:						
Building	53	66	112	141	174	175
Gas plant	58	66	111	142	178	181
Electric light and power [15]	62	69	113	146	177	175

[1] Represents combination of indexes of wholesale prices of building materials (weighted 61.4 percent) and average of hourly earnings in building construction (weighted 38.6 percent).

[2] Not available.

[3] Includes Alaska and Hawaii. Covers materials either (*a*) physically incorporated as integral part of a building or (*b*) normally installed during construction and not removable without seriously impairing building. Excludes consumer durables, as kitchen ranges, refrigerators, etc.

[4] Covers both full- and part-time construction workers through working foreman level, engaged on-site or off-site in actual construction work (including preassembly and precutting operations) who are employed by general contractors and by subcontractors engaged in special trades, such as plumbing, painting, etc. Excludes all nonconstruction workers employed by these firms.

[5] Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of June 1 for 1940; July 1, thereafter.

[6] Covers both building and nonbuilding construction excluding maintenance and repair. Represents a weighted average of various indexes both private and government used for different types of construction.

[7] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforced steel, structural steel, and structural concrete).

[8] Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes materials and labor prices for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

[9] Covers both building and nonbuilding construction. Wages and materials for 12 cities combined in 40–60 ratio. Wages are for hod carriers and common laborers only. Materials weighted: Sand, gravel, crushed stone, cement, common brick, and lumber, 1 each; hollow tile, ½; and structural and reinforcing steel (together) ½. Excludes taxes and employee-benefit costs.

[10] Average of 20 cities for types shown. Weights based on surveys of actual building costs and vary with different types of structures. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. Unweighted averages from Boeckh series prepared by Department of Commerce, Bureau of the Census.

[11] Building construction index computed on basis of hypothetical unit of construction requiring 6 bbls. of portland cement, 1.088 M bd. ft. of 2″ x 4″ lumber, 2,500 lbs. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. Not adjusted for changes in materials availability, competitive conditions, efficiency of plant and management, productivity, or related factors.

[12] Composite of 36 major cost elements in 3 commercial-type buildings including structural elements and elevators, wiring, plumbing, heating, and ventilating. Job costs include both skilled and unskilled labor, and series reflects employee-benefit costs.

[13] Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs.

[14] Based on data covering public utility construction costs (building construction, gas plant construction, and electric light and power construction) for 95 items in 6 geographical regions of the U. S. Job costs includeboth skilled and common labor. Indexes do not reflect tax payments nor employee-benefit cost. Department of Commerce, Bureau of the Census, has converted these series to a 1947–49 base, and combined the various items into a single index.

[15] As derived by Department of Commerce, Bureau of the Census; covers steam production plants only; excludes hydraulic plants.

Source: Department of Labor, Bureau of Labor Statistics, *Construction Cost Indexes* (Report No. 73), and records; and Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1049. Value of Contract Awards for New Public Construction, by Ownership and Type of Construction: 1955, 1959, and 1960

[In millions of dollars. Beginning 1959, includes Alaska and Hawaii. Includes force-account construction (work done by government agencies own employees to perform nonmaintenance construction) and major additions and alterations. Federal excludes classified military projects but includes projects for Atomic Energy Commission. State and local represents work under the jurisdiction of State, county, municipal, or other non-Federal governmental units and includes projects under Federal-aid programs]

OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1959	1960	OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1959	1960
All public construction	9,001	11,596	12,928	**State and locally owned**	7,445	9,111	10,750
Federally owned	1,556	2,485	2,178	Residential building	210	307	454
Residential building	61	271	269	Nonresidential building	2,842	3,237	3,670
Nonresidential building	886	886	760	Highway	2,934	3,719	4,626
Airfields	157	333	396	Sewerage systems	502	742	701
Conservation and development	272	529	344	Water supply facilities	394	407	528
Highway	59	86	129	Public service enterprises	378	423	423
Electric power utilities	44	223	164	All other State and locally owned	185	278	348
All other federally owned	78	157	117				

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1050. Federal Expenditures for Public Works: 1960 and 1961

[In millions of dollars. For years ending June 30. Includes Alaska, Hawaii, Trust Territory of the Pacific Islands, public works for Panama Canal and Canal Zone, and structures in foreign countries owned by the U.S. Government (e.g., Department of State, foreign service buildings). From budget accounts and trust funds. Comprises direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1960	1961 estimate	FUNCTION AND TYPE OF FACILITY	1960	1961 estimate
Civil public works [1]	5,011	5,318	Natural resources—Continued		
Veterans services and benefits	60	68	Laboratories and helium facilities	4	2
Hospitals and other facilities	57	63	Fish and wildlife facilities	5	7
Cemeteries and memorials	2	2	Parkways, roads, and utilities in national parks	40	49
U. S. Soldiers' Home (trust fund)	1	3	Anthracite mine drainage facilities	1	1
International affairs and finance	30	19	Commerce, housing, and space technology	3,357	3,420
Radio and other facilities	3	4	Water transportation aids	11	36
Foreign service and other buildings	27	16	Highway systems (trust fund)	2,913	2,840
Labor and welfare	227	247	Forest highways and other roads	37	38
Hospitals and health centers	75	86	Airports	71	118
Medical research facilities	7	9	Air navigation and research facilities	97	97
Other research facilities and museums	9	29	Aeronautical and space flight research facilities	54	90
Waste treatment works	40	41	Community facilities and civil defense facilities (net)	17	26
Schools	82	73	Public works in Alaska and Virgin Islands	7	4
Federal prison facilities	4	7	Low-rent public housing (net)	3	1
Office building (trust fund)	9	2	College housing (net)	122	103
Agriculture and agricultural resources	43	51	Post office improvements	24	68
Grain storage facilities	1	1	General government: Government buildings and facilities	166	227
Research facilities	9	9	**Major national security public works**	1,835	1,597
Watershed and flood prevention works	33	42	Military public works	1,618	1,360
Natural resources	1,128	1,286	Atomic energy facilities	218	237
Water resources and related developments for irrigation, flood control, navigation, and power	1,008	1,141	Nickel plant	[2] 1	([3])
Forest roads and other structures	41	55			
Roads, buildings, and utilities on Indian lands	29	32			

[1] Nonconstruction costs excluded; proposed legislation included.
[2] Deduct.
[3] Less than $500,000.

Source: Executive Office of the President, Bureau of the Budget; *Special Analysis of Federal Activities in Public Works and Other Construction;* derived from *Budget of the U.S. Government, 1962.*

No. 1051. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1929 to 1960

[**Value in millions of dollars; floor space in millions of square feet.** Excludes Alaska and Hawaii. Covers 37 Eastern States and D.C. through 1956, and 48 States and D.C. beginning 1956, i.e., for purposes of comparison, data for 1956 are shown for both coverages. (See table 1052 for States covered.) See also *Historical Statistics, Colonial Times to 1957*, series N 68–74]

Item and year	Total [1]	Nonresidential buildings								Residential buildings [1]	Public works	Utilities
		Commercial [2]	Industrial	Educational and science	Hospital	Public buildings	Religious	Social and recreational	Miscellaneous [2]			
Value of construction												
1929	5,751	929	546	370	152	121	106	147	55	1,916	940	470
1930	4,523	616	257	366	163	140	93	117	71	1,101	970	630
1933	1,256	99	128	39	37	51	18	27	19	249	505	85
1935	1,845	165	109	168	47	98	24	55	16	479	589	96
1940	4,004	318	442	147	94	80	46	63	104	1,597	831	281
1945	3,299	346	1,027	100	113	16	35	60	153	564	483	403
1950	16,592	1,209	1,142	1,180	655	124	336	261	274	8,832	1,930	648
1951 [3]	17,151	915	2,883	1,335	581	158	299	136	515	7,605	1,824	899
1952 [3]	18,070	979	2,558	1,472	444	233	318	153	538	7,963	2,268	1,145
1953 [3]	18,804	1,489	2,051	1,720	434	203	385	222	452	7,840	2,809	1,200
1954	20,596	1,816	1,274	2,063	519	249	486	252	452	9,344	3,095	1,047
1955	24,632	2,359	1,878	2,134	475	301	551	270	530	11,072	3,623	1,440
1956 [4]	*24,628*	*2,581*	*1,918*	*2,314*	*559*	*321*	*591*	*322*	*402*	*10,042*	*4,163*	*1,418*
1956 [4]	31,612	3,140	2,381	2,883	678	428	681	422	595	12,862	5,428	2,115
1957	32,173	3,267	2,168	2,936	870	470	699	429	455	13,039	5,466	2,375
1958	35,090	3,197	1,400	2,907	879	655	746	500	664	14,696	6,802	2,644
1959	36,268	3,496	1,880	2,666	865	605	799	601	474	17,150	5,804	1,928
1960	36,318	3,725	2,114	3,005	832	679	789	631	464	15,105	6,946	2,026
Floor space of buildings												
1929	791	161	106	59	20	13	13	22	6	388	1	5
1930	510	97	48	57	19	17	11	16	7	230	1	8
1933	147	23	19	6	6	10	3	6	2	73	(5)	2
1935	252	35	21	26	6	14	4	8	1	135	1	1
1940	691	67	95	25	14	12	7	12	37	421	(5)	2
1945	412	63	158	13	11	2	5	8	26	111	1	14
1950	1,475	122	115	111	45	10	29	24	28	989	(5)	2
1951	1,279	77	148	110	38	11	25	11	50	805	(5)	4
1952	1,288	82	115	107	26	15	22	12	62	845	(5)	2
1953	1,306	123	112	124	23	13	28	17	50	814	(5)	2
1954	1,486	138	100	154	28	16	34	19	44	953	(5)	1
1955	1,695	173	125	155	23	18	37	20	53	1,089	(5)	2
1956 [4]	*1,552*	*195*	*147*	*157*	*27*	*19*	*41*	*22*	*29*	*915*	(5)	*1*
1956 [4]	2,017	244	192	200	33	27	48	30	48	1,194	(5)	1
1957	2,003	245	176	207	40	27	50	31	33	1,195	(5)	(5)
1958	2,101	243	113	201	38	37	51	37	47	1,333	------	------
1959	2,337	281	158	181	38	34	54	43	35	1,512	------	------
1960	2,154	283	178	196	36	33	53	44	31	1,300	------	------

[1] Figures revised beginning 1950; therefore not comparable with prior years.
[2] Nonindustrial warehouses included with Miscellaneous prior to 1956 (37 States); with Commercial thereafter.
[3] Includes data for Atomic Energy Commission projects for which floor space data are excluded because of security reasons, as follows (in millions): 1951, $980; 1952, $923; 1953, $479.
[4] See headnote regarding coverage. Only figures in italics are comparable with preceding years.
[5] Less than 500,000 square feet.
[6] No longer reported.

