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.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, 1789–1945*, series F 155") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*, and its *Continuation to 1952*. See preface.

Note.—This section presents data for the most recent year or period available on May 23, 1958, when the [redacted]

No. 917.—Fisheries—Summary of Total Catch and Value: 1930 to 1957

[Includes Alaska. Data for 1944 and 1946-1949 partly estimated. See also *Historical Statistics, 1789–1945*, series F 155]

No. 918.—Fisheries—Employment, Fishing Craft, and Establishments: 1940, 1950, and 1957

ITEM	1940	1950	1957	ITEM	1940	1950	1957
Persons employed	428,965	568,394	555,300	**Craft utilized**—Con.			
Direct employment:				Transporting craft:			
Fishermen	124,795	161,463	142,000	Vessels, 5 net tons and over	1,325	1,313	1,150
Transporters	3,955	4,916	3,300	Motor boats	726	827	900
Shore workers	90,215	102,015	100,000				
Indirect employment, allied industries [1]	210,000	300,000	310,000	**Fishery shore establishments**	3,055	3,883	4,225
				Alaska	228	216	160
Craft utilized	73,861	94,450	84,050	Pacific Coast States	351	484	410
Fishing craft:				Atlantic Coast and Gulf States	2,038	2,699	2,975
Vessels, 5 net tons and over	5,562	11,496	12,000	Great Lakes and Mississippi States	438	484	680
Motor boats	31,055	46,067	58,000				
Other boats	35,193	34,747	12,000				

[1] Gear manufacture, boat building, processing equipment, etc.

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

No. 919.—Fisheries—Fishermen, Fishing Craft, and Catch, by Areas: 1956

[See also *Historical Statistics, 1789–1945*, series F 166–192, 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*
Total	143,972	11,975	70,186	5,252	4,664	588	369,018	216,737	152,281
New England States	21,376	832	12,808	1,015	957	59	59,273	33,551	25,722
Middle Atlantic States	9,623	653	4,175	1,054	1,014	41	30,823	17,898	12,925
Chesapeake Bay States	19,878	829	11,992	376	282	94	32,772	8,471	24,301
South Atlantic and Gulf States	40,447	4,261	16,692	1,344	1,060	284	105,298	27,149	78,149
Pacific Coast States	21,004	2,912	5,978	862	790	73	84,810	76,143	8,667
Great Lakes States	3,686	557	1,315	81	81	[2]	10,164	10,164	[1]
Mississippi River States	14,500	-------	13,103	91	68	23	8,139	7,289	850
Alaska	13,458	1,931	4,153	428	413	15	37,739	36,072	1,667

[1] Refers to craft having capacity of less than 5 net tons.
[2] Less than 500,000.

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

No. 920.—Fisheries—Catch of Principal Species: 1931 to 1957

[In thousands of pounds. Includes Alaska. See also *Historical Statistics, 1789–1945*, series F 160]

GROUP AND SPECIES	1931	1939	1945	1950	1954	1955	1956	1957
FISH								
Cod	112,303	124,347	153,027	65,436	53,476	48,672	44,952	44,822
Haddock	195,419	178,524	154,988	158,559	154,934	135,035	152,246	133,600
Herring, sea	169,574	262,810	236,919	363,765	166,701	172,312	257,631	271,900
Mackerel	61,645	113,503	112,390	54,744	29,410	27,181	54,047	141,500
Menhaden	230,398	575,480	778,464	1,026,318	1,737,767	1,867,783	2,097,239	1,684,300
Pilchard or sardine	300,204	1,240,975	849,971	714,522	136,504	145,608	69,554	40,600
Salmon	601,095	526,978	498,892	328,645	324,715	289,880	324,249	257,200
Tuna and tuna-like	60,059	182,165	185,925	392,273	325,309	270,652	329,680	297,100
Ocean perch	237	78,206	131,834	207,793	[1] 181,452	[1] 156,989	151,113	133,300
SHELLFISH								
Crabs	83,701	109,414	121,050	159,278	140,647	135,733	143,399	[2]
Shrimp	99,432	150,250	191,345	191,474	268,334	244,335	224,173	204,400
Oysters	101,036	93,006	75,655	76,415	81,922	77,515	75,134	[2]

[1] 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. 921.—Fisheries—Catch of Principal Species, by Areas, and Quantity and Value of Catch, by States: 1930 to 1956

[Catch in thousands of pounds; value in thousands of dollars. Values represent the value of fish to fishermen. See also *Historical Statistics, 1789–1945*, series F 166–192]

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1953	1954	1955	1956
New England States:								
Catch	701,351	626,054	845,471	1,006,590	864,005	966,441	955,418	1,015,246
Value	27,494	20,494	56,589	60,577	60,112	57,602	57,243	59,273
By State:								
Maine:								
Catch	143,824	88,088	184,425	356,266	243,513	285,736	257,174	279,562
Value	4,329	2,606	12,499	14,689	16,754	16,856	16,083	16,966
New Hampshire:								
Catch	1,069	788	1,549	645	689	846	948	848
Value	69	105	488	219	247	311	345	382
Massachusetts:								
Catch	442,474	510,938	625,878	591,188	510,035	561,068	566,413	575,332
Value	16,289	15,756	39,643	40,768	37,846	35,213	35,057	36,182
Rhode Island:								
Catch	25,972	12,060	20,525	38,265	92,286	103,726	115,323	141,309
Value	2,287	966	2,377	2,788	3,989	4,302	4,738	4,752
Connecticut:								
Catch	88,012	14,180	13,094	20,226	17,482	15,065	15,560	18,195
Value	4,519	1,060	1,582	2,114	1,276	920	1,020	991
Catch, by species:								
Haddock	264,549	141,193	147,195	157,765	139,494	154,895	135,020	152,193
Ocean perch	113	85,016	131,811	207,793	153,893	181,448	156,989	151,113
Herring, sea	82,901	44,052	94,179	195,154	110,541	129,219	104,286	146,457
Cod	101,632	82,289	141,072	53,968	31,899	35,239	32,369	32,760
Flounders	49,165	57,572	61,310	66,824	47,338	47,498	50,064	47,886
Lobster	12,357	11,165	22,267	22,559	27,136	26,433	27,624	25,171
Middle Atlantic States:								
Catch	193,868	355,553	494,193	491,685	963,843	886,879	871,096	1,054,438
Value	13,064	7,651	23,224	28,843	30,122	30,552	28,937	30,823
By State:								
New York:								
Catch	45,495	91,959	117,548	142,341	137,496	138,058	132,791	153,564
Value	4,934	4,216	10,053	15,502	9,495	8,219	9,498	9,364
New Jersey:								
Catch	97,275	160,554	207,647	188,623	458,847	433,598	421,286	540,060
Value	7,474	2,957	11,063	10,201	14,461	14,507	13,074	15,253
Pennsylvania:								
Catch	17	23	----------	----------	----------	----------	----------	----------
Value	3	2	----------	----------	----------	----------	----------	----------
Delaware:								
Catch	51,081	103,017	168,998	160,721	367,500	315,223	317,019	360,814
Value	653	475	2,109	3,141	6,166	7,826	6,365	6,206
Oyster catch	21,516	13,983	13,553	18,170	14,462	13,377	9,848	8,466
Chesapeake Bay States:								
Catch	316,393	320,736	304,463	380,892	342,537	472,563	496,208	376,358
Value	11,472	7,456	30,363	25,007	26,364	31,838	31,601	32,772
By State:								
Maryland:								
Catch	71,099	51,085	51,676	67,092	64,712	60,022	55,249	62,006
Value	3,985	2,599	8,845	8,888	10,369	11,847	11,147	13,501
Virginia:								
Catch	245,294	269,651	252,787	313,800	277,825	412,541	440,959	314,352
Value	7,487	4,858	21,518	16,119	15,995	19,991	20,454	19,271
Catch, by species:								
Oysters	36,724	37,457	32,570	29,954	36,946	41,587	39,227	37,064
Crabs	68,759	41,816	40,822	80,046	63,184	54,743	45,128	50,598
South Atlantic States:								
Catch	275,808	325,515	404,946	260,881	326,545	326,064	346,574	444,262
Value	4,270	4,064	15,132	18,944	20,157	17,560	17,274	19,920
By State:								
North Carolina:								
Catch	168,939	170,581	198,169	172,339	192,648	213,266	233,096	300,718
Value	1,836	1,865	5,495	6,800	8,265	6,936	7,284	8,115
South Carolina:								
Catch	5,106	9,446	10,855	14,726	14,419	17,178	22,033	18,057
Value	253	266	899	2,810	2,253	2,547	2,487	2,453
Georgia:								
Catch	34,873	12,672	21,398	17,351	18,046	19,454	19,025	17,364
Value	536	381	1,350	3,584	3,211	2,647	2,472	3,125
Florida (east coast only):								
Catch	66,890	132,816	174,524	56,465	101,432	76,166	72,420	108,123
Value	1,645	1,553	7,388	5,749	6,428	5,430	5,031	6,227
Shrimp catch	26,204	22,702	43,581	36,481	32,933	28,646	28,539	25,518

See footnotes at end of table.

No. 921.—Fisheries—Catch of Principal Species, by Areas, and Quantity and Value of Catch, by States: 1930 to 1956—Continued

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

STATE, CATCH, AND VALUE	1930	1940	1945	1950	1953	1954	1955	1956
Gulf States:								
Catch	141,951	250,018	341,081	570,641	759,422	754,701	829,628	899,774
Value	6,795	10,681	39,197	50,358	85,158	72,573	76,287	85,378
By State:								
Florida (west coast only):								
Catch	53,524	54,676	60,322	62,013	108,027	97,521	105,756	107,594
Value	3,001	3,452	11,448	9,955	25,372	19,815	21,190	24,582
Alabama:								
Catch	7,113	11,344	15,137	10,988	11,964	12,224	13,441	12,320
Value	316	562	2,443	2,122	3,017	1,874	2,265	2,887
Mississippi:								
Catch	15,735	38,002	70,787	84,139	77,740	116,744	183,137	232,940
Value	740	623	1,711	3,371	3,321	3,267	5,685	6,641
Louisiana:								
Catch	49,886	126,627	163,902	316,250	419,729	376,600	397,203	408,660
Value	1,960	4,952	20,486	23,645	26,275	24,415	23,418	25,358
Texas:								
Catch	15,693	19,369	21,933	97,251	141,962	151,612	130,101	138,260
Value	778	993	3,109	11,265	27,173	23,202	23,729	25,910
Shrimp catch	61,914	127,838	145,443	151,753	224,503	237,153	212,402	193,621
Great Lakes:[1]								
Catch[2]	94,948	79,296	78,643	70,882	77,252	81,190	76,754	80,645
Value[2]	6,050	5,623	13,800	10,846	9,578	9,980	9,699	10,164
By Lake:								
Superior:								
Catch	14,694	20,672	18,725	12,584	13,650	15,385	13,581	13,591
Value	695	904	2,574	1,977	1,798	2,118	1,886	1,940
Michigan:								
Catch	30,973	22,814	22,090	27,077	28,831	30,291	30,036	30,798
Value	2,159	2,050	5,571	3,661	3,227	3,195	3,221	3,463
Huron:								
Catch	16,377	9,099	7,475	5,073	5,497	5,421	4,553	3,635
Value	1,320	680	1,129	411	590	567	484	384
Erie:								
Catch	29,540	22,944	28,631	23,982	27,347	28,340	26,796	30,744
Value	1,656	1,772	4,267	4,572	3,765	3,895	3,954	4,227
Pacific Coast States:								
Catch	833,389	1,456,281	1,428,278	1,515,249	734,018	825,900	800,104	862,355
Value	23,064	29,578	62,694	107,827	84,187	96,389	79,764	84,810
By State:								
Washington:								
Catch	110,039	111,632	196,136	118,694	149,546	160,424	155,305	126,501
Value	8,335	6,676	18,155	19,071	19,932	24,375	20,906	19,303
Oregon:								
Catch	26,459	54,203	72,774	58,256	40,781	43,485	46,710	61,309
Value	2,256	2,742	7,507	7,151	4,836	4,611	5,683	7,785
California:								
Catch	696,891	1,290,446	1,159,368	1,338,299	543,691	621,991	598,089	674,545
Value	12,473	20,160	37,032	81,605	59,419	67,403	53,175	57,722
Catch, by species:								
Pilchard or sardine	494,451	913,944	849,971	714,522	9,469	136,504	145,608	69,554
Mackerel	16,531	120,504	58,717	32,650	7,502	25,393	23,310	50,013
Salmon	99,615	61,379	96,248	63,725	92,658	77,683	86,205	54,351
Tuna and tuna-like fishes	104,511	210,173	183,587	390,549	303,894	323,500	269,499	328,732
Mississippi River and tributaries:								
Catch	(3)	(3)	(3)	105,796	(3)	90,476	103,166	90,779
Value	(3)	(3)	(3)	10,104	(3)	7,894	8,205	8,139
Alaska:								
Catch	620,702	563,688	596,052	482,203	296,966	337,629	315,323	428,146
Value	12,756	10,612	22,288	31,372	26,467	31,251	26,768	37,739
Salmon catch	426,442	439,182	402,635	264,919	220,276	247,033	203,675	299,898

[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] Not available.