Source: F. W. Dodge Corporation, New York, N.Y.; figures reported currently in *Dodge Construction Contract Statistics Service.*

No. 1052. Construction Contracts—Value, by States: 1940 to 1960

[In millions of dollars. See headnote, table 1051. Represents value of construction in States in which work was actually done. Beginning 1956, shown on revised basis; therefore not comparable with prior years. Revised data, 1950–1955, shown in table 1051 not available on a State distribution (see footnote 1, table 1051)]

STATE	1940	1950	1955	1956	1957	1958	1959	1960
Total [1]	4,004	14,501	23,745	31,612	32,173	35,090	36,268	36,318
Alabama	57	227	320	425	377	540	623	467
Arizona	----------	----------	----------	311	485	414	459	453
Arkansas	29	126	139	174	217	234	292	286
California	----------	----------	----------	4,059	4,024	4,368	4,875	4,947
Colorado	----------	----------	----------	594	465	478	510	461
Connecticut	85	290	565	665	603	543	552	618
Delaware	17	62	114	136	112	122	116	98
District of Columbia	65	97	119	99	166	164	171	222
Florida	167	532	1,047	1,141	1,359	1,431	1,655	1,443
Georgia	91	296	480	493	537	649	692	606
Idaho	----------	----------	----------	109	139	151	122	115
Illinois	258	930	1,921	2,008	2,036	1,857	2,068	2,098
Indiana	126	389	649	724	790	727	821	803
Iowa	59	194	271	349	371	419	391	411
Kansas	52	214	512	346	383	462	457	462
Kentucky	57	191	375	398	453	481	476	486
Louisiana	70	311	612	648	630	678	661	579
Maine	14	40	154	110	105	152	133	116
Maryland	123	536	821	613	604	651	745	706
Massachusetts	150	486	759	751	680	824	796	764
Michigan	217	838	1,329	1,435	1,364	1,307	1,359	1,410
Minnesota	66	301	512	589	572	686	669	661
Mississippi	52	103	172	174	278	225	274	288
Missouri	122	368	688	620	575	770	742	807
Montana	----------	----------	----------	214	139	162	134	133
Nebraska	26	106	221	196	227	246	262	288
Nevada	----------	----------	----------	87	85	102	99	130
New Hampshire	12	34	86	86	104	124	125	103
New Jersey	165	748	1,010	1,106	1,048	1,136	1,290	1,235
New Mexico	----------	----------	----------	187	256	299	264	220
New York	474	1,767	2,655	2,901	3,115	3,557	3,000	3,693
North Carolina	81	288	353	402	445	534	643	652
North Dakota	7	63	85	108	139	172	138	141
Ohio	267	978	2,035	2,024	1,888	2,049	2,046	1,924
Oklahoma	54	253	434	368	364	507	462	489
Oregon	----------	----------	----------	298	299	384	354	365
Pennsylvania	268	1,138	1,539	1,472	1,544	1,586	1,567	1,439
Rhode Island	55	90	93	110	103	108	148	118
South Carolina	49	134	233	252	235	349	168	333
South Dakota	10	62	87	117	119	152	307	186
Tennessee	106	397	469	412	392	477	636	618
Texas	254	1,072	1,487	1,614	1,691	2,042	2,035	2,021
Utah	----------	----------	----------	191	227	268	227	195
Vermont	9	21	35	52	75	72	79	51
Virginia	169	393	666	654	659	706	757	968
Washington	----------	----------	----------	799	686	673	831	632
West Virginia	41	96	137	222	229	249	236	198
Wisconsin	83	332	562	633	671	696	689	753
Wyoming	----------	----------	----------	134	107	106	109	121

[1] Excludes Alaska and Hawaii. Total for 37 Eastern States and D.C. through 1955, 48 States and D.C. thereafter.

Source: F. W. Dodge Corporation, New York, N.Y.; figures reported currently in *Dodge Construction Contract Statistics Service.*

No. 1053. Construction Contracts—Indexes of Value: 1929 to 1961

[1947-49=100, 1920-55; 1957=100, beginning 1956. Indexes are derived from monthly figures of construction contracts reported by F. W. Dodge Corporation. Reports covered 37 States and D.C. through 1955, and 48 States and D.C. thereafter. Indexes through 1955 based on 3-month moving average, centered at middle month; indexes beginning 1956 based on monthly data. More detailed description of old index, including seasonal adjustments, obtainable from Division of Research and Statistics, Board of Governors of the Federal Reserve System]

YEAR	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other
1929	63	52	70	1960:			
1930	49	30	62	January	81	85	79
1933	14	7	18	February	84	91	79
1935	20	13	25	March	114	119	110
1940	44	43	44	April	125	136	118
1945	36	16	50	May	125	134	118
1947	84	86	83	June	130	137	125
1948	102	98	105				
1949	113	116	111	July	134	122	142
1950	159	185	142	August	123	132	117
1951	171	170	172	September	116	118	116
1952	183	183	183	October	124	128	121
1953	192	178	201	November	108	115	102
1954	215	232	204	December	101	81	115
1955	261	280	248				
1956	98	99	98	1961:			
1957	100	100	100	January	93	90	95
1958	110	113	107	February	83	80	86
1959	113	132	101	March	118	126	113
1960	114	117	112	April	123	134	116

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

No. 1054. Engineering Construction Contracts Awarded and Backlog of Proposed Construction—Volume, by Type: 1930 to 1960

[**In millions of dollars.** Beginning 1959, includes Alaska and Hawaii. Covers U.S. construction projects of following minimum costs: For 1935, waterworks, excavation, drainage, and irrigation, $10,500; other public works, $17,500; industrial buildings, $28,500; other buildings, $105,000. For 1930, 1940, and 1945, minimums were $15,000, $25,000, $40,000, and $150,000. For 1950, minimums were: $28,000, $50,000, $68,000, and $250,000. For 1955-58, minimums used were: $44,000, $73,000, $93,000, and $344,000. For 1959 and 1960, minimums used were: $53,000, $88,000, $110,000, and $400,000. See also *Historical Statistics, Colonial Times to 1957*, series N 75-84]

YEAR	Total	PUBLIC WORKS						PRIVATE BUILDINGS		Unclassified
		Waterworks	Sewerage	Bridges[1]	Earthwork, irr., drain.	Streets, roads	Buildings	Industrial	Commercial	
CONTRACTS AWARDED										
1930	3,173	49	83	131	77	585	356	331	1,034	528
1935	1,590	81	100	98	259	325	298	172	109	148
1940	3,987	70	91	120	234	678	1,196	594	400	603
1945	2,289	61	35	53	57	227	463	635	387	371
1950	13,342	215	287	369	417	1,268	[2] 3,754	1,683	4,092	1,256
1955	18,722	314	402	546	546	2,137	[2] 1,987	2,951	7,704	2,046
1956	21,712	356	579	622	730	2,475	[2] 2,417	5,335	7,358	1,841
1957	17,986	369	556	781	969	2,965	[2] 2,995	3,081	4,795	1,475
1958	19,165	306	618	713	1,045	3,729	[2] 3,664	1,756	5,534	1,790
1959	20,423	376	655	570	915	2,899	[2] 3,195	2,993	6,861	1,958
1960	22,904	455	619	794	780	3,401	[2] 3,300	2,792	8,301	2,462
BACKLOG OF PROPOSED PROJECTS (DEC. 31)										
1950	52,113	1,387	2,182	1,692	7,282	4,598	12,050	5,753	6,963	10,206
1955	93,053	1,990	2,988	2,760	11,293	11,313	16,405	14,302	15,767	16,235
1956	104,249	2,229	3,214	3,043	11,416	12,672	18,884	16,139	18,210	18,442
1957	111,482	2,422	3,362	3,401	12,370	13,180	20,208	16,774	20,253	19,513
1958	114,175	2,660	3,576	3,419	11,906	12,920	20,658	17,075	22,392	19,569
1959	118,319	2,844	3,820	3,532	12,091	12,960	21,343	17,163	23,980	20,586
1960	124,700	2,919	4,117	3,385	12,135	13,634	22,724	17,986	27,274	20,526

[1] Includes private; amount of contracts awarded in 1960, $8,695,000; amount in backlog of proposed work in 1960, $101,207,000.

[2] Includes contracts awarded for atomic energy plants as follows (in millions): 1950, $2,020; 1955, $131; 1956, $36; 1957, $56; 1958, $84; 1959, $241; 1960, $59.

Source: McGraw-Hill Publishing Co., New York, N.Y.; *Engineering News-Record* and *Construction Daily.*

No. 1055. Engineering Construction Contracts Awarded—Volume, by Type, by States: 1960

[In thousands of dollars. Covers U.S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, $53,000; other public works, $88,000; industrial buildings, $110,000; other buildings, $400,000]

State	Total	Public works contracts						Private building contracts		Unclassified
		Waterworks	Sewerage	Bridges[1]	Earthwork, irrigation, drainage	Streets, roads	Buildings[2]	Industrial	Commercial	
U.S.	22,904,032	454,609	619,458	794,480	779,854	3,400,839	3,299,905	2,792,102	8,301,208	2,461,577
Alabama	310,909	10,378	9,294	24,337	19,417	58,926	47,191	73,735	55,533	12,098
Alaska	109,051	1,903	2,349	1,241	885	9,057	26,075	-------	8,575	58,966
Arizona	244,924	808	904	1,434	14,157	44,557	15,542	75,800	39,175	52,457
Arkansas	216,827	2,579	3,470	7,490	35,124	35,641	29,244	30,695	20,751	51,833
California	2,628,410	78,734	81,843	38,755	175,233	347,506	449,725	158,343	972,388	325,883
Colorado	287,382	14,949	3,186	4,310	3,980	42,454	29,986	25,443	144,093	18,981
Connecticut	622,220	2,971	17,516	460	3,382	21,407	112,781	45,106	404,082	14,515
Delaware	105,159	86	1,311	115	405	6,046	11,153	49,240	32,694	4,100
Dist. of Columbia	210,111	8,203	7,408	11,283	292	16,045	93,321	1,595	53,385	18,679
Florida	596,206	11,482	16,353	10,962	16,387	90,970	86,254	100,292	206,046	57,460
Georgia	283,794	3,462	8,569	8,509	22,642	32,185	38,585	28,257	121,951	19,634
Hawaii	174,229	6,122	3,568	1,269	270	11,912	20,934	947	100,082	29,125
Idaho	165,270	331	1,285	1,829	1,144	19,166	16,091	3,062	1,411	120,951
Illinois	1,264,329	21,722	37,332	68,045	15,334	188,363	221,218	132,710	451,749	127,856
Indiana	253,611	7,125	6,335	30,581	3,314	51,249	48,455	61,801	37,034	7,717
Iowa	227,696	3,012	6,174	9,697	7,574	94,313	24,268	34,398	30,703	17,557
Kansas	247,030	2,928	7,929	13,239	9,429	42,815	44,500	12,812	36,929	76,449
Kentucky	300,347	3,342	13,555	6,936	3,670	60,042	97,246	75,610	34,167	5,779
Louisiana	273,615	4,115	22,497	31,008	30,653	70,673	44,094	29,421	24,452	16,702
Maine	62,220	945	892	4,073	69	18,102	27,166	4,511	1,677	4,785
Maryland	568,485	13,742	13,691	18,298	724	65,153	65,941	70,736	298,382	21,818
Massachusetts	532,243	6,788	9,610	10,394	8,791	56,552	112,701	46,968	258,302	22,137
Michigan	409,811	23,828	6,644	22,970	20,736	183,375	44,584	42,340	47,155	18,179
Minnesota	431,755	12,421	22,631	9,458	1,848	66,253	55,996	146,126	73,143	43,879
Mississippi	131,623	8,633	4,305	8,807	5,274	34,934	32,440	9,339	7,373	20,518
Missouri	456,618	4,480	9,578	23,537	13,450	89,461	64,718	56,309	181,826	13,259
Montana	70,860	188	1,671	3,810	1,996	26,592	18,315	500	2,455	15,333
Nebraska	150,790	650	7,512	10,638	13,554	29,911	18,657	2,705	18,061	49,102
Nevada	29,189	-------	310	-------	535	12,830	7,507	-------	550	7,457
New Hampshire	47,814	189	885	1,222	220	15,134	8,446	1,245	11,954	8,519
New Jersey	1,104,502	5,574	17,844	8,710	5,475	60,548	109,320	76,653	795,699	24,679
New Mexico	179,548	983	2,397	681	4,224	33,417	16,867	13,522	30,517	76,940
New York	2,436,313	20,747	62,949	193,701	16,100	278,490	394,224	111,600	1,258,010	100,492
North Carolina	360,378	4,494	10,228	12,386	4,906	40,879	37,965	44,484	115,307	89,729
North Dakota	68,092	152	668	1,518	5,047	26,170	10,169	819	3,277	20,272
Ohio	1,185,573	16,351	52,122	8,299	4,700	201,108	99,779	198,631	575,075	29,508
Oklahoma	262,958	55,336	4,238	9,208	46,673	40,493	27,184	11,546	14,833	53,447
Oregon	249,441	2,344	7,016	10,324	33,904	53,040	16,054	12,117	37,344	77,298
Pennsylvania	950,403	8,064	27,716	14,403	41,217	146,758	97,530	176,457	423,649	14,609
Rhode Island	77,961	5,103	754	554	1,091	10,171	23,958	9,397	19,780	7,153
South Carolina	200,212	2,825	4,146	6,043	5,670	32,083	23,417	78,715	37,599	9,714
South Dakota	154,617	2,813	342	8,380	47,570	39,754	12,891	3,160	2,649	37,058
Tennessee	338,836	4,862	7,401	10,931	12,805	65,524	63,977	82,307	67,279	23,750
Texas	2,183,534	38,090	37,344	12,043	60,822	262,631	158,398	405,209	961,723	247,274
Utah	130,701	2,755	3,305	2,297	2,959	18,513	37,695	29,516	16,971	16,690
Vermont	40,930	237	1,424	143	74	16,052	7,530	815	2,128	12,527
Virginia	592,990	5,611	8,792	50,903	6,380	69,425	72,151	74,756	116,191	188,781
Washington	443,271	9,516	11,500	36,938	37,054	47,372	74,323	33,537	61,447	131,584
West Virginia	91,637	181	2,705	6,093	9,527	26,291	20,393	19,910	4,487	2,050
Wisconsin	308,888	12,365	27,691	10,117	1,170	63,545	70,219	23,730	78,057	21,994
Wyoming	130,719	-------	269	6,101	1,997	26,951	12,727	65,175	3,108	14,391

[1] Includes bridges under private contracts amounting to $8,695,000.
[2] Includes $58,654,000 in contracts awarded for atomic energy plants.