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

No. 922.—Quantity and Value of Catch Landed at Specified New England Ports: 1950 to 1956

[**Quantity in thousands of pounds; value in thousands of dollars.** See also *Historical Statistics, 1789–1945*, series F 193, 195]

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
1951	171,023	20,853	106,917	2,841	8,726	1,332	10,024	2,630	6,599	9,738	1,363
1952	173,174	21,606	109,139	2,874	11,601	1,480	8,629	2,450	6,945	6,766	1,684
1953	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

No. 923. Fisheries—Disposition of Domestic Catch: 1945 to 1957

[Round weight of catch in millions of pounds. Includes Alaska. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. From 600 million to 1 billion pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics, 1789–1945*, series F 155–159]

DISPOSITION	1945	1950	1951	1952	1953	1954	1955	1956 (prel.)	1957 (prel.)
Total	**4,576**	**4,884**	**4,414**	**4,418**	**4,468**	**4,742**	**4,794**	**5,252**	**4,750**
Fresh and frozen	1,847	1,692	1,715	1,604	1,537	1,564	1,568	1,526	1,428
Canned	1,230	1,720	1,326	1,248	993	1,159	1,039	1,202	1,130
Cured	110	100	84	85	85	85	86	87	88
Byproducts, bait, etc	1,389	1,372	1,289	1,481	1,853	1,934	2,101	2,437	2,104

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

No. 924.—Canned Fishery Products—Production and Value, by Species: 1935 to 1957

[Quantity in thousands of pounds; value in thousands of dollars. Includes Alaska. See also *Historical Statistics, 1789–1945*, series F 200–209, for total fishery products, salmon, sardines, and tuna and tuna-like fishes]

YEAR	Total	Salmon	SARDINES		Tuna and tuna-like fishes	Mackerel	Shrimp	Clam products	Oysters	Other
			Maine	Calif.						
QUANTITY										
1935	643,848	289,339	33,614	108,902	52,192	81,550	18,230	16,674	7,513	35,834
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
1946	669,376	216,488	61,315	133,973	93,888	43,297	7,832	40,493	5,472	66,618
1947	754,133	270,793	57,544	74,367	117,469	78,973	7,085	36,136	5,747	106,019
1948	782,208	231,598	62,135	119,437	139,682	57,654	8,383	32,795	4,999	125,525
1949	855,015	265,196	62,413	169,570	138,645	47,247	9,971	31,112	6,341	124,520
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 (prel.)	986,938	152,875	46,007	22,399	232,676	59,696	9,027	48,652	6,982	408,624
VALUE										
1935	74,999	32,475	5,143	6,237	12,824	4,975	4,722	2,681	2,045	3,897
1940	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969

No. 925.—Canned Fishery Products, Fish Meal, and Fish Oil—Production and Value: 1940 to 1957

[Includes Alaska. See also *Historical Statistics, 1789-1945*, series F 212-215]

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
1946	669,376	227,629	199,621	20,439	19,135	21,223	13,619
1947	754,133	310,679	185,807	22,353	15,900	20,107	11,643
1948	782,208	336,181	199,544	23,087	16,343	18,476	12,508
1949	855,015	295,504	237,180	35,652	16,861	7,520	17,365
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 (prel.)	986,938	334,766	262,463	32,390	19,992	11,958	542

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

No. 926.—Fresh and Frozen Packaged Fish—Production, by Species: 1940 to 1957

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

YEAR	Total	Cod	Flounders	Haddock	Ocean perch	Whiting	Other
QUANTITY							
1940	129,420	14,805	11,245	37,140	23,014	13,256	29,960
1945 [1]	204,927	28,864	19,961	44,197	35,456	29,959	46,490
1947	183,800	14,032	20,664	43,205	46,976	28,042	30,881
1948	189,297	13,879	23,466	42,219	67,696	5,122	36,915
1949	194,011	13,652	28,924	42,140	73,193	4,200	31,902
1950	191,524	12,990	28,331	51,192	63,128	2,537	33,346
1951	205,486	13,290	26,309	50,831	75,023	8,714	31,319
1952	190,889	11,684	24,340	52,065	58,660	7,912	36,228
1953	160,370	11,406	21,279	44,334	50,171	3,324	29,856
1954	173,608	12,241	20,252	46,867	58,623	3,308	32,317
1955	159,039	11,737	22,740	38,276	50,229	3,703	32,354
1956	162,799	10,232	21,822	44,230	47,298	3,188	36,029
1957 (prel.)	153,916	10,078	24,259	39,401	42,070	3,781	34,327
VALUE							
1940	14,345	1,793	1,542	4,521	2,272	561	3,656
1945 [1]	48,371	7,452	6,086	12,349	7,673	3,098	11,713
1947	44,272	3,458	7,027	12,094	10,912	2,662	8,119
1948	47,642	3,490	8,102	11,853	14,408	784	9,005
1949	48,339	3,232	9,096	11,845	15,335	686	8,145
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 (prel.)	46,441	2,489	9,336	11,800	9,678	644	12,494

[1] Excludes California production.

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

No. 927.—Frozen Fishery Products—Production: 1945 to 1957

[**In thousands of pounds.** Includes Alaska. For cold storage holdings, see table 891. See also *Historical Statistics, 1789–1945*, series F 199, for annual figures]

MONTH	1945	1950	1951	1952	1953	1954	1955	1956	1957
Total	286,001	287,190	325,504	313,173	275,396	302,658	314,684	324,964	314,158
January	4,925	7,302	10,651	12,897	10,582	7,776	13,500	12,694	12,182
February	4,191	9,318	10,292	10,195	7,158	8,886	14,370	15,253	14,021
March	6,890	13,207	12,721	11,800	10,989	12,466	17,176	14,156	14,475
April	12,962	14,249	20,199	19,455	11,624	15,615	20,252	21,329	18,905
May	27,630	33,846	43,289	34,172	28,045	33,449	32,654	26,911	33,269
June	39,392	39,310	44,809	49,306	42,056	43,423	38,218	41,754	40,527
July	42,856	35,727	42,220	44,093	42,607	40,936	44,719	40,873	43,376
August	45,623	37,289	42,217	34,242	35,112	44,022	40,375	43,824	43,047
September	33,257	30,527	30,393	31,849	30,287	31,628	33,612	34,193	33,553
October	27,472	29,493	30,666	32,311	25,364	27,197	26,107	31,629	28,204
November	26,212	22,230	23,604	20,689	18,655	21,305	18,901	25,184	19,194
December	14,591	14,692	14,443	12,164	12,917	15,955	14,800	17,164	13,405

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

No. 928.—Fishery Products—Imports and Exports: 1940 to 1956

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
1952	240,429	705,118	183,121	57,308	21,947	62,056	15,511	6,436
1953	245,480	726,195	195,869	49,611	27,878	69,308	17,084	10,794
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

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. 929.—Fishery Products—Imports and Exports of Selected Products: 1956 and 1957

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

PRODUCT	1956		1957	
	Quantity	Value	Quantity	Value
IMPORTS				
Edible products:				
Fresh or frozen:				
Whitefish (exc. fillets)	10,761	3,918	12,062	4,359
Halibut (exc. fillets)	15,027	4,171	17,609	4,736
Salmon (exc. fillets)	12,940	5,427	15,677	5,698
Sea herring	9,026	225	11,497	242
Smelt	5,309	1,116	4,565	951
Swordfish (exc. fillets)	6,659	2,341	6,868	2,535
Tuna	120,240	15,337	139,287	16,765
Groundfish fillets	135,295	25,987	140,679	27,417
Other fillets and steaks	60,274	19,933	63,301	21,725
Lobster and spiny lobster	47,742	34,285	50,399	36,780
Shrimp and prawn	68,618	32,986	69,732	35,462
Canned:				
Anchovies, in oil	5,923	2,802	6,092	2,865
Salmon	28,802	11,650	24,401	9,470
Sardines, in oil	18,581	7,001	20,159	8,348
Sardines and herring, not in oil	10,460	2,498	14,396	3,086
Tuna, in oil	586	226	1,068	346
Tuna in brine	37,629	14,772	43,167	16,589

PRODUCT	1956		1957	
	Quantity	Value	Quantity	Value
IMPORTS—continued				
Edible products—Con.				
Canned—Continued				
Bonito and yellowtail in oil	10,409	2,672	11,608	2,907
Bonito and yellowtail, in brine	3,210	622	3,905	756
Crab meat	5,640	5,318	6,185	6,254
Lobster and spiny lobster	3,424	5,031	3,271	5,017
Pickled or salted:				
Cod, haddock, hake, pollock and cusk	48,498	8,040	44,922	7,613
Herring	29,400	3,487	30,633	3,589
Nonedible products (scrap and meal)	180,000	11,518	162,000	9,716
EXPORTS				
Canned:				
Salmon	5,213	3,606	6,688	4,740
Mackerel	2,374	335	17,044	2,146
Sardines:				
In oil	229	84	543	191
Not in oil	39,445	6,417	14,922	2,654
Fish oil, inedible	140,804	12,883	114,818	10,725

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

Section 28

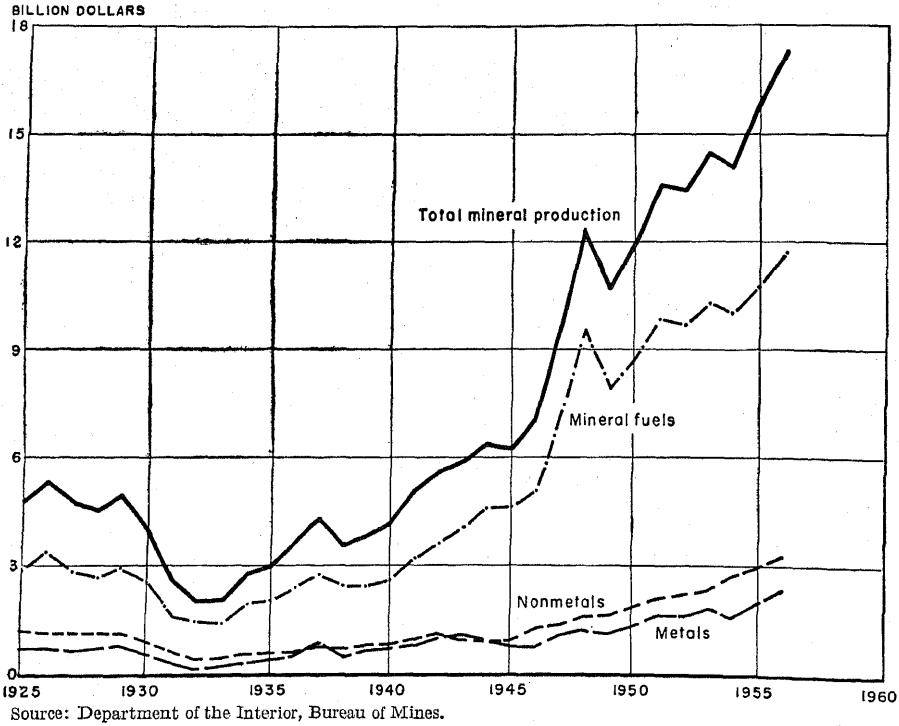
Mining and Mineral Products

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*, 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*

FIG. XXXVI.—VALUE OF MINERAL PRODUCTION: 1925 TO 1956

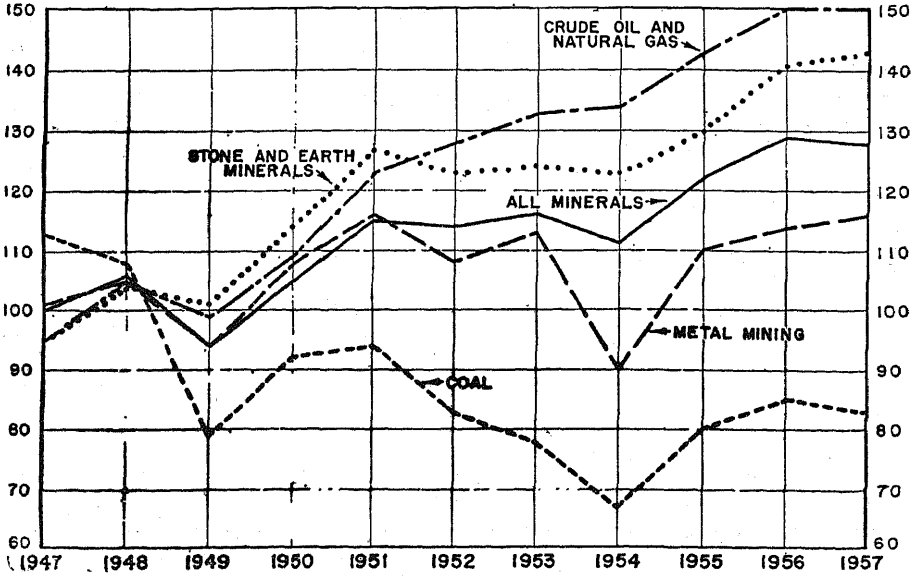
[See table 930]



Source: Department of the Interior, Bureau of Mines.