Source: McGraw-Hill Publishing Co., New York, N.Y.; *Engineering News-Record* and *Construction Daily*.

No. 1056. Building Construction in Cities of 100,000 Inhabitants or More—Value of All Construction, 1950 to 1959, and Number of New Housing Units, 1950 to 1960

[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 1045. Cities shown here had a population of 100,000 or more in 1950]

City	Value of all construction ($1,000)				Number of new housing units				
	1950	1955	1958	1959	1950	1955	1958	1959	1960 (prel.)
Akron, Ohio	33,343	33,453	36,798	35,417	2,041	1,421	1,324	1,463	1,313
Albany, N.Y.	11,063	13,529	13,806	9,500	949	228	592	218	171
Allentown, Pa.	11,267	12,734	8,517	9,299	486	528	327	330	319
Atlanta, Ga.	48,569	75,249	117,767	111,583	3,773	3,130	4,115	5,540	5,599
Austin, Tex.	39,622	40,934	50,638	55,991	2,837	1,927	1,758	2,150	1,626
Baltimore, Md.	91,430	87,551	68,513	61,605	7,918	3,642	2,379	2,494	1,607
Baton Rouge, La.	18,695	36,323	61,549	42,388	1,807	2,276	2,790	2,470	1,594
Berkeley, Calif.	14,888	10,314	10,440	14,410	433	565	650	930	751
Birmingham, Ala.	38,236	37,006	39,467	36,916	4,019	2,078	2,780	1,640	1,320
Boston, Mass.[1]	68,078	41,185	50,819	93,708	2,353	844	599	605	1,174
Bridgeport, Conn.	16,710	10,226	8,753	11,658	1,301	583	249	261	692
Buffalo, N.Y.	20,810	27,935	19,922	20,789	1,355	989	232	227	268
Cambridge, Mass.	6,424	11,093	12,889	16,042	55	10	14	150	81
Camden, N.J.	8,527	7,727	7,352	5,336	805	134	157	24	30
Canton, Ohio	7,886	7,478	4,750	7,848	517	482	175	120	120
Charlotte, N.C.	32,049	27,107	26,000	35,060	3,136	1,436	1,097	1,311	1,764
Chattanooga, Tenn.	12,336	9,565	10,617	17,584	982	401	653	735	785
Chicago, Ill.	270,079	286,280	336,997	269,452	16,196	17,575	8,910	9,906	14,644
Cincinnati, Ohio	61,471	47,904	55,936	58,363	2,349	1,120	1,449	3,007	2,615
Cleveland, Ohio	66,492	79,140	57,225	56,290	2,913	2,004	839	1,240	1,672
Columbus, Ohio	48,733	50,155	115,167	87,420	4,549	2,290	5,669	4,382	3,733
Corpus Christi, Tex.	29,919	29,981	23,863	21,388	2,661	2,144	1,308	864	580
Dallas, Tex.	132,949	166,612	[1] 45,539	159,656	12,197	9,379	7,707	8,760	6,957
Dayton, Ohio	21,825	39,871	17,818	17,669	1,743	1,389	705	370	395
Denver, Colo.	66,275	77,136	75,832	63,288	6,911	5,392	2,803	2,097	3,149
Des Moines, Iowa	24,877	31,219	42,533	35,647	1,842	1,250	1,235	1,411	988
Detroit, Mich.	209,274	143,657	92,399	76,465	13,565	3,695	2,242	1,474	1,268
Duluth, Minn.	7,562	8,513	12,116	9,836	651	354	627	356	242
Elizabeth, N.J.	6,897	3,656	6,439	7,432	768	110	376	598	991
El Paso, Tex.	24,897	38,800	64,477	65,002	2,379	2,780	5,311	4,100	2,644
Erie, Pa.	15,306	14,866	11,465	8,336	1,325	733	274	267	222
Evansville, Ind.	5,638	10,029	8,506	4,339	717	482	144	91	159
Fall River, Mass.	3,861	2,088	3,179	3,147	289	129	38	64	64
Flint, Mich.	26,367	34,124	28,068	24,958	2,015	2,302	815	860	397
Fort Wayne, Ind.	13,726	14,834	26,153	20,446	1,231	392	669	757	632
Fort Worth, Tex.	49,161	57,116	54,421	58,390	7,131	4,308	3,285	3,037	2,131
Gary, Ind.	17,131	23,391	25,994	[2] 23,235	1,503	1,273	685	692	644
Grand Rapids, Mich.	18,308	13,918	9,529	6,981	1,510	624	282	243	315
Hartford, Conn.	20,159	14,885	12,506	31,291	882	177	308	401	336
Houston, Tex.	185,979	141,695	233,482	218,688	11,909	6,838	12,650	10,999	6,906
Indianapolis, Ind.	36,403	34,512	47,025	56,110	3,556	1,819	1,924	2,410	1,728
Jacksonville, Fla.	21,701	21,328	33,658	24,089	2,033	702	598	672	519
Jersey City, N.J.	9,633	5,612	5,922	7,930	628	428	130	221	306
Kansas City, Kans.	7,046	10,553	10,148	10,089	554	204	281	259	597
Kansas City, Mo.	44,098	71,230	77,291	74,547	2,957	1,588	2,896	2,600	1,612
Knoxville, Tenn.	19,954	11,730	10,820	15,003	1,790	430	292	345	303
Little Rock, Ark.	21,090	11,422	19,648	25,917	1,529	552	493	487	483
Long Beach, Calif.	38,579	51,131	63,990	45,724	1,810	2,353	2,190	2,311	1,963
Los Angeles, Calif.	407,293	435,677	561,191	645,285	30,798	24,194	24,139	22,034	22,322
Louisville, Ky.	23,179	32,971	33,590	35,479	2,310	1,918	1,388	1,623	1,043
Memphis, Tenn.	55,269	42,506	48,307	41,131	6,682	3,128	3,499	3,475	2,266
Miami, Fla.	47,037	46,433	52,211	48,491	4,664	2,584	3,236	2,249	2,012
Milwaukee, Wis.	87,360	88,494	83,604	69,077	6,322	3,982	3,925	4,084	4,201
Minneapolis, Minn.	45,868	45,066	62,670	55,348	2,900	1,031	2,239	1,848	1,613
Mobile, Ala.	12,932	14,725	28,298	29,241	1,743	1,129	3,084	2,207	1,201
Montgomery, Ala.	13,200	15,857	13,599	12,850	2,293	1,790	1,108	966	833
Nashville, Tenn.	16,391	21,488	25,408	17,198	1,024	537	585	733	674
Newark, N.J.	23,499	13,444	38,569	23,389	293	85	1,440	1,522	3,088
New Bedford, Mass.	4,217	3,925	3,378	2,668	387	395	114	132	145
New Haven, Conn.	14,051	10,832	11,963	[3] 8,320	1,093	211	403	[3] 537	260
New Orleans, La.	77,547	98,569	75,524	67,956	5,091	2,926	2,545	2,604	1,629

See footnotes at end of table.

No. 1056. Building Construction in Cities of 100,000 Inhabitants or More—Value of All Construction, 1950 to 1959, and Number of New Housing Units, 1950 to 1960—Continued

City	Value of all construction ($1,000)				Number of new housing units				
	1950	1955	1958	1959	1950	1955	1958	1959	1960 (prel.)
New York, N.Y.:[4]									
Bronx	45,730	40,122	77,461	92,437	3,689	3,386	5,534	4,896	7,565
Brooklyn	71,811	100,186	98,076	141,507	6,566	7,776	7,734	9,537	10,096
Manhattan	117,080	202,965	279,581	460,746	4,389	10,651	9,371	13,853	13,677
Queens	194,562	106,412	115,134	161,937	24,336	7,988	10,913	13,657	13,101
Richmond	4,574	6,059	11,096	20,490	428	463	865	1,566	2,250
Norfolk, Va	20,012	16,587	27,501	26,857	2,132	739	465	748	844
Oakland, Calif	31,227	31,447	70,855	49,672	1,491	1,468	2,295	2,459	2,311
Oklahoma City, Okla	50,646	42,709	46,734	59,901	4,120	2,779	2,079	3,024	3,162
Omaha, Nebr	28,014	27,738	50,870	48,173	2,533	1,610	2,503	2,920	3,054
Pasadena, Calif	20,590	18,284	20,883	22,890	1,497	697	1,082	815	808
Paterson, N.J	7,340	5,241	11,098	6,202	472	224	903	538	537
Peoria, Ill	11,122	13,256	9,625	8,186	597	205	61	81	97
Philadelphia, Pa	157,332	140,096	108,972	122,201	12,484	5,829	5,825	7,200	7,791
Phoenix, Ariz	15,400	22,197	46,797	86,593	1,169	1,103	2,747	4,801	4,972
Pittsburgh, Pa	105,335	56,008	46,830	43,704	3,320	1,593	1,180	809	1,668
Portland, Oreg	63,325	47,646	84,063	53,849	3,824	1,371	1,368	1,676	1,711
Providence, R.I	17,778	4,483	8,978	12,563	775	237	149	167	329
Reading, Pa	4,766	8,011	5,635	5,006	79	171	40	38	30
Richmond, Va	32,949	24,150	19,032	22,051	1,336	480	385	411	700
Rochester, N.Y	16,406	20,057	17,431	13,617	1,040	378	360	195	193
Sacramento, Calif	30,524	25,781	47,639	48,042	3,048	1,639	2,229	3,244	2,308
St. Louis, Mo	74,659	49,239	53,075	78,002	4,145	1,758	1,361	2,262	869
St. Paul, Minn	47,424	44,419	52,358	49,651	3,216	1,236	1,127	1,548	1,086
Salt Lake City, Utah	33,740	19,669	23,929	27,377	2,207	924	499	637	692
San Antonio, Tex	57,040	57,433	60,723	60,343	5,989	5,608	4,670	4,501	3,162
San Diego, Calif	60,770	86,171	162,853	193,509	5,951	6,031	10,829	12,212	5,934
San Francisco, Calif	85,104	69,215	84,822	105,896	3,785	2,181	2,282	2,664	3,560
Savannah, Ga	7,867	[5] 4,570	8,558	6,915	1,095	[5] 588	659	572	342
Scranton, Pa	5,761	3,443	4,977	5,994	324	79	91	119	95
Seattle, Wash	57,742	72,036	109,551	113,062	3,415	3,380	3,746	4,551	1,604
Shreveport, La	28,851	35,243	30,020	([6])	3,281	1,449	1,384	1,239	1,004
Somerville, Mass	3,313	1,836	1,901	940	249	15	65	5	7
South Bend, Ind	21,247	17,453	17,604	16,266	2,012	815	455	427	503
Spokane, Wash	33,473	28,162	22,608	26,933	2,435	1,240	687	684	518
Springfield, Mass	13,346	14,960	17,590	13,045	1,192	1,441	534	337	321
Syracuse, N.Y	16,940	18,182	27,611	22,900	1,416	605	683	690	678
Tacoma, Wash	23,331	13,106	12,883	18,759	1,750	623	403	690	546
Tampa, Fla	15,658	49,168	56,807	49,210	1,548	3,048	3,041	2,397	1,866
Toledo, Ohio	22,645	24,179	20,700	16,116	1,660	842	613	693	708
Trenton, N.J	4,050	3,322	4,479	([6])	67	106	55	([6])	83
Tulsa, Okla	18,173	23,584	31,967	19,306	1,430	1,074	1,274	924	895
Utica, N.Y	2,322	3,971	15,098	4,984	213	265	513	328	217
Washington, D.C	59,194	87,331	222,350	70,786	4,857	2,796	4,975	1,592	2,778
Waterbury, Conn	9,529	8,155	5,021	6,026	743	648	245	319	250
Wichita, Kans	28,204	43,125	22,923	24,060	3,853	3,045	1,662	1,144	347
Wilmington, Del	8,620	10,387	29,251	16,748	276	88	689	374	328
Worcester, Mass	16,314	18,616	17,778	7,032	1,383	542	344	273	529
Yonkers, N.Y	15,847	14,438	20,294	40,275	1,450	1,293	1,666	2,112	1,125
Youngstown, Ohio	11,372	18,575	15,308	15,074	1,068	956	514	758	386

[1] Represents applications filed.
[2] 11-month data.
[3] 10-month data.
[4] Data through 1958 represent construction actually started, based on inspection records. For 1959, data represent building permits issued.
[5] December data not available.
[6] Not available.