FIG. XXXVII.—MINERAL PRODUCTION INDEXES OF PHYSICAL VOLUME: 1947 TO 1957

[1947–49 average=100. See table 934]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Board of Governors of the Federal Reserve System.

No. 930.—Value of Mineral Production in the United States: 1901 to 1956

[**In millions of dollars.** Principal differences between old basis and new basis are as follows: (1) Totals on the new basis, except as noted, represent continental U. S. only; on the old basis, production in Alaska, Hawaii, Philippine Islands, and Puerto Rico was included, but no data were collected for other U. S. possessions now shown in table 1168; (2) U. S. totals on the new basis are a better representation than formerly of the production of primary minerals from domestic mines (or concentrating mills); on the old basis, totals include secondary products and mineral products made from foreign materials. However, value on new basis still 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. Revised data for years prior to 1925 on new basis are not available. See also *Historical Statistics, 1789–1945*, series G 1–5]

YEARLY AVERAGE OR YEAR	Total	NONMETALLIC			Metallic
		Total	Fuels[1]	Other	
OLD BASIS					
1901–1905	1,392	814	546	267	578
1906–1910	1,887	1,118	746	372	769
1911–1915	2,220	1,400	967	433	821
1916–1920	5,129	3,331	2,602	729	1,798
1921–1925	5,151	3,997	2,943	1,054	1,154
1926–1930[3]	5,556	4,280	3,088	1,192	1,276
NEW BASIS					
1926–1930	4,676	4,015	2,870	1,144	661
1931–1935	2,463	2,210	1,691	520	252
1936–1940	3,879	3,256	2,545	711	623
1941–1945	5,840	4,930	3,993	937	910
1946–1950	10,277	9,181	7,678	1,503	1,097
1951–1955	14,243	12,508	10,070	2,438	1,734
1941	5,107	4,217	3,228	989	890
1942	5,623	4,624	3,568	1,056	999
1943	5,931	4,944	4,028	916	987
1944	6,310	5,410	4,574	836	900
1945	6,231	5,457	4,569	888	774
1946	7,062	6,333	5,090	1,243	729
1947	9,610	8,526	7,188	1,338	1,084
1948	12,273	11,054	9,502	1,552	1,219
1949	10,580	9,479	7,920	1,559	1,101
1950	11,862	10,511	8,689	1,822	1,351
1951	13,529	11,858	9,779	2,079	1,671
1952	13,396	11,779	9,616	2,163	1,617
1953[3]	14,418	12,607	10,257	2,350	1,811
1954[3]	14,066	12,548	9,919	2,629	1,518
1955[3]	15,804	13,749	10,780	2,969	2,055
1956[3]	17,346	14,984	11,708	3,276	2,362

[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.
[3] Includes Alaska and Hawaii.

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

No. 931.—Average Prices of Selected Mineral Products: 1901 to 1957

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)	Silver (New York)	Quicksilver (New York)
	Dollars per long ton	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Dollars per long ton*	*Cents per troy oz.*	*Dollars per 76-lb. flask*
1901–1905	2.70	13.877	4.330	26.19	[5] 5.284	33.80	22.16	56.451	43.17
1906–1910	3.70	15.642	4.780	34.26	5.432	31.12	21.89	57.976	44.12
1911–1915	3.08	14.973	4.359	41.10	7.205	23.84	22.00	55.685	52.77
1916–1920	5.21	23.031	7.355	[6] 54.43	8.783	42.14	31.76	91.174	105.71
1921–1925	5.03	13.474	6.933	42.64	6.189	23.88	14.55	66.180	64.76
1926–1930	4.35	14.475	6.765	51.38	6.135	24.80	18.04	53.560	114.15
1931–1935	4.50	7.555	3.843	37.64	3.806	22.40	18.00	40.713	70.07
1936–1940	4.76	10.980	5.138	48.39	5.495	20.12	13.90	41.410	105.27
1941–1945	4.47	11.779	6.355	52.01	8.095	15.37	16.00	42.909	165.97
1946–1950	6.29	19.451	13.897	85.32	11.765	16.09	17.48	74.486	83.84
1951–1955	9.36	28.877	15.330	106.00	13.610	20.96	23.88	86.769	231.40
1947	5.55	20.958	14.673	77.95	10.500	15.00	16.51	71.820	83.74
1948	6.20	22.038	18.043	99.25	13.589	15.73	18.00	74.361	76.49
1949	7.20	19.202	15.364	99.34	12.144	17.00	18.00	71.930	79.46
1950	7.70	21.235	13.296	95.54	13.866	17.71	18.90	74.169	81.26
1951	8.30	24.200	17.500	127.08	18.000	19.00	21.00	89.368	210.13
1952	8.68	24.200	16.467	120.47	16.215	19.41	21.00	84.941	199.10
1953	9.80	28.798	13.489	95.85	10.855	20.93	24.38	85.188	193.03
1954	9.90	29.694	14.054	91.84	10.681	21.78	26.50	85.250	264.39
1955	10.10	37.491	15.138	94.74	12.299	23.67	26.50	89.099	290.35
1956	10.85	41.818	16.013	101.41	13.494	26.01	26.50	90.826	259.92
1957	11.45	29.576	14.658	96.26	11.399	27.52	25.50	90.820	246.98

[1] Lake Superior, Mesabi, non-Bessemer.
[2] Lake copper, 1896–98; domestic market since 1932.
[3] 99 percent tin, 1896–1920; Straits tin thereafter.
[4] Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98–99 percent); beginning 1930, for 99+ percent virgin ingot.
[5] 1903–05; average for New York zinc 1901–05, 5.058 cents.
[6] 4-year average.

Source: Compiled from *Engineering and Mining Journal; The Iron Age;* and *Wholesale Prices* (Bureau of Labor Statistics).

...DUCING STATES OR TERRITORIES: 1950 TO 1956

...production as measured by mine shipments, mine sales, or marketable production
...Statistics, 1789–1945, series G 1–5, 13–18, and 43–130]

	1955		1956		
...lue	Quantity	Value	Quantity	Value	Principal producing States or Territories, in order of quantity
...5,000	----------	15,804,000	----------	17,346,000	----------
...9,000	----------	10,780,000	----------	11,708,000	----------
...3,686	1,427,207	4,111	1,458,533	4,114	Tex., Ala., Utah, Okla.
...2,724	82,822	3,117	89,003	3,822	
211	702,417	234	713,030	235	N. Mex., Calif., Utah, Wash.
...9,290	464,633	2,092,383	500,874	2,412,004	W. Va., Pa., Ky., Ill.
...9,330					
...7,870	26,205	206,097	28,900	236,785	Pa.
...3,202	235,868	3,881	266,937	4,413	Tex., N. Mex., Kans.
...2,501	9,405,351	978,357	10,081,923	1,083,812	Tex., La., Okla., N. Mex.
...2,418	5,844,904	423,775	5,807,100	431,958	Tex., Calif., La., Okla.
...8,994	5,972,698	195,231	6,487,413	265,185	
...2,258	273,669	2,283	292,097	2,460	Fla., Wash., Mich., Iowa.
...4,930	2,484,428	6,870,380	2,617,283	7,262,925	Tex., Calif., La., Okla.
...9,000	----------	[2] 2,969,000	----------	[2] 3,276,000	----------
164	2,799	196	(4)	(4)	Ohio.
(4)	(5)	(4)	(5)	4	N. C.
99	2,130	68	2,330	71	----------
59	(4)	(4)	1,061	74	----------
...4,698	44,568	4,487	41,312	4,742	----------
...8,508	1,108,103	10,809	1,299,888	13,498	Ark., Mo., Nev., Ga.
...6,714	924,496	33,816	944,950	39,592	Calif.
...1,313	184,454	39,856	196,730	47,434	Tex., Mich., Calif., W. Va.
...3,413	306,128	884,381	321,295	989,233	Pa., Ala., Ind., Mich.
...3,165	48,106	139,540	[6] 50,149	[6] 157,329	Ohio, Pa., Tex., Ga.
132	10,735	151	12,153	174	N. Y.
(4)	100	5	(4)	(4)	Wash.
...3,490	465,378	3,801	622,429	5,764	N. C., Calif., Colo., S. Dak.
...2,333	279,540	12,590	329,719	14,257	Ill., Mont., Colo., Nev.
971	11,835	1,191	9,812	1,073	N. Y., Idaho, Fla.
613	(5)	818	(5)	925	Oreg., Tex., Alaska, Wash.
(4)	(4)	(4)	(4)	(4)	Tex., R. I.
...7,384	10,683,733	33,938	10,316,483	34,099	Mich., Calif., Iowa, Tex.
129	16,190	157	15,362	156	Mich., Ga., Oreg., N. Y.
...1,525	10,469,536	126,890	10,567,252	135,532	Ohio, Mo., Pa., Ill.

Magnesite—short tons	429,392	3,091	284,015	1,391	486,088	2,713	686,569	2,502	Wash., Nev., Calif.
Magnesium compounds from sea water and brines (except for metals)—short tons (MgO equivalent)	94,926	8,054	113,774	9,469	155,779	12,704	169,019	13,668	Calif., Mich., N. J., Tex.
Marl:									
Calcareous (except for cement)—short tons	347,843	246	206,257	152	183,044	128	285,653	215	Mich., Ind., Wis., Va.
Greensand—do	3,935	304	2,838	199	5,704	218	(4)	(4)	
Mica:									
Scrap—do	69,360	1,743	81,073	1,734	95,432	2,058	86,309	1,850	N. C., S. C., Ga., Ala.
Sheet—pounds	578,818	126	668,788	2,393	642,113	3,370	887,871	2,747	N. C., N. H., Ga., Maine.
Perlite—short tons	101,536	649	219,703	1,762	286,157	2,282	310,800	2,550	N. Mex., Colo., Nev., Ariz.
Phosphate rock—1,000 long tons	11,114	63,334	13,821	86,669	12,265	75,379	15,747	97,922	Fla., Tenn., Idaho, Mont.
Potassium salts—short tons (K_2O equivalent)	1,276,164	39,774	1,918,157	71,819	2,005,863	76,176	2,103,347	79,751	N. Mex., Calif., Utah, Mich.
Pumice—short tons	719,356	2,661	1,647,397	2,974	1,804,488	3,369	1,482,214	4,750	Calif., N. Mex., Ariz., Idaho.
Pyrites—long tons	931,163	4,059	908,715	7,159	1,006,943	8,391	1,069,904	9,743	Tenn., Va., Calif., Colo.
Quartz from pegmatites and quartzite—short tons	160,508	707	(8)	(8)	(8)	(8)	(8)	(8)	
Salt (common)—1,000 short tons	16,616	59,774	20,926	105,487	22,693	123,257	24,206	136,139	Mich., Tex., N. Y., La.
Sand and gravel—do	367,304	292,559	[9] 556,160	[9] 503,293	[9] 591,683	[9] 535,510	[9] 624,697	[9] 595,101	Calif., Mich., Ill., Ohio.
Sand and sandstone (ground)—short tons	750,673	6,463	(9)	(9)	(9)	(9)	(9)	(9)	
Slate—do	930,370	15,047	760,921	12,961	760,440	12,914	645,479	11,666	Ga., Vt., Pa., N. Y.
Sodium carbonate (natural)—do	351,075	7,544	527,282	13,536	613,594	15,001	652,891	17,400	Wyo., Calif., Oreg.
Sodium sulfate (natural)—do	186,537	2,199	249,701	3,890	284,549	5,381	329,607	6,328	Calif., Tex., Wyo.
Stone [10]—1,000 short tons	250,814	387,147	[8] 409,196	[8] 609,445	[8] 467,272	[8] 702,142	[8] 503,396	[8] 761,876	Pa., Mich., Ohio, Tex.
Strontium minerals (crude)—short tons			12	(11)	177	4	4,040	77	Calif., Wash.
Sulfur:									
Frasch-process mines—long tons	5,504,714	104,000	5,328,040	142,014	5,839,300	163,156	5,675,913	150,356	Tex., La.
Other mines—do	3,247	60	185,085	(4)	199,899	(4)	185,532	(4)	
Sulfur, recovered elemental—do	81,713	1,985	399,950	11,209	458,021	12,585	503,314	14,241	Tex., Wyo., Calif., Ark.
Talc, pyrophyllite and soapstone—short tons	[12] 620,750	[12] 10,621	618,994	3,493	725,708	4,517	739,039	4,859	N. Y., Calif., N. C., Ga.
Titanium-iron concentrate (non-titanium use)—do			(4)	(4)	1,350	7			
Tripoli—do	43,720	1,174	41,625	1,469	47,362	213	45,009	203	Ill., Okla., Pa.
Vermiculite—do	208,096	2,122	195,538	2,538	204,040	2,702	192,628	2,543	Mont., S. C.
Nonmetallic minerals, undistributed [13]		8,707		22,580		30,805		40,778	
Metals		**1,351,000**		**1,518,000**		**2,055,000**		**2,362,000**	
Antimony ore and concentrate short tons (antimony content)	[14] 6,888	1,443	766	(15)	633	(15)	590	(15)	Idaho, Nev.
Bauxite—long tons (dried equivalent)	1,334,527	7,693	1,994,896	16,403	1,788,341	14,543	1,743,344	13,973	Ark., Ala., Ga.
Beryllium concentrate—short tons (gross weight)	559	171	669	304	500	268	460	237	S. Dak., Colo., N. Mex., N. H.
Chromite—do	404	(15)	163	7,164	153,253	6,644	[16] 207,662	[16] 8,715	Mont., Oreg., Calif., Alaska.
Cobalt (content of concentrate)—pounds	660,025	(15)	2,219,396	(15)	2,438,546	(15)	3,657,491	3,462	Idaho, Mo., Pa.