Source: Department of Commerce, Bureau of the Census.

No. 1057. New Housing Units Started, By Type: 1940 to 1960

[New series includes Alaska and Hawaii. In general, the new series is more nearly complete in coverage than the old, and is based on a broader definition of housing unit. Also, the new series is derived from continuing field measurement of actual housing starts: the old series relied on current field measurement only in areas where building permits were not required. For detailed description of sources and methods, see *Construction Reports*, Series C20-11 (Supplement), May 1960. For old series, see also *Historical Statistics, Colonial Times to 1957* series N 106-117]

Year	Housing units started (1,000)										Estimated construction cost ($1,000,000) [4]	
	Total	Area [1]		Type of structure			Type of financing					
		Metropolitan	Nonmetropolitan	1-family	2-family [2]	Multifamily [3]	Private			Public	Privately financed	Publicly financed
							Total	Government programs				
								FHA	VA			
OLD SERIES [5] (NONFARM)												
1940	603	(6)	(6)	486	37	80	530	(6)	(6)	73	2,072	227
1945	209	(6)	(6)	185	9	16	208	(6)	(6)	1	959	6
1950	1,396	1,022	374	1,154	45	197	1,352	487	(6)	44	11,418	370
1955	1,329	976	353	1,194	33	102	1,310	277	393	19	14,346	198
1956	1,118	780	338	990	31	97	1,094	189	271	24	12,815	262
1957	1,042	700	342	873	33	136	993	168	128	49	12,127	567
1958	1,209	827	382	975	39	195	1,141	295	102	68	13,678	821
1959	1,379	946	432	1,095	53	231	1,343	333	109	37	16,464	464
NEW SERIES (NONFARM)												
1959	1,531	1,076	455	1,229	58	244	1,495	333	109	37	19,141	432
1960	1,257	877	381	977	49	231	1,216	261	75	42	15,895	528
NEW SERIES (NONFARM AND FARM)												
1959	1,554	1,077	477	1,251	59	244	1,517	333	109	37	19,398	432
1960	1,280	879	401	1,001	49	230	1,238	261	75	42	16,126	528

[1] For definition of standard metropolitan statistical areas, see headnote, table 10: For old series, metropolitan segment corresponds to the 168 standard metropolitan statistical areas used in the 1950 census; for new series, based on revised definitions of 189 standard metropolitan statistical areas published in 1959 by Bureau of the Budget in *Standard Metropolitan Statistical Areas*.

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

[4] Private construction costs based on permit valuation, adjusted for understatement of costs shown on permit applications, supplemented by reported estimates of construction costs in nonpermit areas. Public construction costs based on contract values or estimated construction costs for individual projects.

[5] Permanent units only. [6] Not available.

Source: 1940–1958, Department of Labor, Bureau of Labor Statistics, *Nonfarm Housing Starts, 1899–1958* (Bulletin No. 1260); beginning 1959, Department of Commerce, Bureau of the Census, *Construction Reports*, Series C20, and records.

No. 1058. Mobile Homes and Travel Trailers—Manufacturers Shipments: 1956 to 1961

[A mobile home, or housing-type trailer, is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. Mobile homes range in size from 29 to 60 feet long and 8 to 10 feet wide. Travel trailers are less than 29 feet in length. Excludes units designed for commercial uses, pickup cabs, folding campers, and amphibious units]

Year and month	Total	Mobile homes	Travel trailers	Total shipments as percent of private housing starts
1956	139,690	(1)	(1)	[2] 12.8
1957	143,490	(1)	(1)	[2] 14.5
1958	133,800	(1)	(1)	[2] 11.7
1959	162,500	120,500	42,000	10.7
1960	141,090	99,310	41,780	11.4
January	8,240	6,460	1,780	
February	11,180	8,680	2,500	
March	12,640	8,880	3,760	
April	12,390	8,160	4,230	
May	16,110	10,700	5,410	
June	15,780	9,910	5,870	
July	11,990	7,330	4,660	
August	13,930	9,760	4,170	
September	12,450	9,540	2,910	
October	10,950	8,360	2,590	
November	8,100	6,090	2,010	
December	7,330	5,440	1,890	
1961:				
January	6,760	5,220	1,540	
February	8,590	6,050	2,540	
March	11,080	7,440	3,640	

[1] Not available. [2] Based on private nonfarm housing starts, "old series." See table 1057.

Source: Department of Commerce, Business and Defense Services Administration; *Construction Review*.

No. 1059. Number and Average Construction Cost of New Privately Owned Nonfarm One-Family Housing Units Started: 1940 to 1961

[New series includes Alaska and Hawaii. Average cost of all such housing units started nationally. Data do not represent construction cost of a typical house. These averages are affected by changes in cost of materials and labor, variations in size and design of the houses, type of projects started, differences in construction methods, and other variables. Construction costs cover only labor, materials, and subcontracted work, and that part of the builders' overhead and profit chargeable directly to the construction projects. Cost data based primarily on builders' estimates of construction cost made at the start of construction. For difference between old and new series, see headnote, table 1057]

YEAR	Number of housing units started	Average construction cost per unit	YEAR AND MONTH	Number of housing units started	Average construction cost per unit
OLD SERIES			NEW SERIES		
1940	447,600	$4,075	1959	1,211,900	$13,425
1945	184,600	4,650	1960	963,600	13,775
1948	763,200	7,850	January	65,100	13,350
1949	792,400	7,625	February	69,500	13,175
1950	1,150,700	8,675	March	72,200	13,825
1951	892,200	9,300	April	100,100	14,000
1952	939,100	9,475	May	99,400	14,000
1953	932,800	9,950	June	98,600	13,925
1954	1,077,300	10,625	July	88,200	13,575
1955	1,190,000	11,350	August	99,100	13,150
1956	980,700	12,225	September	74,300	13,925
1957	840,200	13,025	October	81,100	14,575
1958	932,500	12,950	November	69,500	13,600
1959	1,078,500	13,445	December	46,500	14,200
			1961, January	49,200	13,200

Source: Department of Commerce, Bureau of the Census. Published in Department of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1060. Occupied Housing Units—Percent of Home Ownership, by Color, and Regions: 1950 and 1960

[Beginning 1960, includes Alaska and Hawaii. The unit of enumeration was dwelling unit in 1950 and housing unit in 1960; see p. 746 for difference in definition. For composition of Census regions, see fig. I, p. XII]

TENURE	1950					1960 (prel.)				
	United States	Northeast	North Central	South	West	United States	Northeast	North Central	South	West
TOTAL										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	55.0	48.4	60.7	53.7	57.3	61.9	56.1	67.0	62.0	61.3
Renter occupied	45.0	51.6	39.3	46.3	42.7	38.1	43.9	33.0	38.0	38.7
WHITE										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	56.9	49.7	62.0	57.7	58.2	64.4	58.2	69.1	66.4	62.5
Renter occupied	43.1	50.3	38.0	42.3	41.8	35.6	41.8	30.9	33.6	37.5
NONWHITE										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	34.9	21.6	33.9	37.2	40.2	38.3	26.8	35.8	41.5	44.5
Renter occupied	65.1	78.4	66.1	62.8	59.8	61.7	73.2	64.2	58.5	55.5

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *U.S. Census of Housing: 1960*, Advance Reports, Series HC (A1)-52.

No. 1061. Housing Units, by Geographic Divisions, Inside and Outside Standard Metropolitan Statistical Areas: 1950 and 1960

[Includes Alaska and Hawaii. The unit of enumeration was dwelling unit in 1950 and housing unit in 1961; see p. 746 for difference in definition. For definition of standard metropolitan statistical areas, see table 10. For composition of divisions, see table 1067]

DIVISION	1950				1960 (prel.)			
	Total		Inside SMSA's [1]	Outside SMSA's [1]	Total		Inside SMSA's	Outside SMSA's
	Number	Percent			Number	Percent		
United States	**46,137,076**	**100.0**	**27,142,919**	**18,994,157**	**58,323,672**	**100.0**	**36,384,509**	**21,939,163**
New England	2,879,409	6.2	1,961,179	918,230	3,521,410	6.0	2,359,527	1,161,883
Middle Atlantic	9,171,773	19.9	7,378,229	1,793,544	11,275,869	19.3	9,081,368	2,194,501
East North Central	9,334,211	20.2	5,868,958	3,465,253	11,656,342	20.0	7,609,255	4,047,087
West North Central	4,411,435	9.6	1,664,886	2,746,549	5,140,074	8.8	2,161,192	2,978,882
South Atlantic	5,996,267	13.0	2,735,531	3,260,736	8,033,720	13.8	4,125,354	3,908,366
East South Central	3,195,164	6.9	1,020,837	2,174,327	3,606,477	6.2	1,308,201	2,298,276
West South Central	4,462,354	9.7	2,006,551	2,455,803	5,533,346	9.5	2,898,351	2,634,995
Mountain	1,608,421	3.5	644,277	964,144	2,226,569	3.8	1,062,250	1,164,319
Pacific	5,078,042	11.0	3,862,471	1,215,571	7,329,865	12.6	5,779,011	1,550,854

[1] As defined in 1960.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *U.S. Census of Housing: 1960*, Advance Reports, Series HC (A1).

No. 1062. Vacant Housing Units—Percent Distribution by Condition and Status, by Inside and Outside Standard Metropolitan Statistical Areas: 1950 to 1961

[Beginning 1960, includes Alaska and Hawaii. 1950 figures based on complete enumeration. Beginning 1959, figures based on sample data from Current Population Survey; see Technical Note, p. 201. For definition of standard metropolitan statistical areas, see table 10; data refer to 168 SMSA's as constituted in 1950]

CONDITION AND STATUS	TOTAL				INSIDE SMSA'S		OUTSIDE SMSA'S	
	April 1950	1st quarter 1959	1st quarter 1960	1st quarter 1961	April 1950	1st quarter 1961	April 1950	1st quarter 1961
All housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Year-round vacant:								
Sound or deteriorating	3.3	5.6	6.2	6.6	2.8	5.5	4.0	8.1
For rent	1.1	2.3	2.6	3.0	1.1	3.0	1.2	2.9
For sale only	0.5	0.6	0.6	0.7	0.5	0.6	0.4	0.8
Rented or sold, awaiting occupancy	1.7	0.4	0.4	0.4	1.2	0.5	2.4	0.4
Held off market [1]		2.3	2.6	2.5		1.4		4.0
Dilapidated [1]	1.1	1.3	1.2	0.9	0.4	0.4	2.0	1.8
Seasonal vacant [1]	2.5	3.2	2.8	2.7	1.1	1.0	4.0	5.1
Occupied	93.1	89.9	89.8	89.8	95.7	93.1	90.0	85.0

[1] Unoccupied units and units temporarily occupied by nonresidents (persons with usual residence elsewhere).

No. 1063. Vacancy Rates—Percent Distribution, by Regions, and by Inside and Outside Standard Metropolitan Statistical Areas: 1950 to 1961

[Rental vacancy rate is the relationship between vacant housing for rent and total rental supply. The rental supply comprises renter-occupied units, vacant units already rented and awaiting occupancy, and vacant units available for rent. Home-owner vacancy rate is the relationship between vacant housing for sale and total home-owner supply. The home-owner supply comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. I, p. XII; for definition of standard metropolitan statistical areas, see headnote, table 10; data refer to 168 SMSA's as constituted in 1950]

ITEM AND YEAR	United States [1]	REGIONS				Inside SMSA'S	Outside SMSA'S
		Northeast	North Central	South	West [1]		
Rental vacancy rate:							
1950, April	2.6	1.5	1.7	3.4	4.9	2.2	3.2
1959, 1st quarter	6.1	3.4	7.0	8.0	6.6	4.7	8.6
1960, 1st quarter	7.2	4.4	7.7	8.3	9.7	6.1	9.2
1961, 1st quarter	8.0	4.6	8.5	8.9	11.0	7.2	9.4
Home-owner vacancy rate:							
1950, April	0.9	0.9	0.7	1.0	1.3	1.1	0.7
1959, 1st quarter	1.0	0.8	0.9	1.2	1.5	0.9	1.2
1960, 1st quarter	1.1	0.9	1.1	1.3	1.0	1.1	1.1
1961, 1st quarter	1.2	1.0	1.0	1.6	1.1	1.0	1.4

[1] Beginning 1960, includes Alaska and Hawaii.

Source of tables 1062 and 1063: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111 Nos. 16, 20, and 24.

No. 1064. Available Vacant Housing Units—Selected Characteristics: 1959, 1960, and 1961

[Percent distribution. First quarter figures. Beginning 1960, includes Alaska and Hawaii. See headnote, table 1063]

VACANT RENTAL UNITS	1959	1960	1961	VACANT HOMEOWNER UNITS	1959	1960	1961
Number of housing units in structure	100	100	100	Number of housing units in structure	100	100	100
1 housing unit	39	35	29	1 housing unit	95	93	96
2 to 4 housing units	38	39	36	2 housing units	3	6	3
5 housing units or more	23	26	35	3 housing units or more	2	1	1
Duration of vacancy at time of enumeration	100	100	100	Duration of vacancy at time of enumeration	100	100	100
Less than 1 month	29	28	30	Less than 1 month	15	16	17
1 to 2 months	13	13	13	1 to 2 months	14	11	13
2 to 4 months	17	18	19	2 to 4 months	23	24	20
4 months or more	41	41	38	4 months or more	48	49	50
Percent with all plumbing facilities	67	71	69	Percent with all plumbing facilities	85	88	87
Median number of rooms	3.3	3.4	3.2	Median number of rooms	5.4	5.3	5.4
Median monthly rent asked	$54	$54	$53	Median sale price asked	$12,600	$13,900	$12,500

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 20 and 24.

No. 1065. Vacant Rental Housing Units—Selected Characteristics: 1959 and 1960

[Percent distribution. Second quarter figures. Beginning 1960, includes Alaska and Hawaii. Represents nonfarm available-for-rent vacant units. See headnote, table 1063]

CHARACTERISTICS	MONTHLY RENT ASKED, 1959						MONTHLY RENT ASKED, 1960					
	Total	Less than $30	$30 to $49	$50 to $74	$75 to $99	$100 or more	Total	Less than $30	$30 to $49	$50 to $74	$75 to $99	$100 or more
Percent of total	100	19	28	31	14	8	100	15	31	30	15	9
Number of rooms in unit	100	100	100	100	100	100	100	100	100	100	100	100
1 and 2 rooms	28	41	35	23	9	19	31	55	40	23	15	15
3 and 4 rooms	55	50	52	58	67	48	50	35	47	54	65	54
5 rooms or more	17	9	13	19	24	33	19	10	13	23	20	31
Number of housing units in structure	100	100	100	100	100	100	100	100	100	100	100	100
1 housing unit	29	50	28	22	19	31	27	42	27	25	18	28
2 housing units	24	18	24	31	22	9	21	9	21	27	26	11
3 and 4 housing units	19	12	21	21	30	10	19	10	18	23	22	14
5 housing units or more	28	20	27	26	29	50	33	39	34	25	34	47
Duration of vacancy at time of enumeration	100	100	100	100	100	100	100	100	100	100	100	100
Less than 1 month	34	18	28	38	51	41	34	22	29	39	44	37
1 to 2 months	13	8	14	12	18	17	14	9	13	14	17	18
2 to 4 months	16	12	16	19	15	20	16	10	18	15	17	19
4 months or more	37	62	42	31	16	22	36	59	40	32	22	26

Source: Department of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 17 and 21.

No. 1066. Occupied Housing Units—Tenure, and Population Per Housing Unit, by Color of Occupants, 1890 to 1960, and by Nonfarm and Farm Residence, 1890 to 1950

[Beginning 1960, includes Alaska and Hawaii. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series N 139–146]

Color of occupants, residence, and census year	Occupied housing units (or families)[1]						Percent increase over preceding census		Population per occupied housing unit (or family)[2]
	Total	Reporting tenure	Owner-occupied		Renter-occupied		Total occupied housing units (or families)[1]	Total population	
			Number	Percent	Number	Percent			
1890	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2	----	----	5.0
1900	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3	25.8	20.7	4.8
1910	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1	26.9	21.0	4.5
1920	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4	20.2	14.9	4.3
1930	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2	22.8	16.1	4.1
1940	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4	16.6	7.2	3.8
1950	42,826,281	42,826,281	23,559,966	55.0	19,266,315	45.0	22.9	14.5	3.5
1960	53,021,061	53,021,061	32,796,087	61.9	20,224,974	38.1	23.8	18.5	3.4
Color of occupants									
White									
1890	11,255,169	11,255,169	5,793,660	51.5	5,461,509	48.5	----	----	4.9
1900	14,063,791	13,659,106	6,788,069	49.7	6,871,037	50.3	25.0	21.2	4.8
1910	(3)	(3)	(3)	(3)	(3)	(3)	(3)	22.3	(3)
1920	21,825,654	21,379,163	10,286,267	48.1	11,092,896	51.9	(3)	16.0	4.3
1930	26,982,994	26,492,256	13,288,429	50.2	13,203,827	49.8	23.6	16.3	4.1
1940	31,561,126	31,561,126	14,418,092	45.7	17,143,034	54.3	17.0	7.2	3.7
1950	39,043,595	39,043,595	22,240,970	57.0	16,802,625	43.0	23.7	14.1	3.5
1960	47,868,403	47,868,403	30,821,869	64.4	17,046,534	35.6	22.6	18.1	3.3
Nonwhite									
1890	1,434,983	1,434,983	272,757	19.0	1,162,226	81.0	----	----	5.5
1900	1,900,174	1,769,881	417,143	23.6	1,352,738	76.4	32.4	17.1	4.8
1910	(3)	(3)	(3)	(3)	(3)	(3)	(3)	11.5	(3)
1920	2,526,022	2,431,395	580,693	23.9	1,850,702	76.1	(3)	6.3	4.3
1930	2,921,669	2,829,635	713,645	25.2	2,115,990	74.8	15.7	14.7	4.3
1940	3,293,406	3,293,406	777,671	23.6	2,515,735	76.4	12.7	7.7	4.1
1950	3,782,686	3,782,686	1,318,996	34.9	2,463,690	65.1	14.9	17.1	4.2
1960	5,152,658	5,152,658	1,974,218	38.3	3,178,440	61.7	36.2	30.2	4.0
Residence									
Nonfarm									
1890	7,922,973	7,922,973	2,923,671	36.9	4,999,302	63.1	----	----	(3)
1900	10,274,127	9,779,979	3,566,809	36.5	6,213,170	63.5	29.7	(3)	(3)
1910	14,131,945	13,672,044	5,245,380	38.4	8,426,664	61.6	37.5	(3)	(3)
1920	17,600,472	17,229,394	7,041,283	40.9	10,188,111	59.1	24.5	(3)	4.2
1930	23,300,026	22,917,072	10,549,972	46.0	12,367,100	54.0	32.4	25.0	4.0
1940	27,747,973	27,747,973	11,413,036	41.1	16,334,937	58.9	19.1	9.5	3.7
1950	37,105,259	37,105,259	19,801,646	53.4	17,303,613	46.6	33.7	25.8	3.4
Farm[4]									
1890	4,767,179	4,767,179	3,142,746	65.9	1,624,433	34.1	----	----	(3)
1900	5,689,838	5,649,008	3,638,403	64.4	2,010,605	35.6	19.4	(3)	(3)
1910	6,123,610	6,109,562	3,838,331	62.8	2,271,231	37.2	7.6	(3)	(3)
1920	6,751,204	6,581,164	3,825,677	58.1	2,755,487	41.9	10.2	(3)	4.7
1930	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1	—2.2	—4.6	4.6
1940	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8	7.6	0.2	4.3
1950	5,721,022	5,721,022	3,758,320	65.7	1,962,702	34.3	—19.5	—23.7	4.0

[1] The unit of enumeration was dwelling unit in 1940 and 1950 and housing unit in 1960; see p. 746 for difference in definition. Count of families for 1900 and 1930 represents private families only; that for 1890, 1910, and 1920 includes small number of quasi-family groups which were counted as families in those years.

[2] Since population in private families was not tabulated separately for all years, population per occupied housing unit (or family) is based on total population (including population in quasi-households). See table 9, pp. 12, 13.

[3] Not available.

[4] For 1890 to 1920, "Farm" contains a small proportion of urban-farm families in addition to the rural-farm families. For changes in definition of "Farm," see "Farm and nonfarm residence," p. 2.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *U.S. Census of Housing: 1960*, Advance Reports, Series HC (A1)-52.

No. 1067. Housing Units—Selected Characteristics, by States: 1960

[For definition of median, see headnote, table 19]