See footnotes at end of table.

PRODUCING STATES: 1950 TO 1956—Continued

s of dollars]

alue	1955		1956		
	Quantity	Value	Quantity	Value	Principal producing States, in order of quantity
57	12, 954	22	216, 606	(12)	Idaho, Maine, S. Dak., N. Mex.
92, 929	998, 570	744, 933	1, 106, 215	940, 283	Ariz., Utah, Mont., Nev.
64, 306	1, 880, 142	65, 805	1, 831, 765	64, 112	S. Dak., Utah, Alaska, Calif.
25, 818	105, 237	748, 602	96, 730	747, 665	Minn., Mich., Ala., Utah.
89, 165	338, 025	100, 731	352, 826	110, 787	Mo., Idaho, Utah, Colo.
15, 176	287, 254	21, 651	344, 735	26, 990	Nev., Mont., Ariz., Ark.
3, 079	911, 636	5, 128	680, 651	3, 984	Minn., N. Mex., Mont.
(15)	213, 370	(15)	130, 129	(15)	N. J.
4, 903	18, 955	5, 504	24, 177	6, 284	Calif., Nev., Idaho, Oreg.
64, 070	64, 709	66, 919	57, 126	72, 012	Colo., Utah, Ariz., N. Mex.
(15)	4, 411	(15)	7, 392	(15)	Oreg., Mo., Ill.
33, 434	37, 198	33, 666	38, 948	35, 250	Idaho, Mont., Utah, Ariz.
7, 375	573, 192	10, 268	735, 388	14, 199	N. Y., Fla., Va., Idaho.
870	9, 182	1, 122	12, 065	1, 749	
51, 433	16, 412	60, 841	14, 737	51, 201	Nev., Calif., N. C., Mont.
(7)	(7)	(7)	3, 000, 000	67, 570	N. Mex., Utah, Colo., Ariz.
(15)	6, 571, 655	(15)	7, 735, 088	(15)	Colo., Utah, Ariz., N. Mex.
02, 180	514, 671	126, 609	542, 340	148, 503	Mont., N. Y., Idaho, Tenn.
820	28, 913	1, 426	(15)	(15)	Fla.
38, 880	----------	40, 596	----------	45, 242	----------

12 Sold or used by producers. Quantity and value of ground material included.
13 Comprises value of items that cannot be disclosed: Aplite, brucite, calcium-magnesium chloride, certain clays, diatomite, iodine, kyanite, lithium minerals, olivine, sharpening stones, wollastonite, and values indicated by footnote reference 4.
14 Gross weight.
15 Figure withheld to avoid disclosing individual company confidential data, value included with "Metals undistributed."
16 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.
17 Comprises value of items that cannot be disclosed: Magnesium chloride for magnesium metal, platinum-group metals (crude), rare-earth metals concentrates, tin (1950-55), and values indicated by footnote reference 14.

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

No. 933.—Mineral Production—Value, 1950 to 1956, and Rank and Principal

[In thousands of dollars]

STATE OR TERRITORY	1950	1954	1955	1956		
				Value	Rank	Principal minerals in order of value
Total	**11,899,000**	**14,066,000**	**15,804,000**	**17,346,000**		Petroleum, coal, natural gas, cement.
N. E	**50,945**	**63,204**	**73,851**	**77,334**		
Maine	7,461	10,716	12,991	12,179	45	Cement, sand and gravel, stone, slate.
N. H	1,711	2,112	2,605	3,436	48	Sand and gravel, stone, mica, feldspar.
Vt	18,563	20,483	23,884	23,131	43	Stone, slate, asbestos, copper.
Mass	16,110	18,851	22,109	25,085	41	Stone, sand and gravel, lime, clays.
R. I	1,425	1,461	1,834	1,627	49	Sand and gravel, stone, graphite.
Conn	5,675	9,581	10,428	11,876	46	Stone, sand and gravel, lime, clays.
M. A	**1,389,613**	**1,165,327**	**1,244,312**	**1,390,162**		
N. Y	156,585	192,738	216,907	237,016	18	Cement, iron ore, stone, sand and gravel.
N. J	46,816	47,044	57,495	64,279	34	Stone, sand and gravel, iron ore, magnesium compounds.
Pa	1,186,212	925,545	969,910	1,088,867	4	Coal, cement, stone, petroleum.
E. N. C	**1,201,235**	**1,266,331**	**1,486,598**	**1,603,879**		
Ohio	274,572	293,659	340,457	375,488	15	Coal, stone, cement, lime.
Ind	166,632	165,369	183,479	195,674	21	Coal, cement, petroleum, stone.
Ill	488,144	473,077	533,062	572,321	7	Petroleum, coal, stone, sand and gravel.
Mich	230,194	279,940	363,787	394,536	14	Iron ore, cement, copper, salt.
Wis	41,693	54,286	65,813	65,860	33	Stone, sand and gravel, iron ore, zinc.
W. N. C	**911,497**	**1,093,629**	**1,326,048**	**1,391,683**		
Minn	331,567	351,474	501,151	501,027	9	Iron ore, sand and gravel, stone, cement.
Iowa	41,773	58,798	63,555	66,529	32	Cement, stone, sand and gravel, coal.
Mo	113,191	131,280	151,626	163,693	23	Lead, cement, stone, lime.
N. Dak	9,614	22,223	44,123	53,554	36	Petroleum, coal, sand and gravel, natural-gas liquids.
S. Dak	32,716	37,874	40,526	41,797	37	Gold, sand and gravel, stone, cement.

No. 934.—Mineral Production—Indexes of Physical Volume: 1947 to 1957

[1947-49 average=100. See also *Historical Statistics, 1789-1945*, series G 6-8, for indexes on 1935-39 base]

Year	All minerals	Mineral fuels					Metal, stone, and earth minerals		
		Total	Coal			Crude oil and natural gas	Total	Metal mining	Stone and earth minerals
			Total	Anthracite	Bituminous				
1947	100	101	113	109	113	95	98	101	95
1948	106	106	108	109	108	105	104	105	104
1949	94	93	79	82	79	99	97	94	101
1950	105	103	92	84	93	109	111	108	114
1951	115	114	94	82	96	123	121	116	127
1952	114	113	83	78	84	128	115	108	123
1953	116	115	78	57	81	133	119	113	124
1954	111	113	67	52	70	134	106	90	123
1955	122	123	80	48	85	143	120	110	130
1956	129	129	85	55	90	150	127	114	141
1957	128	128	83	49	88	150	129	116	143

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

No. 935.—Raw Materials Production, Imports, Exports, and Apparent Consumption, Value in Constant Dollars: 1900 to 1952

[In millions of 1935-39 dollars]

Item and year	All raw materials [1]	Agricultural materials			Fishery and wildlife products	Forest products	Minerals			
		Total	Foods	Nonfoods			Total [1]	Metallic ores [1]	Mineral fuels	Other minerals
Production:										
1900	8,620	6,259	4,829	1,430	107	1,258	996	189	699	108
1910	10,481	7,131	5,529	1,602	113	1,347	1,890	327	1,356	207
1920	12,133	8,278	6,416	1,862	102	1,161	2,592	399	1,941	252
1930	13,070	8,825	7,270	1,555	145	994	3,106	387	2,308	411
1940	14,793	9,920	8,082	1,838	149	957	3,767	507	2,763	497
1950	18,689	12,190	10,050	2,140	157	1,100	5,242	572	3,788	882
1951	19,721	12,633	10,468	2,165	152	1,115	5,821	647	4,192	982
1952	20,284	13,200	10,630	2,570	145	1,139	5,800	628	4,144	1,028
Imports:										
1900	490	314	189	125	44	17	115	91	4	20
1910	749	463	253	210	68	33	185	144	5	36
1920	1,260	792	428	364	66	51	351	200	120	31
1930	1,405	900	510	390	93	79	333	175	118	40
1940	1,647	965	493	472	115	68	499	370	93	36
1950	2,274	1,089	584	505	122	140	923	514	334	75
1951	2,129	1,020	575	445	116	137	856	436	337	83
1952	2,279	1,015	570	445	115	127	1,022	561	381	80
Exports:										
1900	1,284	1,074	510	564	27	43	140	89	47	4
1910	951	650	186	464	39	49	213	130	77	6
1920	1,470	1,074	635	439	33	35	328	137	176	15
1930	1,316	848	359	489	32	58	378	152	206	20
1940	893	455	173	282	30	34	374	170	181	23
1950	1,382	1,020	541	479	22	28	312	92	178	42
1951	1,773	1,276	816	460	27	31	439	107	290	42

No. 936.—Net Supply of Principal Minerals and Components of Gross Supply, 1955 and 1956; and Percentage Distribution of Imports by Country Group of Origin, 1956

In thousand short tons unless otherwise stated. Net supply is the sum of primary shipments, secondary production, and imports, minus exports. Gross supply is the total before subtraction of exports. Import figures represent those used in calculating net supply[1]

COMMODITY	NET SUPPLY		GROSS SUPPLY: PERCENT FROM—						IMPORTS FOR CONSUMPTION, 1956: PERCENT FROM—				
			Primary shipments		Secondary production		Imports						
	1955	1956	1955	1956	1955	1956	1955	1956	Canada and Mexico	East and South Pacific [1]	Other Western Hemisphere	Other free world	U.S.S.R. bloc
ous ores, scrap, and metals:													
romite (Cr_2O_3 content)	826	710	7	12			93	88	(2)	3	2	95	
balt (content)—1,000 lb.	21,685	19,629	11	19	2	2	87	79	9			91	
n (equivalent)[3]	117,800	117,800	54	49	32	33	14	18	46	11	35	8	
nganese (content)	1,200	1,246	20	19			[4] 80	[4] 81	8	1	19	71	
lybdenum (content)—1,000 lb.	50,030	38,543	100	100			(2)						
ckel (content)	154	159	3	5	5	5	92	90	79		12	10	
ngsten ore and concentrate (W content) short tons	18,140	17,385	43	40			57	60	11	35	20	34	
r metallic ores, scrap, and metals:													
minum (equivalent)[5]	1,809	1,914	[6] 22	[6] 19	4	4	[7] 74	[7] 77	[7] 13	(2)	[7] 85	[7] 2	
timony (recoverable content)	35	35	5	5	58	60	[8] 37	[8] 35	[9] 36	[9] 17		[9] 47	
dmium (content)[10]—short tons	4,787	6,218	30	24	3		67	76	[11] 52	[11] 1		[11] 48	
pper (content)	1,875	2,019	48	49	25	26	27	25	29	51	3	16	
ad (content)	1,228	1,252	27	28	37	35	36	37	29	48	2	20	
ercury—76-lb. flasks	48,858	76,263	[12] 39	[12] 31	20	8	41	61	24	1		75	
atinum-group metals—1,000 troy oz.	1,068	1,119	2	2	6	9	92	89	28	(2)	3	65	4
n (content)—1,000 long tons	104	96	(2)		19	18	81	82	(2)	11		89	
tanium concentrate: Ilmenite and slag (TiO_2 content)	526	622	57	62			43	38	59	(2)		41	
ic (recoverable content)	1,182	1,299	43	41	7	6	50	53	66	18	2	14	
metallic minerals:													
bestos	782	727	6	6			94	94	92	(3)	(3)	7	(2)
rite, crude	1,468	1,883	75	69			25	31	76	5	3	16	
ays	48,027	50,552	100	100			(2)	(2)					
lorspar, finished	642	815	43	40			57	60	72			28	
psum, crude	14,431	14,281	[12] 72	70			28	30	96		4	(2)	
ica (except scrap)—1,000 lb.	14,137	12,829	4	7			96	93	(2)		18	81	
tash (K_2O equivalent)	2,067	2,058	92	92			8	8	(2)	6		76	18

West coast of South America (Salvador, Chile, Bolivia, Peru, and Ecuador), New and, New Caledonia, and Australia.
Less than 0.5 percent. [3] Includes iron ore, pig iron, and scrap. [4] General imports.
Includes 86 percent of bauxite mine production (rather than shipments) and imports 92 percent of alumina imports, both converted to estimated aluminum equivalent.
Fine production of bauxite.
Includes ingot equivalent (weight times 0.9) of imports of scrap, largely scrap pig.
Includes recovery in antimonial lead from foreign silver and lead ores.
[9] Excludes antimony from foreign silver and lead ores.
[10] 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.
[11] Metal and flue dust only. [12] Primary production.
[13] Estimated by adjusting production, excluding byproduct, for changes in producers' stocks.