STATE	ALL HOUSING UNITS				OCCUPIED HOUSING UNITS					AVAILABLE VACANT HOUSING UNITS, RATE	
	Total	Percent— With all plumbing facilities [1]		Dilapidated or lacking one or more plumbing facilities	Total	Percent—		Medians			
		Sound	Deteriorating			Owner occupied	Occupied by nonwhite	Room	Persons	Homeowner vacancy [2]	Rental vacancy [3]
United States	58,323,672	73.0	8.2	18.8	53,021,061	61.9	9.7	4.9	2.9	1.6	6.7
New England	3,521,410	77.6	8.0	14.4	3,115,910	59.1	2.3	5.2	3.0	1.4	5.4
Maine	364,617	60.4	7.5	32.1	280,355	66.5	0.4	5.4	3.0	1.6	6.8
N.H	224,440	71.4	9.3	19.3	180,020	65.1	0.3	5.3	2.9	1.7	6.1
Vt	136,307	67.1	11.1	21.8	110,732	66.0	0.2	5.8	3.0	1.5	6.2
Mass	1,690,745	80.0	8.3	11.7	1,534,732	55.9	2.3	5.3	2.9	1.2	5.0
R.I	286,757	77.6	6.9	15.5	257,335	54.5	2.1	5.1	2.9	1.2	6.6
Conn	818,544	83.8	7.0	9.2	752,736	61.9	3.8	5.1	3.0	1.5	5.0
Middle Atlantic	11,275,869	80.2	8.8	11.0	10,405,160	55.2	7.7	5.1	2.9	1.2	3.8
N.Y	5,695,431	80.5	9.2	10.3	5,248,261	44.8	8.3	4.7	2.8	1.2	3.2
N.J	1,998,796	84.1	7.4	8.5	1,806,295	61.3	7.6	5.2	3.0	1.3	3.9
Pa	3,581,642	77.5	9.0	13.5	3,350,604	68.3	7.0	5.6	3.0	1.1	5.5
East North Central	11,656,342	76.1	8.2	15.7	10,709,659	66.7	7.3	5.1	3.0	1.4	6.7
Ohio	3,040,915	76.8	8.5	14.7	2,852,321	67.4	7.3	5.3	3.0	1.5	6.6
Ind	1,503,180	72.0	8.8	19.2	1,387,910	71.1	5.1	4.9	2.9	1.3	7.0
Ill	3,275,566	76.9	7.8	15.3	3,084,738	57.8	9.4	4.9	2.8	1.2	5.6
Mich	2,548,363	77.9	8.4	13.7	2,238,650	74.4	8.4	5.3	3.1	1.5	9.7
Wis	1,288,318	74.1	7.2	18.7	1,146,040	68.6	1.9	5.3	3.0	1.2	5.5
West North Central	5,140,074	67.4	8.4	24.2	4,667,702	67.8	3.7	5.0	2.8	1.3	6.7
Minn	1,119,271	69.4	6.8	23.8	991,981	72.1	1.0	5.1	3.0	1.1	6.0
Iowa	905,295	68.5	9.6	21.9	841,357	69.1	0.9	5.4	2.8	1.0	5.4
Mo	1,491,169	64.8	7.5	27.7	1,359,826	64.3	8.2	4.7	2.6	1.6	7.1
N. Dak	194,597	58.8	6.1	35.1	173,362	68.4	1.3	5.0	3.2	1.4	5.3
S. Dak	216,449	60.4	7.9	31.7	194,821	67.2	2.5	5.2	3.0	1.1	5.6
Nebr	472,950	70.9	9.6	19.5	433,448	64.8	2.1	5.1	2.7	1.1	6.0
Kans	740,343	70.7	11.0	18.3	672,907	68.8	4.0	5.1	2.7	1.6	9.4
South Atlantic	8,033,720	66.3	6.7	27.0	7,267,832	61.0	19.0	4.9	3.1	1.9	7.6
Del	143,725	79.6	6.7	13.7	128,582	66.9	12.2	5.7	3.1	1.9	8.5
Md	934,554	80.4	7.1	12.5	863,003	64.5	14.3	5.5	3.2	1.8	6.2
D.C	262,641	83.3	6.9	9.8	252,066	30.0	44.2	3.9	2.3	1.2	3.8
Va	1,170,515	65.3	5.8	28.9	1,074,442	61.3	17.6	5.1	3.2	1.6	6.9
W. Va	574,357	55.6	9.4	35.0	521,142	64.3	4.5	5.0	3.1	1.2	7.9
N.C	1,322,957	56.1	6.7	37.2	1,204,715	60.1	20.8	4.9	3.3	1.1	6.4
S.C	678,379	53.6	6.5	39.9	603,551	57.3	29.3	4.8	3.4	1.3	7.7
Ga	1,170,001	57.7	7.1	35.2	1,070,287	56.2	24.6	4.8	3.2	1.6	5.9
Fla	1,776,591	77.6	5.9	16.5	1,550,044	67.5	14.5	4.7	2.6	3.5	12.7
East South Central	3,606,477	52.3	6.9	40.8	3,307,354	61.8	19.5	4.7	3.1	1.3	6.3
Ky	925,572	52.6	6.2	41.2	851,867	64.3	7.1	4.7	3.1	1.2	6.9
Tenn	1,084,365	56.4	7.1	36.5	1,003,301	63.8	14.7	4.8	3.1	1.5	6.2
Ala	967,595	53.0	7.2	39.8	884,116	59.7	25.8	4.7	3.2	1.6	6.9
Miss	628,945	43.9	6.9	49.2	568,070	57.7	36.5	4.6	3.2	1.0	4.8
West South Central	5,533,346	64.0	9.5	26.5	4,928,135	63.7	14.9	4.6	2.9	2.0	9.6
Ark	586,552	47.4	7.7	44.9	523,552	61.3	18.6	4.5	2.8	1.4	6.1
La	978,452	60.3	8.3	31.4	892,344	59.0	28.5	4.5	3.2	1.8	7.2
Okla	815,685	65.1	11.5	23.4	734,593	67.0	8.0	4.7	2.7	1.6	9.6
Tex	3,152,657	67.9	9.8	22.3	2,777,646	64.8	11.7	4.7	3.0	2.2	11.1
Mountain	2,226,569	73.7	9.4	16.9	1,975,581	65.2	3.8	4.6	3.0	1.8	9.1
Mont	233,310	66.5	10.4	23.1	202,240	64.0	2.3	4.5	2.8	1.4	9.3
Idaho	223,533	71.1	11.5	17.4	193,839	70.5	1.1	4.6	3.0	1.5	9.5
Wyo	113,096	70.5	10.7	18.8	99,187	62.2	1.6	4.4	2.9	1.2	8.0
Colo	594,527	75.2	8.6	16.2	529,424	63.8	2.7	4.7	2.8	1.7	8.1
N. Mex	281,976	68.3	8.6	23.1	251,209	65.3	5.8	4.4	3.4	1.6	9.2
Ariz	415,834	75.3	8.8	15.9	366,630	63.9	7.7	4.5	3.0	2.4	10.8
Utah	262,670	81.0	10.5	8.5	241,532	71.7	1.6	4.8	3.3	1.9	8.7
Nev	101,623	80.1	8.0	11.9	91,520	56.3	5.8	4.2	2.6	1.7	8.4
Pacific	7,329,865	83.1	8.0	8.9	6,643,728	60.2	7.4	4.7	2.7	2.1	8.8
Wash	1,009,519	77.5	10.2	12.3	894,168	68.5	2.9	4.8	2.7	1.8	11.8
Oreg	622,861	75.5	11.6	12.9	558,222	69.2	1.7	4.9	2.7	1.6	9.2
Calif	5,464,786	85.7	7.1	7.2	4,981,024	58.4	7.0	4.7	2.7	2.2	8.5
Alaska	67,193	56.5	9.6	33.9	57,250	48.3	16.3	3.7	3.2	1.8	6.8
Hawaii	165,506	68.9	10.5	20.6	153,064	41.1	64.1	4.5	3.6	1.1	4.1

[1] Includes hot and cold running water inside the structure, flush toilet and bathtub or shower inside the structure for exclusive use of the people in the unit.
[2] Base is total of units occupied by owners and available vacant units for sale.
[3] Base is total of units occupied by renters and available vacant units for rent.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Advance Reports, Series HC(A1)-52.

No. 1068. Housing Units—Tenure, Condition and Plumbing, Rooms, and Persons Per Room: 1960

[Includes Alaska and Hawaii]

ITEM	Total	Nonwhite
All housing units	58,323,672	(1)
TENURE AND VACANCY STATUS		
Owner-occupied units	32,796,087	1,974,218
Percent of all occupied	61.9	38.3
Renter-occupied units	20,224,974	3,178,440
Available vacant units	1,974,918	(1)
For rent	1,453,133	(1)
For sale only	521,785	(1)
Other vacant	3,327,693	(1)
CONDITION AND PLUMBING		
Sound	46,914,583	2,797,274
With all plumbing facilities	42,605,333	2,217,045
Lacking only hot water	504,450	580,229
Lacking private toilet or bath or running water	3,804,800	
Deteriorating	8,384,162	1,470,261
With all plumbing facilities	4,766,330	626,990
Lacking only hot water	353,127	843,271
Lacking private toilet or bath or running water	3,264,705	
Dilapidated	3,024,927	885,133
ROOMS		
Units with 1 room	1,829,727	243,277
Units with 2 rooms	2,800,177	408,294
Units with 3 rooms	7,074,499	1,009,211
Units with 4 rooms	12,399,003	1,343,164
Units with 5 rooms	14,204,911	1,013,816
Units with 6 rooms	11,028,401	705,234
Units with 7 rooms	4,949,991	244,580
Units with 8 or more rooms	4,036,963	185,150
Median rooms per unit	4.9	4.2
PERSONS		
Units with 1 person	7,405,473	811,082
Units with 2 persons	14,883,515	1,194,484
Units with 3 persons	9,778,343	829,685
Units with 4 persons	9,117,768	676,528
Units with 5 persons	5,816,521	519,328
Units with 6 or more persons	6,019,441	1,121,330
Median persons per unit	2.9	3.2
PERSONS PER ROOM		
Units with 0.50 or less	22,312,130	1,591,619
Units with 0.51 to 1.00	24,578,624	2,104,086
Units with 1.01 or more	6,130,307	1,457,622

[1] Not available.

Source: Department of Commerce, Bureau of the Census; *Congressional District Data Book (Districts of the 87th Congress)*, 1961.

No. 1069. Low-Rent Dwelling Units Supervised by the Public Housing Administration, by Program: 1950 to 1960

[As of December 31. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

PROGRAM	1950 [1]	1955 [1]	1958	1959	1960		
					Total	Federally owned	Locally owned
Total	302,146	489,744	557,229	585,212	593,336	1,991	591,345
CONSTRUCTION STATUS							
Under management	201,736	413,558	444,173	465,231	477,318	1,991	475,327
Under construction	31,507	21,059	30,007	23,886	37,095	----------	37,095
Not yet under construction	68,903	55,127	83,049	96,095	78,923	----------	78,923
PROGRAM							
Public Law 171	101,657	270,335	345,520	374,394	385,974	----------	385,974
Public Law 412	118,649	117,049	117,004	116,979	114,170	----------	114,170
Public Law 671	50,594	49,356	47,960	47,410	46,843	226	46,617
Public Works Administration	21,640	21,360	21,062	21,063	21,063	1,182	19,881
Farm labor camps	9,606	9,037	867	583	583	583	----------
Public Law 475	----------	22,607	24,816	24,783	24,703	----------	24,703

[1] Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homestead associations on which PHA has mortgages for collection.

Source: Housing and Home Finance Agency, Public Housing Administration; *Annual Report.*

No. 1070. Contract and Gross Monthly Rent of Renter-Occupied Nonfarm Dwelling Units: 1940, 1950, and 1956

[**In thousands.** Excludes Alaska and Hawaii. Contract monthly rent is the rent at the time of enumeration, as contracted for by the renter, regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services sometimes supplied. Gross monthly rent is contract monthly rent plus the reported average monthly cost of utilities (electricity, gas, water) and other fuels (such as coal, oil, kerosene, and wood) if these items were paid for by the renter in addition to contract monthly rent. If furniture was included in the contract rent, the reported estimated rent of the dwelling unit without furniture was used for the computation rather than the contract rent]

ITEM	1940		1950		1956	
	Number	Percent	Number	Percent	Number	Percent
Total dwelling units	**16,335**		**17,304**		**17,794**	
CONTRACT MONTHLY RENT						
Number reporting	[1] 16,178	100.0	15,503	100.0	15,946	100.0
Less than $20	7,320	45.2	2,803	18.1	1,056	6.6
$20 to $29	3,853	23.8	3,047	19.7	1,723	10.8
$30 to $39	2,526	15.6	3,178	20.5	2,046	12.8
$40 to $49	1,300	8.0	2,577	16.6	2,377	14.9
$50 to $59	570	3.5	1,603	10.3	2,512	15.8
$60 to $69	491	3.0	1,931	12.5	2,246	14.1
$70 to $79					1,470	9.2
$80 to $89					937	5.9
$90 to $99					501	3.1
$100 to $119	118	0.7	363	2.3	604	3.8
$120 or more					476	3.0
Median rent	$22		$36		$53	
No cash rent	(2)		1,257		1,057	
Not reported	157		543		792	
GROSS MONTHLY RENT						
Number reporting	15,144	100.0	15,190	100.0	15,463	100.0
Less than $20	4,753	31.4	1,374	9.0	499	3.2
$20 to $29	3,606	23.8	2,176	14.3	1,036	6.7
$30 to $39	3,029	20.0	3,123	20.6	1,492	9.6
$40 to $49	1,967	13.0	3,105	20.4	2,148	13.9
$50 to $59	925	6.1	2,302	15.2	2,424	15.7
$60 to $69	741	4.9	2,681	17.7	2,387	15.4
$70 to $79					1,786	11.5
$80 to $89					1,284	8.3
$90 to $99					880	5.7
$100 to $119	123	0.8	429	2.8	875	5.7
$120 or more					652	4.2
Median rent	$27		$42		$60	
Rent free or not reported	1,191		2,114		2,331	

[1] Includes units for which no cash rent was reported, distributed among the value classes on the basis of estimated monthly rental value for similar units in the neighborhood.
[2] Not applicable; see footnote 1.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. III, and *1956 National Housing Inventory*, Vol. III.

No. 1071. Value of Owner-Occupied Nonfarm Dwelling Units: 1940, 1950, and 1956

[**In thousands.** Excludes Alaska and Hawaii. Value represents the amount which the owner-occupant estimated that the property, including the structure and its land, would sell for under ordinary conditions and not at forced sale. For definition of median, see headnote, table 19]

VALUE CLASS	1940 [1]		1950 [2]		1956 [2]	
	Number	Percent	Number	Percent	Number	Percent
Total dwelling units	**15,196**		**15,878**		**22,501**	
Number reporting	14,296	100.0	14,974	100.0	21,676	100.0
Less than $4,000	10,405	72.8	3,117	20.8	2,116	9.8
$4,000 to $5,999	2,139	15.0	2,392	16.0	1,936	8.9
$6,000 to $7,999	1,240	8.7	4,731	31.6	2,148	9.9
$8,000 to $9,999					2,697	12.4
$10,000 to $11,999	313	2.2	2,995	20.0	2,823	13.0
$12,000 to $14,999					3,524	16.3
$15,000 to $17,999	102	0.7	1,008	6.7	2,700	12.5
$18,000 to $19,999					965	4.5
$20,000 or more	97	0.7	731	4.9	2,768	12.8
Median value	$2,377		$7,400		$11,400	
Not reported	900		905		824	

[1] Value was obtained for each owner-occupied unit in 1- to 4-dwelling-unit structures. If the unit was in a structure that contained more than 1 dwelling unit, or a part of the structure was used for business purposes, value reported represented only that portion occupied by the owner and his household.
[2] Restricted to 1-dwelling-unit structures without business and with only 1 dwelling unit in property.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. II, and *1956 National Housing Inventory*, Vol. III.

No. 1072. Market Value, Mortgage Debt, and Interest Rate of Owner-Occupied Mortgaged Nonfarm Properties: 1890 to 1956

[Excludes Alaska and Hawaii. For definition of median, see headnote, table 19]

ITEM	ALL PROPERTIES		PROPERTIES WITH ONE DWELLING UNIT		
	1890	1920	1940	1950	1956
MARKET VALUE AND OUTSTANDING MORTGAGE DEBT					
Total number of properties ... 1,000	810	2,855	4,026	7,052	12,713
Number reporting value and debt ... do	----------	2,736	3,745	7,027	11,371
Total value ... $1,000,000	2,632	14,099	16,490	[1] 65,014	[1] 170,085
Total debt ... do	1,047	6,000	8,634	28,566	84,848
Average value ... dollars	3,250	4,938	4,403	9,219	13,379
Median value ... do	----------	----------	----------	8,516	12,416
Average debt ... do	1,293	2,102	2,305	4,051	6,674
Median debt ... do	----------	----------	----------	3,427	6,338
Ratio of debt to value, median	----------	----------	----------	43	52
INTEREST RATE ON FIRST MORTGAGE LOAN (percent distribution)					
Total properties	100.0	100.0	100.0	100.0	100.0
Less than 4.0 percent	1.7	2.0	0.8	2.0	2.4
4.0 percent			1.8	24.5	14.6
4.1 to 4.4 percent			0.1	0.4	3.6
4.5 percent			17.3	20.1	36.2
4.6 to 4.9 percent			(2)	0.1	0.7
5.0 percent	11.0	8.3	19.8	22.4	19.0
5.1 to 5.9 percent	2.3	5.9	7.7	2.7	3.8
6.0 percent	44.3	58.1	44.6	24.8	17.8
6.1 to 6.9 percent	1.4	1.7	1.0	0.4	0.4
7.0 percent	11.5	12.1	4.2	1.0	1.6
7.1 to 7.9 percent	1.0	0.5	0.3	0.2	
8.0 percent or more	26.8	11.3	2.5	1.3	
Median interest rate	6.0	6.0	6.0	5.0	4.5

[1] Estimated from midpoints of distribution. [2] Less than 0.05 percent.

Source: Prior to 1950, Ratcliff, Rathbun, and Honnold, *Residential Finance, 1950*, John Wiley and Sons, New York, N.Y.; thereafter, Department of Commerce, Bureau of the Census, *U.S. Census of Housing: 1950*, Vol. IV, and *1956 National Housing Inventory*, Vol. II.

No. 1073. Mortgage Status of Nonfarm Owner-Occupied Dwelling Units: 1890 to 1956

[Excludes Alaska and Hawaii. For 1940, 1950, and 1956, mortgage statistics are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business. An owner-occupied dwelling unit was reported as mortgaged if property on which it was located had an indebtedness in form of a mortgage or deed of trust, or if occupants had contract to purchase property. For 1920 and earlier, mortgage data are for owner-occupied units in all types of structures. Although types of units for which mortgage data were reported are not the same for all censuses, differences are not large enough to invalidate comparisons. See also *Historical Statistics, Colonial Times to 1957*, series N 190–194]

CENSUS YEAR	Total owner-occupied dwelling units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890	2,923,671	2,923,671	809,933	27.7	2,113,738
1900	3,566,809	3,394,967	1,086,605	32.0	2,308,362
1910	5,245,380	5,109,916	1,701,062	33.3	3,408,854
1920	7,041,283	6,867,546	2,735,668	39.8	4,131,878
1930	10,549,972	(1)	(1)	(1)	(1)
1940	11,413,036	10,611,259	4,804,778	45.3	5,806,481
1950	19,801,646	17,795,844	7,825,116	44.0	9,970,728
Urban	14,376,594	13,296,133	6,429,743	48.4	6,866,390
Rural nonfarm	5,425,052	4,499,711	1,395,373	31.0	3,104,338
1956	25,636,941	25,636,941	14,203,178	59.4	11,433,763

[1] Not available.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1956 National Housing Inventory*, Vol. II.

No. 1074. Mortgaged Nonfarm Dwelling Units—Percent Distribution by Type of Loan and Market Value, and Downpayment as Percent of Purchase Price: 1950 and 1956

[Excludes Alaska and Hawaii. Covers owner-occupied single-family nonfarm mortgaged properties]

Item	Total		FHA		VA		Conventional	
	1950	1956	1950	1956	1950	1956	1950	1956
Mortgaged properties	100	100	17	19	15	26	69	56
Outstanding debt	100	100	24	21	22	34	55	45
Market value	100	100	100	100	100	100	100	100
Less than $6,000	26	10	4	2	18	4	32	15
$6,000 to $9,999	37	21	46	20	49	22	32	22
$10,000 to $14,999	25	35	38	45	27	48	21	26
$15,000 to $19,999	8	20	8	24	5	21	8	19
$20,000 or more	5	14	3	9	1	6	6	19
Downpayment as percent of purchase price	100	100	100	100	100	100	100	100
0 percent	15	17	12	9	33	29	10	14
1 to 10 percent	12	16	18	15	22	32	6	8
11 to 20 percent	19	18	30	25	22	21	14	14
21 to 30 percent	16	16	20	26	12	9	17	16
31 to 40 percent	15	14	12	17	6	5	19	18
41 or more	23	19	8	8	5	4	34	30
Median	23	19	17	21	9	7	32	29

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication), February 1959. Based on Bureau of the Census data from *U.S. Census of Housing: 1950*, Vol. IV, and *1956 National Housing Inventory*, Vol. II.

No. 1075. Mortgage Debt Outstanding, by Type of Property and Holder: 1940 to 1960

[**In billions of dollars.** As of December 31. Excludes Alaska and Hawaii, except as noted]

Year	All properties			Nonfarm					Farm	
	All holders	Financial institutions [1]	Other holders	All holders	1- to 4-family houses		Multi-family and commercial properties [2]		All holders	Financial institutions [1]
					Total	Financial institutions [1]	Total	Financial institutions [1]		
1940	36.5	19.5	16.9	30.0	17.4	10.2	12.6	7.8	6.5	1.5
1945	35.5	21.0	14.5	30.8	18.6	12.2	12.2	7.4	4.8	1.3
1950	72.8	51.7	21.1	66.7	45.2	35.4	21.6	14.0	6.1	2.3
1951	82.3	59.5	22.8	75.6	51.7	41.1	23.9	15.9	6.7	2.6
1952	91.4	66.9	24.5	84.2	58.5	46.8	25.7	17.2	7.3	2.8
1953	101.3	75.1	26.3	93.6	66.1	53.6	27.5	18.5	7.8	3.0
1954	113.7	85.7	28.0	105.4	75.7	62.5	29.7	19.9	8.3	3.3
1955	129.9	99.3	30.6	120.9	88.2	73.8	32.6	21.8	9.1	3.6
1956	144.5	111.2	33.3	134.6	99.0	83.4	35.6	23.9	9.9	3.9
1957	156.6	119.7	36.9	146.1	107.6	89.9	38.5	25.8	10.5	4.0
1958	171.9	131.5	40.4	160.7	117.7	98.5	43.0	28.8	11.3	4.2
1959	191.1	145.4	45.7	178.8	130.8	109.1	47.9	31.8	12.3	4.5
1960 (prel.)	206.5	157.6	48.9	193.4	141.8	118.6	51.6	34.4	13.1	4.7

[1] Comprises commercial banks (including nondeposit trust companies but not trust departments), mutual savings banks, life insurance companies, and savings and loan associations. Includes Alaska and Hawaii, except data for life insurance companies.

[2] Derived figures, which include negligible amount of farm loans held by savings and loan associations.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin*.

No. 1076. Mortgage Activity of Life Insurance Companies and Savings and Loan Associations: 1940 to 1960

[**In millions of dollars.** Savings and loan associations data include Alaska, Hawaii, Puerto Rico, and Guam]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960
LIFE INSURANCE COMPANIES									
Loans acquired	--------	976	4,894	6,623	6,715	5,230	5,277	5,975	6,074
Nonfarm	--------	--------	4,532	6,108	6,201	4,823	4,839	5,479	5,600
FHA insured	--------	--------	1,486	971	842	653	1,301	1,535	1,393
VA guaranteed	--------	--------	938	1,839	1,652	831	195	199	303
Other	--------	--------	2,108	3,298	3,707	3,339	3,343	3,745	3,904
Farm	--------	--------	362	515	514	407	438	496	474
Loans outstanding (end of year)	5,972	6,636	16,102	29,445	32,989	35,236	37,062	39,197	41,798
Nonfarm	5,073	5,860	14,775	27,172	30,508	32,652	34,395	36,370	38,803
FHA insured	668	1,394	4,573	6,395	6,627	6,751	7,443	8,273	9,043
VA guaranteed	--------	--------	2,026	6,074	7,304	7,721	7,433	7,086	6,929
Other	4,405	4,466	8,176	14,703	16,577	18,180	19,519	21,011	22,831
Farm	899	776	1,327	2,273	2,481	2,584	2,667	2,827	2,995
SAVINGS AND LOAN ASSOCIATIONS									
Loans made [1]	1,200	1,913	5,237	11,255	10,325	10,160	12,182	15,151	14,304
New construction	399	181	1,767	3,984	3,699	3,484	4,050	5,201	4,678
Home purchase	426	1,358	2,246	5,155	4,620	4,591	5,172	6,613	6,132
Loans outstanding (end of year) [2]	4,125	5,376	13,657	31,408	35,729	40,007	45,627	53,194	60,084
FHA insured	--------	--------	848	1,404	1,486	1,643	2,206	2,997	3,523
VA guaranteed	--------	--------	2,973	5,883	6,643	7,011	7,077	7,192	7,211
Conventional [2]	--------	--------	9,836	24,121	27,600	31,353	36,344	43,005	49,350

[1] Includes loans for other purposes (for repair, additions and alterations, refinancing, etc.) not shown separately.
[2] Beginning 1958, includes shares pledged against mortgage loans.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin.*

No. 1077. Nonfarm Mortgages Recorded—Mortgages of $20,000 or Less, by Type of Mortgagee: 1940 to 1960

[**Numbers in thousands; amounts in millions of dollars.** Excludes Alaska and Hawaii. Estimates based on recordings in 450 counties and similar political subdivisions, which contain over one-half of the 1- to 4-family nonfarm dwelling units. See also *Historical Statistics, Colonial Times to 1957*, series N 173–178]

MORTGAGEE	1940	1945	1950	1955	1956	1957	1958	1959	1960
NUMBER									
Total	**1,456**	**1,639**	**3,032**	**3,913**	**3,602**	**3,246**	**3,441**	**3,782**	**3,472**
Savings and loan associations	503	575	935	1,373	1,202	1,122	1,213	1,378	1,260
Insurance companies	68	47	227	191	169	134	126	125	105
Commercial banks	316	299	628	783	724	587	668	704	574
Mutual savings banks	45	52	165	210	197	153	165	171	149
Individuals	340	499	610	726	734	736	692	757	756
Miscellaneous mortgagees	184	167	466	631	575	514	577	647	628
AMOUNT									
Total	**4,031**	**5,650**	**16,179**	**28,484**	**27,088**	**24,244**	**27,388**	**32,235**	**29,341**
Average amount ... dol.	2,769	3,448	5,335	7,279	7,521	7,469	7,959	8,522	8,451
Savings and loan associations	1,284	2,017	5,060	10,452	9,532	9,217	10,516	13,094	12,158
Insurance companies	334	250	1,618	1,932	1,799	1,472	1,460	1,523	1,318
Commercial banks	1,006	1,097	3,365	5,617	5,458	4,264	5,204	5,832	4,520
Mutual savings banks	170	217	1,064	1,858	1,824	1,429	1,640	1,780	1,557
Individuals	640	1,402	2,299	3,362	3,558	3,554	3,435	3,946	4,001
Miscellaneous mortgagees	598	666	2,774	5,265	4,917	4,307	5,133	6,060	5,787

Source: Federal Home Loan Bank Board.