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

No. 937.—Mineral Industries—

[In thousands, except number of employees and workers. For 1939 excludes

	MINERAL INDUSTRY	VALUE OF SHIPMENTS [1]		ALL EMPLOYEES			
				Number [2]		Payroll [3]	
		1939	1954	1939	1954	1939	1954
1	**All industries**	$3,407,239	[8] $14,906,583	[9] 841,044	785,708	[9] $1,158,079	$3,385,722
2	**Metal mining**	539,784	[8] 1,506,238	[10] 100,135	100,250	[10] 153,917	463,025
3	Iron ores	150,871	547,218	22,651	34,170	33,326	156,909
4	Copper ores	[11] 145,590	[11] 508,729	26,752	27,813	42,564	136,065
5	Lead and zinc ores	[11] 72,648	[11] 175,947	17,725	16,566	25,337	71,363
6	Lead ores	(12)	4,581	(12)	578	(12)	2,215
7	Zinc ores	(12)	11,661	(12)	1,922	(12)	8,283
8	Lead-zinc ores	(12)	159,705	(12)	14,066	(12)	60,865
9	Gold and silver ores	142,261	46,581	27,586	4,831	45,088	20,618
10	Lode gold	92,942	28,517	19,254	3,020	31,375	12,269
11	Placer gold	28,027	5,916	3,705	556	6,794	2,311
12	Silver ores	21,292	12,148	4,627	1,255	6,919	6,038
13	Bauxite	2,527	16,819	827	852	819	3,581
14	Ferro-alloy ores, excl. vanadium	19,757	153,671	2,493	8,078	3,996	38,535
15	Manganese ores	945	[11] 32,398	545	2,604	567	9,292
16	Tungsten ores	3,354	[11] 60,737	844	2,987	1,368	14,758
17	Molybdenum, chromium, cobalt, and nickel ores.	15,458	60,536	1,104	2,487	2,061	14,485
18	Metal mining contract services	2,368	38,679	695	3,059	985	15,268
19	Miscellaneous metal ores	3,761	[8] 18,594	1,339	4,881	1,708	20,686
20	**Anthracite mining**	201,126	408,431	88,592	37,462	120,050	135,929
21	Anthracite	[11] 189,648	[11] 365,536	85,713	32,769	115,860	118,070
22	Anthracite stripping contract services	10,936	42,048	2,646	4,556	3,915	17,380
23	Anthracite contract services, excl. strip mining.	542	847	233	137	275	479
24	**Bituminous coal and lignite mining**	731,427	2,068,183	390,778	218,833	476,676	874,305
25	Bituminous coal	[11] 727,358	[11] 2,040,200	388,955	216,813	474,747	865,649
26	Lignite	3,457	10,387	1,595	574	1,603	2,588
27	Bituminous coal and lignite mining contract services.	612	17,596	228	1,446	326	6,068
28	**Crude petroleum and natural gas extraction.**	1,659,831	9,341,539	186,150	315,735	318,382	1,462,443
29	Crude petroleum, natural gas, and natural gas liquids.	1,472,292	7,710,519	146,388	189,846	253,163	920,797
30	Crude petroleum	1,375,954	6,642,452	136,051	161,282	234,899	790,946
31	Natural gas		427,645		11,224		44,794
32	Natural gasoline	96,338	[11] 507,655	10,337	15,045	18,264	73,359
33	Cycle condensate		132,767		2,295		11,698
34	Oil- and gas-field contract services	187,539	1,631,020	39,762	125,889	65,219	541,646
35	**Nonmetallic minerals, excl. fuels, mining.**	275,071	1,582,192	[14] 75,055	113,428	[14] 87,963	450,020
36	Dimension stone [15]	6,356	18,945	2,890	3,224	3,007	8,625
37	Crushed and broken stone [16]	79,606	465,254	26,575	37,404	29,213	145,196
38	Sand and gravel [17]	79,403	466,015	19,777	36,466	25,215	147,313
39	Clay, ceramic, and refractory minerals [18]	18,376	103,768	7,936	8,232	6,992	26,504
40	Natural abrasives, excl. sand	1,335	4,474	443	285	479	1,161
41	Chemical and fertilizer mineral mining	74,090	457,586	12,231	21,609	17,270	99,391
42	Barite	2,065	18,269	854	1,125	752	3,874
43	Fluorspar	3,398	[11] 15,461	1,396	1,260	1,362	4,866
44	Potash, soda, and borate minerals	17,031	107,757	2,438	6,322	4,756	33,439
45	Phosphate rock	12,286	[11] 117,976	3,754	5,440	3,729	21,529
46	Rock salt	6,896	35,658	1,561	1,925	1,974	8,571
47	Sulfur	31,812	140,685	2,024	4,095	4,456	21,186
48	Chemical and fertilizer mineral mining, not elsewhere classified.	602	21,780	204	1,442	241	15,926
49	Nonmetallic minerals, excl. fuels, contract services.	966	6,571	335	639	368	2,327
50	Misc. nonmetallic minerals, excl. fuels	14,939	59,579	4,669	5,569	5,193	19,503

[1] Represents value of shipments of primary and secondary products of the industry and amount received for contract services performed for other establishments. Figures for 1939 represent value of production.
[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, fuel, electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. For 1939, comparable data not available for capital expenditures or for cost of purchased machinery and equipment.
[7] Represents horsepower of all prime movers plus horsepower of electric motors driven by purchased energy.
[8] Excludes figures for uranium-radium-vanadium ores industry (not available).
[9] Includes statistics for employees at central offices not classified by industry.
[10] Includes statistics for nonproducing metal mining establishments not classified by industry.

SUMMARY: 1939 AND 1954

establishments with value of production and with expenditures less than $2,500; for 1954, less than $500]

PRODUCTION AND DEVELOPMENT WORKERS [4]						VALUE ADDED IN MINING [6]		Capital expenditures, 1954	AGGREGATE HORSEPOWER [7]		
Number		Man-hours [5]		Wages							
1939	1954	1939	1954	1939	1954	1939	1954		1939	1954	
759,452	647,141	1,257,713	1,248,898	$955,207	$2,572,297	$2,640,535	[8] $11,546,418	$2,723,756	13,885	40,711	1
[10] 89,791	81,896	[10] 190,834	168,346	[10] 127,111	353,303	417,024	[8] 1,075,519	221,067	[10] 2,263	5,113	2
20,377	28,216	38,513	53,288	27,431	119,688	133,391	435,668	84,978	600	1,795	3
23,844	21,544	51,241	46,676	34,486	98,491	108,494	334,876	82,210	753	1,545	4
15,731	13,592	32,481	27,554	20,253	53,676	47,310	107,409	11,520	353	749	5
[12]	475	[12]	903	[12]	1,726	[12]	3,415	575	[12]	29	6
[12]	1,308	[12]	2,383	[12]	4,406	[12]	7,733	2,339	[12]	64	7
[12]	11,809	[12]	24,268	[12]	47,544	[12]	96,261	8,606	[12]	656	8
25,075	4,200	58,665	9,363	38,953	17,406	104,798	35,354	3,747	445	212	9
17,591	2,634	41,522	5,894	27,304	10,406	66,523	21,884	2,177	291	112	10
3,228	501	8,088	1,255	5,632	1,997	21,935	3,614	504	110	64	11
4,256	1,065	9,055	2,214	6,017	5,003	16,340	9,856	1,066	44	36	12
727	661	1,176	1,288	578	2,529	1,965	12,827	310	13	49	13
2,168	6,838	4,686	15,122	3,096	31,330	16,405	107,399	15,519	56	368	14
504	2,266	959	4,293	483	7,643	706	18,118	3,264	5	106	15
701	2,635	1,639	6,327	1,114	13,148	2,427	40,744	6,326	15	156	16
963	1,937	2,088	4,502	1,499	10,539	13,272	48,537	5,929	36	107	17
637	2,863	1,344	6,519	853	13,933	1,822	26,703	2,400	23	152	18
1,182	3,982	2,622	8,536	1,390	16,250	2,837	[8] 15,283	20,383	19	242	19
83,112	33,026	124,462	48,266	107,798	113,932	154,023	196,835	10,494	1,092	1,506	20
80,429	28,823	120,085	42,061	104,378	98,678	146,418	167,090	7,884	1,019	1,072	21
2,461	4,074	4,038	6,038	3,166	14,809	7,126	29,079	2,537	71	433	22
222	129	339	167	254	445	479	666	73	2	1	23
370,944	199,655	545,702	325,769	432,188	764,863	610,674	1,418,384	118,811	3,373	6,332	24
369,265	197,819	542,310	322,410	430,564	757,175	607,318	1,396,774	115,761	3,344	6,093	25
1,480	505	3,027	901	1,384	2,177	2,879	9,093	639	21	75	26
199	1,331	365	2,458	240	5,511	477	12,517	2,411	8	164	27
148,996	235,483	265,028	491,718	220,435	976,595	[13] 1,242,473	[13] 7,673,694	2,226,316	5,101	20,101	28
113,837	123,352	207,308	244,443	168,912	523,938	[13] 1,129,498	[13] 6,555,150	2,008,413	4,169	12,025	29
105,505	101,542	190,674	201,086	155,700	430,497	1,071,989	5,741,256	1,770,683	3,397	8,636	30
	8,250		15,495		29,458		387,957	127,771		487	31
8,332	11,740	16,634	24,119	13,212	55,114	(13)	(13)	102,277	772	2,536	32
	1,820		3,743		8,869	(13)	(13)	7,682		366	33
35,159	112,131	57,720	247,275	51,523	452,657	(13)	1,118,544	217,903	932	8,076	34
[14] 66,609	97,081	[14] 131,687	214,799	[14] 67,675	363,604	216,341	1,181,986	147,068	[14] 2,056	7,659	35
2,725	3,068	5,216	5,893	2,659	7,938	5,283	15,155	947	59	94	36
24,110	33,124	46,973	75,559	23,652	122,499	59,356	337,611	44,943	834	2,779	37
16,959	30,533	35,785	70,103	18,822	118,966	61,935	356,729	46,087	699	3,210	38
7,233	7,463	12,805	15,377	5,429	22,490	14,423	78,449	9,062	85	361	39
383	251	797	524	346	932	1,115	3,681	398	5	14	40
10,586	17,295	21,062	36,418	12,230	73,324	61,683	340,520	37,641	276	928	41
792	1,036	1,439	2,403	597	3,451	1,652	14,051	1,012	10	68	42
1,287	997	2,568	2,001	1,134	3,451	2,656	9,914	749	21	49	43
2,049	4,738	4,388	9,381	3,445	23,028	13,330	82,213	9,056	61	195	44
3,372	4,579	6,680	10,119	2,871	17,089	9,003	62,089	11,338	113	357	45
1,380	1,659	2,608	3,861	1,434	7,117	5,721	30,013	2,186	23	47	46
1,517	3,077	3,031	6,229	2,545	14,619	28,863	124,166	8,845	45	159	47
189	1,209	348	2,424	204	4,569	458	18,074	4,455	3	52	48
307	614	632	1,258	320	2,214	725	4,884	381	18	38	49
4,126	4,733	8,064	9,667	4,029	15,241	11,821	44,957	7,609	75	238	50

[11] Represents gross shipments from these industries and contains duplication due to inclusion of shipments to other establishments in same industries for further processing.