No. 1078. Mortgage Loans on One- to Four-Family Nonfarm Homes—Estimated Balance Outstanding, by Type of Mortgagee: 1945 to 1960

[**In millions of dollars.** Includes Alaska and Hawaii. Represents estimates on basis of recent surveys and more detailed analyses of mortgage holdings. See also *Historical Statistics, Colonial Times to 1957*, series N 161, for total]

MORTGAGEE	1945	1950	1953	1954	1955	1956	1957	1958	1959	1960 (prel.)
Total	**18,591**	**45,170**	**66,094**	**75,677**	**88,250**	**99,037**	**107,617**	**117,686**	**130,909**	**141,787**
Savings and loan associations	5,156	13,116	20,999	25,004	30,001	34,040	37,996	42,890	49,587	55,883
Life insurance companies	2,306	8,478	13,195	15,153	17,661	20,130	21,441	22,374	23,586	25,060
Mutual savings banks	1,894	4,312	7,373	9,002	11,100	12,990	14,110	15,640	16,887	18,367
Commercial banks	2,875	9,481	12,025	13,300	15,075	16,245	16,385	17,628	19,200	19,258
Home Owners' Loan Corporation	852	10	-------	-------	-------	-------	-------	-------	-------	-------
Federal National Mortgage Association	7	1,328	2,358	2,328	2,444	2,866	3,777	3,580	4,938	5,476
Individuals and others	5,501	8,445	10,144	10,890	11,969	12,766	13,908	15,574	16,711	17,743

Source: Federal Home Loan Bank Board; *Annual Report.*

No. 1079. Residential Loans Underwritten by FHA and VA: 1940 to 1960

[**In millions of dollars.** Includes Alaska and Hawaii. FHA-insured loans represent gross amount of insurance written; VA-guaranteed loans, gross amount of loans closed. Figures do not take account of principal repayments on previously insured or guaranteed loans. For VA-guaranteed loans, amounts by type are derived from data on number and average amount of loans closed. See also *Historical Statistics, Colonial Times to 1957*, series N 179–185]

ITEM	1940	1945	1950	1955	1956	1957	1958	1959	1960
FHA-insured loans	991	665	4,343	3,807	3,461	3,715	6,349	7,694	6,293
Home mortgages:									
New properties	588	257	1,637	1,269	1,133	880	1,666	2,563	2,197
Existing properties	175	217	856	1,816	1,505	1,371	2,885	3,507	2,403
Project type mortgages	13	20	1,157	76	130	595	929	628	711
Property improvement loans [1]	216	171	694	646	692	869	868	997	982
VA-guaranteed loans [2]	-------	192	3,072	7,156	5,868	3,761	1,865	2,787	1,985
Home mortgages:									
New properties	-------	-------	1,865	4,582	3,910	2,890	1,311	2,051	1,554
Existing properties	-------	-------	1,202	2,564	1,948	863	549	730	428

[1] Not ordinarily secured by mortgages.
[2] Includes a small amount of alteration and repair loans, not shown separately; only such loans in amounts of more than $1,000 need be secured.

Source: Board of Governors of the Federal Reserve System. Figures published currently in *Federal Reserve Bulletin.*

No. 1080. Percent Distribution of Home Loans Guaranteed by VA, by Purchase Price, Mortgage Maturity, and Downpayment Status: 1955 to 1960

[Includes data for all veterans, regardless of place of residence. Based on complete count of loans]

PURCHASE PRICE, MATURITY, AND DOWNPAYMENT STATUS	NEW HOMES				EXISTING HOMES			
	1955	1958	1959	1960	1955	1958	1959	1960
PURCHASE PRICE								
All price ranges	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $8,000	2.1	0.4	0.2	0.1	18.4	14.4	14.8	15.7
$8,000 to $9,999	15.0	3.2	3.8	1.8	20.3	14.6	15.6	17.1
$10,000 to $11,999	29.8	14.2	14.5	11.5	22.2	17.2	17.4	18.4
$12,000 to $14,999	38.4	40.6	44.2	39.1	23.7	26.1	24.9	25.4
$15,000 to $19,999	13.0	34.6	31.2	39.8	12.1	20.5	20.6	18.0
$20,000 and over	1.7	7.0	6.1	7.7	3.3	7.2	6.7	5.4
Average purchase price	$12,476	$14,763	$14,593	$15,327	$11,343	$12,648	$12,609	$12,238
MORTGAGE MATURITY								
All maturities	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 25 years	5.3	4.8	1.7	1.4	50.5	51.3	43.4	43.0
25 years	32.7	12.8	5.1	3.9	37.6	27.4	30.8	31.3
26 to 30 years	62.0	82.4	93.2	94.7	11.9	21.3	25.8	25.7
DOWNPAYMENT STATUS								
All loans	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
With downpayments	46.6	70.8	34.3	30.2	80.3	86.7	77.1	66.5
With no downpayments	53.4	29.2	65.7	69.8	19.7	13.3	22.9	33.5

Source: Veterans Administration.

No. 1081. Financial Characteristics of Home Loans Guaranteed by VA, by Monthly Income of Purchasers: 1960

[Includes data for all veterans, regardless of place of residence. Based on a 10-percent sample of loan applications submitted to VA for prior approval, which constitute about 75 percent of the total. The remaining loans, made by supervised lenders on an automatic basis, do not contain data on income and liquid assets of the purchasers]

ITEM	All incomes	MONTHLY INCOME (AFTER TAXES)				
		Less than $300	$300 to $399	$400 to $499	$500 to $699	$700 and over
New and existing homes (averages):						
Liquid assets of purchaser	$1,725	$680	$1,090	$1,395	$2,010	$3,600
Purchase price	$14,465	$8,945	$12,000	$14,005	$15,935	$18,475
Loan	$14,070	$8,805	$11,740	$13,670	$15,455	$17,775
Downpayment	$395	$140	$260	$335	$480	$700
Percent of purchase price	2.7	1.6	2.2	2.4	3.0	3.8
Percent of liquid assets	22.9	20.6	23.9	24.0	23.9	19.4
Monthly income after taxes	$504.10	$271.80	$360.30	$445.60	$575.15	$859.80
Monthly housing expense [1]	$130.25	$89.65	$110.30	$126.20	$142.20	$162.35
Percent of income after taxes	25.8	33.0	30.6	28.3	24.7	18.9
Percent of loans	100.0	100.0	100.0	100.0	100.0	100.0
New homes	81.9	46.2	74.3	82.2	87.4	90.6
Existing homes	18.1	53.8	25.7	17.8	12.6	9.4

[1] Repayments of mortgage principal and interest with an additional allowance for taxes, insurance, heat, utilities, and maintenance.

Source: Veterans Administration.

No. 1082. Estimated Nonfarm Real Estate Foreclosures: 1930 to 1960

[Excludes Alaska and Hawaii. Based on data from approximately 1,700 counties, cities, townships, or other government divisions. Represents number of properties acquired through foreclosure proceedings. Excludes voluntary deeds of sale in lieu of foreclosure and defaults on real estate contracts. See also *Historical Statistics, Colonial Times to 1957*, series N 189]

YEAR	Foreclosures	YEAR	Foreclosures	YEAR	Foreclosures
1930	150,000	1946	10,453	1954	26,211
1935	228,713	1947	10,559	1955	28,529
1940	75,556	1948	13,052	1956	30,903
1941	58,559	1949	17,635	1957	34,204
1942	41,997	1950	21,537	1958	42,367
1943	25,281	1951	18,141	1959	44,075
1944	17,153	1952	18,135	1960	51,353
1945	12,706	1953	21,473		

Source: Federal Home Loan Bank Board.

No. 1083. Urban Planning Assistance Program—Summary: 1954 to 1960

[Includes Alaska, Hawaii, and Guam. Represents urban planning assistance (*a*) for cities, other municipalities, and counties with a population under 50,000 and for groups of adjacent communities, incorporated or unincorporated, with a total population of less than 50,000; (*b*) for metropolitan and regional areas; (*c*) for cities, other municipalities, and counties which have suffered a major disaster; (*d*) for areas which are or expected to become Federally impacted; and (*e*) for State and interstate comprehensive planning. Metropolitan, regional, disaster, and Federally impacted areas are assisted by planning grants to either State planning agencies or metropolitan, regional, or other qualified planning agencies; all other assistance takes the form of planning grants to State planning agencies]

ITEM	Cumulative total	NET CHANGE						
		1954 [1]	1955	1956	1957	1958	1959	1960
Total grants approved [2] $1,000	13,400	16	459	1,235	2,693	2,203	2,056	4,738
Disbursed ..... do	8,894	-------	50	419	1,479	1,667	2,196	3,083
Planning assistance to small areas:								
Projects approved	312	-------	7	20	40	55	48	142
Different localities involved	1,464	-------	75	165	292	324	156	452
Planning for metropolitan, regional, disaster, and Federally impacted areas:								
Projects approved	169	1	7	14	27	21	52	47
Different areas involved	112	1	8	12	19	16	38	18
State wide planning:								
Projects approved	12	-------	-------	-------	-------	-------	-------	12
Different States involved	10	-------	-------	-------	-------	-------	-------	10

[1] First approval under this program took place in November 1954.
[2] Represents the Federal contribution to defray the costs of urban planning authorized by the program.

Source: Housing and Home Finance Agency, Urban Renewal Administration; *Annual Report*, and records.

No. 1084 Urban Renewal Program—Summary: 1949 to 1960

[**Money figures in thousands of dollars.** Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Represents financial assistance to localities under Title I of the Housing Act of 1949, as amended. Primarily, planning advances, loans, and grants are made to local agencies by the Urban Renewal Administration for slum clearance and redevelopment projects, and conservation or reconditioning projects]

Item	Cumulative total	Net change						
		1949–1954 [1]	1955	1956	1957	1958	1959	1960
Grant authority reserved or earmarked [2]	1,875,055	377,171	176,622	273,944	193,318	305,183	64,628	484,189
Urban renewal projects	1,869,601	377,171	176,495	273,019	192,610	304,878	64,475	480,953
Community renewal programs	2,664	----------	----------	----------	----------	----------	----------	2,664
Demonstration grants	2,790	----------	127	925	708	305	153	572
URBAN RENEWAL PROJECTS								
Localities participating	475	188	30	47	36	85	31	58
Total projects	870	278	62	92	62	154	51	171
Completed	41	----------	----------	1	3	6	16	15
Active	829	278	62	91	59	148	35	156
Execution	444	87	23	22	57	92	84	79
Planning [3]	385	191	39	69	2	56	−49	77
Capital grants:								
Grants disbursed to projects	364,818	21,270	37,559	16,089	30,220	49,692	78,464	131,524
Grants disbursed to repay advances	3,441	----------	----------	----------	----------	----------	----------	3,441
Temporary loans: [4]								
Contracts authorized (net)	1,540,980	132,075	52,832	52,064	217,844	346,933	359,653	379,579
Federal loans:								
Disbursed	383,203	55,589	18,203	21,294	31,397	51,540	96,288	108,892
Outstanding	64,673	37,835	−10,475	6,211	9,661	24,345	7,218	−10,122
Non-Federal "guaranteed" loans: [5]								
Gross amount	813,790	22,750	34,041	43,074	74,132	109,062	235,175	295,556
Outstanding	582,550	15,830	20,222	31,376	59,592	83,471	165,033	207,026
Planning advances: [6]								
Contracts authorized (net)	66,494	14,002	5,983	9,820	6,024	9,901	5,375	15,389
Disbursed	48,637	10,027	2,406	3,920	5,171	7,934	8,220	10,959
Outstanding	17,417	6,688	1,243	1,641	2,429	2,174	2,040	1,202
COMMUNITY RENEWAL PROGRAMS								
Localities participating	7	----------	----------	----------	----------	----------	----------	7
Grants disbursed	235	----------	----------	----------	----------	----------	----------	235
DEMONSTRATION GRANTS								
Projects approved	34	----------	6	12	6	3	1	6
Grants disbursed	1,787	----------	21	202	398	387	431	348

[1] First approval under this program took place in March 1950.
[2] Represents the Federal Government's contribution (*a*) to the net costs of local slum clearance and urban renewal projects, preparation of community renewal programs, and demonstrations, (*b*) to reimburse local public agencies for certain costs of relocating displaced families, individuals, and business concerns, and (*c*) to repay planning advances not collected from terminated projects.
[3] Includes preparation of general neighborhood renewal plans, as well as plans for individual projects.
[4] Represents Federal assistance to finance expenditures involved in the execution of slum clearance and urban renewal projects. Temporary loan contracts may be used by local public agencies to borrow funds for project expenditures from non-Federal sources.
[5] Excludes amounts borrowed to refinance previous borrowings.
[6] Represents Federal assistance for the conduct of surveys and preparation of project plans.

Source: Housing and Home Finance Agency, Urban Renewal Administration; *Annual Report*, and records.