[12] Not available.

[13] Partly estimated figures in specific industries included in totals.

[14] Includes statistics for nonproducing nonmetallic minerals, except fuels, establishments not classified by industry.

[15] Excludes data for dimension stone quarries operated in conjunction with dressing plants.

[16] Excludes data for quarries included in establishments classified in manufacturing and wholesale trade industries.

[17] For 1954, excludes data for sand and gravel mining in establishments classified in manufacturing and wholesale trade industries.

[18] For 1954, excludes data for clay mining in clay products establishments classified in manufacturing industries.

Source: Department of Commerce, Bureau of the Census; *Census of Mineral Industries: 1954*, Series MI final bulletins.

No. 938.—Imports and Exports of Principal Mineral Products: 1954 to 1956

MINERAL	QUANTITY				VALUE ($1,000)		
	Unit	1954	1955	1956	1954	1955	1956
IMPORTS FOR CONSUMPTION							
Fuels: Petroleum, crude	1,000 barrels	242,645	294,096	354,727	544,550	654,788	837,626
Nonmetallic minerals:							
Asbestos	Short tons	678,390	740,423	689,910	55,857	60,958	61,939
Diamonds:							
Gem	1,000 carats	1,482	1,774	1,870	122,182	151,632	162,012
Industrial	do	13,989	15,105	16,404	48,521	66,107	73,989
Mica	Short tons	8,924	16,490	13,609	8,710	11,269	11,759

No. 939.—Employment and Injuries in Mineral Industries, by Industry Group: 1920 to 1956

[illegible]

No. 940.—Coal—Production, Consumption, Imports, and Exports: 1920 to 1956

[Quantities in thousands of short tons, except as indicated; values in thousands of dollars. Includes coal consumed at mines. See also *Historical Statistics, 1789–1945*, series G 13–42]

ITEM	1920	1930	1940	1945	1950	1955	1956
Total coal production:							
Quantity	658,265	536,911	512,257	632,551	560,388	490,838	529,774
Value, total	2,564,185	1,150,057	1,084,817	2,092,148	2,892,772	2,298,480	2,648,789
BITUMINOUS COAL [1]							
Production:							
Quantity	568,667	467,526	460,772	577,617	516,311	464,633	500,874
Value, total	2,129,933	795,483	879,327	1,768,204	2,500,374	2,092,383	2,412,004
Average per ton	3.75	1.70	1.91	3.06	4.84	4.50	4.82
Exports:							
Quantity	38,517	15,877	16,466	27,956	25,468	51,277	68,546
Value	304,273	59,186	60,832	147,954	206,545	(2)	(2)
Imports:							
Quantity	1,245	241	372	467	347	337	356
Value	6,734	1,135	1,501	2,294	2,369	(2)	(2)
Consumption	508,595	454,990	430,910	559,567	454,202	423,412	432,858
Number of mines	8,921	5,891	6,324	7,033	9,429	7,856	8,520
Average number of men employed [3]	639,547	493,202	439,075	383,100	415,582	225,093	228,163
Calculated capacity [4] (millions of net tons):							
At 308 days per year	796	770	703	682	867	681	721
At 280 days per year	725	700	639	620	790	620	655
At 261 days per year	675	653	595	578	734	577	611
Average number of days worked	220	187	202	261	183	210	214
Average tons per man:							
Per day	4.00	5.06	5.19	5.78	6.77	9.84	10.28
Per year	881	948	1,049	1,508	1,239	2,064	2,195
Percent underground production:							
Cut by machines	60.7	81.0	88.4	90.8	91.8	88.1	84.6
Mechanically loaded	----------	10.5	35.4	56.1	69.4	84.6	84.0
Percent total production:							
Mechanically cleaned	3.3	8.3	22.2	25.6	38.5	58.7	58.4
Mined by stripping	1.5	4.3	9.2	19.0	23.9	24.8	25.4
ANTHRACITE (PA.) [5]							
Production:							
Quantity	89,598	69,385	51,485	54,934	44,077	26,205	28,900
Value, total	434,252	354,574	205,490	323,944	392,398	206,097	236,785
Average per ton	4.85	5.11	3.99	5.90	8.90	7.86	8.19
Exports:							
Quantity	5,404	2,552	2,668	3,691	3,892	3,152	5,244
Value	45,538	24,509	21,210	36,435	62,502	48,429	72,479
Imports:							
Quantity	32	675	135	(6)	18	(6)	(6)
Value	258	4,376	976	1	255	1	1
Consumption (apparent)	85,786	67,628	49,000	51,600	39,900	23,600	24,000
Average number of men employed	145,074	150,804	91,313	72,842	72,624	[7] 33,523	31,516
Average number of days worked	271	208	186	269	211	[7] 197	216
Average tons per man:							
Per day	2.28	2.21	3.02	2.79	2.83	[7] 3.96	4.25
Per year	618	460	562	751	597	[7] 780	918
Quantity cut by machines	938	1,410	1,816	1,210	612	394	400
Quantity mined by stripping	2,054	2,536	6,353	10,056	11,834	7,704	8,354
Quantity loaded mechanically underground	----------	4,468	12,326	13,928	12,336	6,661	7,308
World total, bituminous coal, lignite, and anthracite	1,453,948	1,558,668	1,983,057	1,494,734	1,997,388	2,352,800	[8] 2,482,100

[1] Data relate to mines having output of 1,000 tons a year or more, including lignite and small output of anthra-

No. 941.—Coal—Production, by States: 1936 to 1956

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

STATE	1936–1940, avg.	1941–1945, avg.	1946–1950, avg.	1951–1955, avg.	1952	1953	1954	1955	1956
Total quantity	468,860	636,037	595,972	496,725	507,423	488,240	420,789	490,838	529,774
Anthracite (Pa.)	51,101	59,195	52,323	33,898	40,583	30,949	29,083	26,205	28,900
Bituminous and lignite	417,758	576,842	543,649	462,827	466,841	457,290	391,706	464,633	500,874
Alabama	12,620	17,783	16,278	12,176	11,383	12,532	10,282	13,088	12,663
Arkansas	1,387	1,821	1,459	762	873	775	477	578	590
Colorado	6,435	7,830	5,360	3,554	3,623	3,575	2,900	3,568	3,502
Illinois	48,367	68,442	60,034	46,781	45,790	46,010	41,971	45,932	48,102
Indiana	17,232	25,216	21,500	16,232	16,350	15,812	13,400	16,149	17,089
Iowa	3,376	2,569	1,752	1,371	1,381	1,388	1,197	1,258	1,358
Kansas	2,949	3,654	2,386	1,564	2,029	1,715	1,372	742	884
Kentucky	44,970	64,020	74,791	66,426	66,114	65,060	56,964	69,020	74,555
Maryland	1,496	1,854	1,406	528	588	530	422	512	669
Missouri	3,577	3,947	3,720	2,873	2,955	2,393	2,514	3,232	3,283
Montana	2,871	4,245	3,017	1,805	2,070	1,873	1,491	1,247	846
New Mexico	1,378	1,600	1,164	476	760	514	123	201	158
North Dakota	2,161	2,447	2,901	[1] 2,423	2,984	2,803	(1)	3,102	2,815
Ohio	22,188	32,190	35,458	35,847	36,209	34,737	32,469	37,870	38,934
Oklahoma	1,444	2,623	3,046	2,133	2,193	2,168	1,915	2,164	2,007
Pennsylvania	101,556	138,876	120,441	89,680	89,181	93,331	72,010	85,713	90,287
Tennessee	5,197	7,184	5,520	5,923	5,265	5,467	6,429	7,053	8,848
Utah	3,373	6,012	6,613	6,025	6,140	6,544	5,008	6,296	6,522
Virginia	13,324	19,121	17,190	20,399	21,579	19,119	16,387	23,508	28,063
Washington	1,744	1,641	1,020	724	844	690	619	610	473
West Virginia	112,932	154,335	151,153	138,858	141,713	134,105	115,996	139,168	155,891
Wyoming	5,617	8,664	6,889	4,704	6,088	5,245	2,831	2,927	2,553
Other States and Alaska	1,564	769	550	[1] 1,564	729	904	[1] 4,929	695	782

[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. 942.—Consumption of Bituminous Coal and Lignite, by Consumer Class, With Retail Deliveries: 1940 to 1956

[In thousands of short tons]

YEAR	Total of classes shown	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
1951	468,904	101,898	2,220	54,005	11,418	102,030	11,260	8,507	103,188	74,378
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

[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 manufacturing plants and retailers.

No. 943.—Coke—Summary: 1920 to 1956

[See also *Historical Statistics, 1789–1945*, series G 43–56]

ITEM	1920	1930	1940	1945	1950	1955	1956
Production, total.....1,000 short tons	51,345	47,972	57,072	67,308	72,718	75,302	74,454
Oven coke.....do	30,834	45,196	54,014	62,094	66,891	73,584	71,992
Percent of total	60.1	94.2	94.6	92.3	92.0	97.7	96.7
Beehive coke.....1,000 short tons	20,511	2,776	3,058	5,214	5,827	1,718	2,462
Value of products at plant, total.....$1,000,000	581	378	442	699	1,279	1,635	1,719
Beehive coke.....do	163	10	14	38	77	22	35
Oven coke.....do	313	200	260	470	900	1,200	1,274

No. 945.—Coal—Reserves, by States: 1956

[In millions of short tons. As of January 1. Production from beginning of mining through 1955, except where noted]

STATE	ESTIMATED ORIGINAL RESERVES			RESERVES DEPLETED		Remaining reserves	Recoverable reserves [2]
	Total	Bituminous	Other	Total [1]	Production		
Total	**1,903,215**	**1,042,376**	[3] 860,839	58,376	[4] 29,188	1,844,839	922,420
Alabama	67,570	67,570	----------	1,790	895	65,780	32,890
Arkansas	1,716	1,396	320	192	96	1,524	762
Colorado	100,408	90,258	10,150	988	494	99,420	49,710
Illinois	[5] 137,321	[5] 137,321	----------	[6] 580	[6] 290	136,741	68,371
Indiana	37,293	37,293	----------	2,168	1,084	35,125	17,562
Iowa	29,160	29,160	----------	704	352	28,456	14,228
Kansas	[5] 20,774	[5] 20,774	(7)	[6] 22	[6] 11	20,752	10,376
Kentucky	123,327	123,327	----------	4,748	2,374	118,579	59,290
Maryland	[5] 1,200	[5] 1,200	----------	[6] 6	[6] 3	1,194	597
Missouri	79,362	79,362	----------	548	274	78,814	39,407
Montana	222,047	2,363	219,684	338	169	221,709	110,855
New Mexico	61,755	10,948	50,807	248	124	61,507	30,753
North Dakota	350,910	----------	350,910	172	86	350,738	175,369
Ohio	86,584	86,584	----------	3,816	1,908	82,768	41,384
Oklahoma	3,672	3,672	----------	344	172	3,328	1,664
Pennsylvania	97,898	75,093	22,805	26,198	13,099	71,700	35,850
South Dakota	2,033	----------	2,033	2	1	2,031	1,015
Tennessee	25,665	25,665	----------	720	360	24,945	12,473
Texas	31,000	8,000	23,000	124	62	30,876	15,438
Utah	93,340	88,184	5,156	472	236	92,868	46,434
Virginia	12,051	11,696	355	1,338	669	10,713	5,356
Washington	63,878	11,413	52,465	294	147	63,584	31,792
West Virginia	116,618	116,618	----------	11,640	5,820	104,978	52,489
Wyoming	121,554	13,235	108,319	788	394	120,766	60,383
Other States	16,079	[8] 1,244	[9] 14,835	[8] 136	[8] 68	15,943	7,972

[1] Assuming past mining losses equal production. [2] Assuming 50-percent recovery.
[3] Comprises subbituminous (373,091 million tons), lignite (463,616 million tons), and anthracite and semianthracite (24,132 million tons). [4] Somewhat less than total recorded production (32,808 million tons). See footnote 6.
[5] Remaining reserves, January 1, 1950. [6] Production, 1950 through 1955.
[7] Estimate excluded because standards used not in accord with those employed elsewhere.
[8] Includes Arizona, California, Georgia, Idaho, Michigan, North Carolina, and Oregon.
[9] Includes Arizona, California, Louisiana, and Oregon.

Source: Department of the Interior, Geological Survey; Circular No. 293, *Coal Resources of the United States* (as revised).

No. 946.—Consumption of Fuel Oils and Natural Gas, by Major Consumer Groups: 1950 to 1956

[Fuel oils in thousands of barrels of 42 gallons; natural gas in millions of cubic feet]

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
1952	479,210	68,002	17,213	8,350	42,760	279,326	9,644	7,976	45,939
1953	488,844	75,246	16,898	6,825	42,384	283,100	9,569	7,755	47,067
1954	526,245	77,389	15,563	6,070	41,589	320,117	8,752	7,699	49,066
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
Residual fuel oil:									
1950	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1952	556,273	40,489	110,412	70,497	158,373	79,151	37,185	54,421	5,745
1953	564,729	28,477	114,324	85,352	166,748	81,824	30,435	51,243	6,326
1954	520,714	16,122	108,790	70,749	160,121	78,845	26,887	52,165	7,035
1955	556,983	15,018	115,128	75,966	173,030	86,282	28,368	53,387	9,804
1956	561,538	10,575	117,445	73,962	177,807	87,601	30,546	53,271	10,331
Natural gas:									
1950	6,026,404	--------	--------	[1] 628,919	[2] 2,672,082	1,586,207	--------	1,768,115	--------
1952	7,613,478	--------	--------	[1] 910,117	[2] 3,248,480	2,137,635	--------	2,227,363	--------
1953	7,979,338	--------	--------	[1] 1,034,272	[2] 3,503,091	2,216,153	--------	2,260,094	--------
1954	8,402,852	--------	--------	[1] 1,165,498	[2] 3,672,834	2,479,205	--------	2,250,813	--------
1955	9,070,343	--------	--------	[1] 1,153,280	[2] 3,939,012	2,753,171	--------	2,378,160	--------
1956	9,706,878	--------	--------	[1] 1,239,311	[2] 4,266,578	3,044,435	--------	2,395,865	--------

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

No. 947.—Natural Gas—Production, Consumption, and Value: 1930 to 1956

[See also *Historical Statistics, 1789-1945*, series G 59-61 for production and value figures]

ITEM	1930	1935	1940	1945	1950	1955	1956
Total marketed production bil. cu. ft.	1,943	1,917	2,660	3,919	[1] 6,282	[1] 9,405	[1] 10,082
Value (at wells) of gas produced mil. dol.	147	110	120	191	409	978	1,084
Average per 1,000 cu. ft. cents	7.6	5.8	4.5	4.9	6.5	10.4	10.8
Number of producing gas wells, Dec. 31	55,020	53,790	53,880	60,660	64,900	71,475	74,261
Total consumption bil. cu. ft.	1,942	1,910	2,655	3,900	6,026	9,070	9,707
Residential do	296	313	444	607	1,198	2,124	2,328
Commercial do	81	100	135	230	388	629	717
Industrial do	1,565	1,496	2,076	3,063	4,440	6,317	6,662
Value (at point of consumption) of gas consumed, total mil. dol.	416	428	577	834	1,604	3,626	4,025
Residential do	201	234	316	415	826	1,885	2,126
Commercial do	39	49	64	98	184	395	465
Industrial do	176	145	197	322	593	1,346	1,433
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

No. 949.—Natural Gas and Natural-Gas Liquids—Production, by States: 1930 to 1956

[**Gas in millions of cubic feet; natural-gas liquids in millions of gallons.** Production figures for gas (except as noted) refer only to that used by the ultimate consumer, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost]

STATE	NATURAL GAS—MARKETED PRODUCTION					Natural gas reserves, 1956 [1]	NATURAL-GAS LIQUIDS PRODUCED		
	1930	1940	1950	1955	1956		1954	1955	1956
Total	1,943,421	2,660,222	[2] 6,282,060	[2] 9,405,351	[2] 10,081,923	237,774,569	10,590	11,818	12,295
Arkansas	18,585	14,379	48,047	32,123	30,162	1,171,527	109	105	98
California	334,789	351,950	558,398	538,178	504,458	8,751,233	1,319	1,291	1,287
Colorado	3,312	2,533	11,168	49,152	54,205	2,422,769	[3] 43	[3] 71	[3] 106
Illinois	2,890	8,359	13,285	8,033	6,177	219,705	[4] 310	[4] 351	[4] 375
Kansas	37,630	90,003	364,024	471,041	526,091	17,566,257	[5] 207	211	196
Kentucky	28,023	53,056	73,316	73,214	73,687	1,245,602	218	224	284
Louisiana	278,341	343,191	831,771	1,680,032	1,886,302	45,053,999	957	1,073	1,079
Michigan	2,075	12,648	11,250	8,300	10,911	361,786	(4)	(4)	(4)
Mississippi	179	6,365	114,153	163,167	185,137	2,403,326	43	35	36
Montana	10,060	26,231	39,186	28,255	25,847	696,351	(3)	(3)	(3)
New Mexico	9,497	63,990	212,909	540,664	626,340	23,472,707	450	539	615
New York	9,624	12,187	3,336	3,637	4,098	85,249			
Ohio	63,394	40,639	43,163	33,756	25,368	853,607	(4)	(4)	(4)
Oklahoma	348,116	257,626	482,360	614,976	678,603	13,775,049	932	1,017	1,069
Pennsylvania	88,706	90,725	91,137	99,172	104,508	776,212	6	5	5
Texas	517,880	1,063,538	3,126,402	4,730,798	4,999,889	112,728,750	5,716	6,438	6,696
West Virginia	144,180	188,751	189,980	212,403	204,717	1,561,737	184	323	277
Wyoming	43,219	27,346	62,062	77,819	84,398	3,235,932	93	86	99
Other States	2,921	6,705	6,113	40,631	51,025	1,392,771		48	73

[1] 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.
[2] Comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines.
[3] Montana and Utah included with Colorado.
[4] Michigan and Ohio included with Illinois.
[5] Includes Nebraska and North Dakota.

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

No. 950.—Petroleum—Runs to Stills and Refinery Products, by Class: 1930 to 1957

[**In thousands of barrels of 42 gallons**]

PRODUCT	1930	1940	1945	1950	1955	1956	1957 (prel.)
Input, total	970,617	1,333,709	1,789,858	2,189,506	2,856,600	3,040,168	3,040,526
Crude petroleum, total	927,447	1,294,162	1,719,534	2,094,867	2,730,218	2,905,106	2,890,436
Domestic	866,615	1,252,364	1,645,862	1,918,854	2,446,833	2,563,655	2,529,672
Foreign	60,832	41,798	73,672	176,013	283,385	341,451	360,764
Natural gasoline	43,170	39,547	70,324	94,639	126,382	135,062	150,090
Output, total	970,617	1,333,709	1,789,858	2,189,506	2,856,600	3,040,168	3,040,526
Gasoline	432,241	597,375	774,460	998,093	1,331,528	1,396,787	1,415,335
Kerosene	49,208	73,882	81,024	118,512	[1] 117,137	[1] 123,480	[1] 108,929
Distillate fuel oil	81,551	183,304	249,224	398,912	[1] 602,547	[1] 665,687	[1] 668,573
Residual fuel oil	290,947	316,221	469,492	425,217	420,331	426,699	415,656
Jet fuel					56,648	66,443	63,322
Lubricants	34,201	36,765	41,867	51,735	55,836	59,211	55,723
Wax (1 bbl.=280 lb.)	1,956	1,833	2,921	4,462	5,293	5,367	5,461
Coke (5 bbl.=1 s. ton)	9,895	7,633	10,115	17,224	28,337	31,095	33,466
Asphalt (5.5 bbl.=1 s. ton)	18,194	29,406	39,196	58,240	83,121	90,636	85,683
Road oil	5,425	7,771	2,686	6,928	8,482	8,027	7,209
Still gas (1 bbl.=3,600 cu. ft.)	5,377	75,950	103,458	83,743	116,506	121,993	125,720
Liquefied gases	2,377	3,202	19,080	29,083	43,615	51,962	53,437
Other finished products				4,717	[1] 10,806	[1] 12,493	[1] 15,816
Crude gasoline (net)		902	[2] *4,892*	*243*	(3)	(3)	(3)
Other unfinished oils (net)	2,242	[2] *3,848*	[2] *5,727*	[2] *6,891*	[1 2] *11,231*	[1 2] *4,008*	[1] 1,355
Shortage	37,003	3,313	6,954	[4] *712*	[4] *12,356*	[4] *16,704*	[4] *15,159*

[1] Unfinished oils, kerosene, distillate fuel oils, and miscellaneous oils produced at natural gasoline plants shown as direct "transfers" and omitted from the input and output at refineries.
[2] Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.
[3] Included in gasoline. [4] Negative quantity.

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

No. 951.—Crude Petroleum, Refined Products, and Natural-Gas Liquids—Production and Stocks: 1920 to 1957

[Barrels of 42 gallons. See also *Historical Statistics, 1789–1945*, series G 57–58]

ITEM	1920	1930	1940	1945	1950	1955	1956	1957 (prel.)
Crude petroleum:								
Domestic production, mil. bbl.	443	898	1,353	1,714	1,974	2,484	2,617	2,617
Value at wells, mil. dol.	1,361	1,070	1,385	2,094	4,963	6,870	7,263	(1)
World production, mil. bbl.	689	1,412	2,144	2,595	3,803	5,634	6,125	(1)
U. S. proportion of world total, percent	64	64	63	66	52	44	43	(1)
Imports [2], mil. bbl.	106	62	43	74	178	285	342	373
Exports [2], do.	9	24	51	33	35	12	29	50
Stocks, end of period:								
Gasoline-bearing crude, do.	149	409	265	219	248	266	266	282
California heavy crude, do.	(3)	(3)	12	4				
Runs to stills, do.	434	927	1,294	1,720	2,095	2,730	2,905	2,890
Average price per barrel at wells	$3.07	$1.19	$1.02	$1.22	$2.51	$2.77	$2.77	(1)
Refined products:								
Imports [2], mil. bbl.	3	43	41	39	133	170	184	200
Exports [2], do.	70	133	79	150	76	123	129	155
Stocks, end of period [4], do.	[3] 60	[3] 254	281	236	327	436	494	538
Output of motor fuel, do.	118	441	617	798	1,024	[5] 1,374	1,429	1,438
Yield of gasoline, percent	26.1	42.0	43.1	40.9	43.0	43.9	43.4	43.8
Completed refineries, end of year	415	435	556	393	357	318	319	(1)
Daily crude-oil capacity of refineries, mil. bbl.	1.9	3.9	4.7	5.3	7.0	8.6	9.1	(1)
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities [6], cents per gal.	28.05	14.49	9.08	10.33	15.10	16.18	16.34	(1)
Natural-gas liquids: [7]								
Production, mil. bbl.	9	53	56	112	182	281	293	294
Stocks, end of period, do.	(1)	2	6	4	7	14	21	21

[1] Not available.
[2] Excludes trade between Alaska, Hawaii, and Puerto Rico, and foreign countries. Exports include shipments from continental U. S. to Territories and possessions.
[3] Figure for California heavy crude included in refined products.
[4] Beginning 1952, new basis; not comparable with earlier years.
[5] Excludes jet fuel.
[6] American Petroleum Institute figures; prior to 1940, average tank-wagon prices.
[7] For greater detail, see tables 948 and 949.

No. 952.—Petroleum, Crude—Production, 1941 to 1957, and Reserves, 1950 and 1957, by States

[In thousands of barrels of 42 gallons]

STATE	PRODUCTION						PROVED RESERVES [1] (December 31)	
	1941–1945, avg.	1946–1950, avg.	1951–1955, avg.	1955	1956	1957 (prel.)	1950	1957
U. S. [2]	1,537,209	1,885,325	2,338,809	2,484,428	2,617,283	2,616,778	25,268,000	30,300,405
Arkansas	27,717	30,220	29,284	28,369	29,355	30,597	342,000	304,959
California	280,210	329,694	357,955	354,812	350,754	339,668	3,734,000	3,759,754
Colorado	2,958	18,462	38,693	52,653	58,516	54,867	339,000	309,939
Illinois	94,710	66,619	65,516	81,423	82,346	78,278	564,000	654,746
Indiana	5,885	8,038	11,630	10,988	11,513	12,859	57,000	66,736
Kansas	96,447	104,542	116,976	121,669	124,204	121,705	732,000	947,484
Kentucky	7,425	9,592	12,873	15,518	17,628	16,879	56,000	138,040
Louisiana	123,196	177,009	250,082	271,010	299,421	323,199	2,185,000	3,857,569
Michigan	18,928	16,501	12,551	11,266	10,740	10,169	79,000	49,492
Mississippi	19,673	36,237	36,190	37,741	40,824	39,202	386,000	359,550
Montana	8,117	8,835	12,067	15,654	21,760	27,215	111,000	319,991
Nebraska			6,110	11,203	16,204	19,586		63,059
New Mexico	37,383	44,144	67,924	82,958	87,893	94,759	592,000	831,744
New York	5,002	4,563	3,691	2,904	2,748	2,677	59,000	37,533
North Dakota			4,785	11,143	13,495	13,642		258,221
Ohio	3,228	3,296	3,667	4,353	4,755	5,478	27,000	68,150
Oklahoma	136,492	149,305	193,708	202,817	215,862	215,111	1,397,000	1,941,521
Pennsylvania	15,384	12,317	10,173	8,531	8,230	8,179	106,000	126,490
Texas	616,884	811,726	1,015,829	1,053,297	1,107,808	1,083,812	13,582,000	14,555,140
West Virginia	3,261	2,777	2,724	2,320	2,179	2,215	39,000	52,545
Wyoming	33,304	49,660	82,527	99,483	104,830	106,616	841,000	1,419,718
All other	1,005	1,788	3,854	4,316	6,188	10,065	40,000	178,024

[1] Includes off-shore reserves of California, Louisiana, and Texas. Figures from *The Oil and Gas Journal*.
[2] Includes quantities for States not shown separately.

Source of tables 951 and 952: Department of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 955.—Cement—Summary: 1920 to 1956

[Barrels of 376 pounds. Includes Hawaii in 1945 and Puerto Rico beginning 1940. See also *Historical Statistics, 1789-1945*, series G 65-66]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Production of finished cement, total..1,000 bbl..	100,790	162,989	132,751	104,289	230,272	275,857	314,913	333,472
Portland.....do....	100,023	161,197	130,216	102,805	226,026	272,353	297,453	316,438
Prepared masonry do....	(1)	(1)	(1)	(1)	(1)	(1)	[2] 16,519	[2] 15,906
Natural, slag, and hydraulic lime..1,000 bbl..	[2] [3] 767	[2] 1,792	[2] 2,535	[2] 1,484	[2] 4,246	[2] 3,504	941	1,128
Active plants: Portland.....number..	117	163	152	145	150	157	157	160
Natural, slag, and hydraulic lime..number..	9	11	12	9	9	8	6	6
Shipments, total 1,000 bbl..	97,079	160,846	132,864	107,833	231,975	278,385	310,245	325,650
Value.....$1,000..	195,590	231,250	193,465	175,431	545,951	773,076	896,888	1,003,298
Per barrel.....dollars..	2.01	1.44	1.46	1.63	2.35	2.78	2.89	3.08
Portland.....1,000 bbl..	96,312	159,059	130,350	106,354	227,756	274,872	292,765	308,678
Prepared masonry do....	(1)	(1)	(1)	(1)	(1)	(1)	[2] 16,526	[2] 15,898
Natural, slag, and hydraulic lime..1,000 bbl..	[2] 767	[2] 1,787	[2] 2,514	[2] 1,479	[2] 4,219	[2] 3,513	954	1,074
Stocks at mills, Dec. 31 (finished portland cement).....1,000 bbl..	8,833	25,899	23,365	16,625	13,119	16,533	17,539	22,414
Imports.....do....	525	985	538	(4)	1,410	450	5,220	4,456
Exports.....do....	2,986	756	1,668	6,475	2,418	1,859	1,795	1,973
World production (estimate).....1,000 bbl..	(5)	416,880	474,927	290,233	781,500	1,142,000	1,275,100	1,379,900

[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] Shipments.
[4] Less than 500 barrels.
[5] Not available.

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

No. 956.—Portland Cement—Production, by States: 1920 to 1956

[In thousands of barrels of 376 pounds]

STATE	1920	1930	1940	1945	1950	1954	1955	1956
Total [1]	100,023	161,197	130,217	[2] 102,805	226,026	272,353	297,453	316,438
Alabama	1,132	4,821	5,122	5,542	10,372	10,997	12,161	12,969
California	7,098	10,124	14,216	15,952	26,277	32,599	35,449	39,547
Illinois	5,539	7,935	4,975	4,367	7,924	8,842	8,810	8,823
Iowa	4,849	7,088	4,606	3,194	7,416	9,658	10,182	10,944
Kansas	4,341	6,012	3,433	3,001	8,616	8,803	9,219	10,486
Michigan	4,891	11,511	8,603	5,839	12,967	16,671	18,205	20,485
Missouri	6,018	7,809	4,968	3,185	9,778	11,202	12,001	12,441
New York	5,885	10,373	8,437	[3] 5,617	[3] 14,196	[3] 16,459	[3] 20,049	[3] 19,631
Ohio	1,780	8,632	6,664	4,604	10,607	13,307	13,966	15,723

No. 957.—Sand and Gravel—Quantity Sold or Used by Producers and Value: 1930 to 1956

[Includes Alaska, Hawaii, and Puerto Rico, beginning 1940; the Canal Zone and islands administered by the U. S., beginning 1955. See also *Historical Statistics, 1789–1945*, series G 71–72]

ITEM	1930	1940	1945	1950	1955	1956
Sand and gravel, total.....1,000 **short tons**	197,052	238,308	195,524	370,455	592,153	625,382
Building.....do....	46,605	68,036	61,563	132,873	213,712	219,327
Paving.....do....	84,176	143,158	93,664	204,242	327,976	344,096
Other.....do....	66,271	27,114	40,297	33,340	[1] 50,465	[1] 61,959

No. 959.—Lime—Production, by Type and Use: 1930 to 1956

Includes Hawaii and Puerto Rico. See also *Historical Statistics, 1789–1945*, series G 69–70]

No. 962.—Salt—Production, by States and by Kind, Exports, and Imports: 1910 to 1956

[**In thousands of short tons.** Production figures represent sales plus that used by producers; *they include Puerto Rico, and, beginning 1952, Hawaii.* Imports are imports for consumption. See also *Historical Statistics, 1789–1945*, series G 81–82, for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1910	4,243	49	137	1945	15,394	191	5
1915	5,352	80	122	1950	16,630	190	8
1920	6,840	139	138	1952	19,545	350	7
1925	7,398	155	86	1953	20,789	250	137
1930	8,054	70	54	1954	20,669	385	161
1935	7,927	112	51	1955	22,704	407	186
1940	10,360	147	30	1956	24,216	336	368

STATE AND KIND	1940	1945	1950	1953	1954	1955	1956
Production	**10,360**	**15,394**	**16,630**	**20,789**	**20,669**	**22,704**	**24,216**
By State:							
California	469	695	868	1,123	1,186	1,315	1,444
Kansas	684	856	846	905	877	911	1,004
Louisiana	1,133	1,868	2,279	3,061	3,089	3,563	3,704
Michigan	2,863	4,285	4,447	5,127	5,064	4,975	5,548
New York	2,118	2,862	2,807	3,323	3,413	3,780	3,873
Ohio	2,080	2,765	2,515	3,040	2,749	2,905	2,972
Texas	402	1,101	1,852	2,845	2,864	3,583	3,963
Utah	71	123	117	154	167	196	184
West Virginia	144	370	368	420	472	638	681
Other States	395	469	531	790	791	839	844
By kind:							
Evaporated (manufactured)	2,783	3,183	3,329	3,702	3,731	3,987	4,028
In brine	5,312	8,706	9,373	12,608	12,114	13,424	14,565
Rock salt	2,266	3,506	3,927	4,479	4,825	5,293	5,623
Total value [1] $1,000	26,475	43,914	59,911	78,277	105,586	123,389	136,240

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

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

No. 963.—Iron Ore—Summary: 1910 to 1956

[**In thousands of long tons.** Nearly all exports are to Canada and, in recent years, Japan also. Data exclude ore containing 5 percent or more of manganese. See also *Historical Statistics, 1789–1945*, series G 93–95]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
Production	**57,015**	**67,604**	**58,409**	**73,696**	**88,376**	**98,045**	**102,999**	**97,849**
By district:								
Lake Superior	46,420	57,945	49,383	61,471	74,821	79,627	83,255	77,817
Southeastern	6,895	6,768	5,838	[1] 7,444	6,330	7,508	7,106	6,035
Northeastern	2,605	2,096	2,249	3,560	3,620	4,475	4,650	4,867
Western	1,095	795	939	[1] 1,221	3,088	5,861	6,954	8,045
Undistributed (byproduct ore)	(2)	(2)	(2)	(2)	517	575	1,034	1,085
By type of ore:								
Hematite	51,367	63,883	55,266	68,870	81,295	87,156	92,958	81,144
Brown ore	2,994	1,326	720	935	943	2,615	2,457	3,175
Magnetite	2,632	2,391	2,421	3,891	5,621	7,699	6,550	12,445
Carbonate	22	4	1	1	1			
Byproduct material (pyrites cinder and sinter)	(2)	(2)	(2)	(2)	517	575	1,034	1,085
Number of mines	191	403	208	230	199	247	305	338
Shipments	(2)	69,281	55,201	75,198	88,137	97,764	106,254	97,719
Value $1,000	(2)	285,006	145,619	189,087	243,761	487,990	756,830	757,031
Average value per ton at mine	(2)	$4.11	$2.64	$2.51	$2.77	$4.99	$7.12	$7.75
Stocks at mines, Dec. 31	9,422	11,379	10,383	3,614	4,432	5,726	4,281	5,465
Imports	2,591	1,273	2,775	2,479	1,198	8,281	23,472	30,431
Value $1,000	7,832	4,964	8,113	6,205	4,114	43,968	177,457	250,527
Exports	749	1,145	752	1,386	2,063	2,551	4,517	5,491
Value $1,000	2,474	6,199	2,734	4,625	6,688	15,717	36,993	48,646
World production (estimate)	130,900	114,500	175,600	208,700	159,400	247,000	365,700	388,000

[1] Texas included with Southeastern district.
[2] Not available.

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

No. 964.—Manganese (Including Ferromanganese and Spiegeleisen)—Summary: 1930 to 1956

[Gross weight in thousands of short tons]

ITEM	1930	1940	1945	1950	1954	1955	1956
Manganese ore (35 percent or more Mn):							
Mine shipments	75	45	182	134	206	287	345
Metallurgical ore	60	30	174	123	191	276	341
Battery ore	13	10	8	12	15	12	3
Miscellaneous	2	4			(1)		
General imports	656	1,450	1,462	1,835	2,166	2,078	2,239
Consumption	(2)	(2)	1,486	1,650	1,741	2,110	2,264
World production (estimate)	3,848	6,238	4,674	6,200	10,930	11,715	12,145
Ferromanganese:							
Domestic production	308	515	620	720	719	870	923
Imports for consumption	[3] 49	12	36	110	57	65	160
Exports	[4] 7	[4] 15	1	1	2	2	2
Consumption	(2)	(2)	642	775	717	934	946
Spiegeleisen:							
Domestic production	98	114	139	42	(5)	(5)	(5)
Imports for consumption	15	17	3	9			(1)
Exports	(4)	(4)	2	(1)			
Consumption	(2)	(2)	148	76	52	70	62

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

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

No. 965.—Chromite—Summary: 1930 to 1956

[**Quantities in thousands of short tons; values in thousands of dollars.** See also *Historical Statistics, 1789–1945*, series G 106–107 for figures on shipments]

ITEM	1930	1940	1945	1950	1954	1955	1956
Total supply	366	740	940	1,304	1,634	1,987	2,383
Domestic production (shipments) [1]	(2)	3	14	(2)	163	153	[3] 208
Value	2	29	532	(4)	7,164	6,644	[3] 8,715
Imports for consumption	366	737	926	1,304	1,471	1,834	2,175
Value	3,513	8,755	17,530	23,299	34,197	38,063	49,350
Consumption by industry	(4)	563	808	980	914	1,584	1,847
Exports	(4)	(4)	12	2	1	1	2
World production (estimate)	600	1,600	1,200	2,600	3,600	3,800	4,200

[1] Includes Alaska. [2] Less than 500 short tons.
[3] Includes 45,710 short tons of concentrate produced in 1955 and 1956 from low-grade ore and concentrate stockpiles near Coquille, Oregon, during World War II.
[4] Not available or Bureau of Mines not at liberty to publish.

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

No. 966.—Tungsten—Summary: 1930 to 1956

[Includes Alaska. See also *Historical Statistics, 1789–1945*, series G 108–109]

ITEM	1930	1940	1945	1950	1955	1956
Production:						
Concentrates, 60 percent WO_3 basis—short tons	(1)	5,120	5,662	4,166	16,636	15,510
Tungsten content—1,000 lb	(1)	4,873	5,389	3,965	15,833	14,761
Shipments from mines:						
Concentrates, 60 percent WO_3 basis—short tons	702	5,319	5,534	4,820	16,412	14,737
Tungsten content—1,000 lb	668	5,062	5,267	4,588	15,619	14,027
Reported value f. o. b. mines—$1,000	509	6,576	7,693	8,171	60,841	51,201
Average per pound of tungsten—dollars	.76	1.30	1.46	1.78	3.90	3.65
Imports (tungsten content):						
General—1,000 lb	(1)	9,666	8,639	8,342	20,789	21,857
For consumption—do	3,998	5,611	4,774	16,147	20,700	20,860
Consumption (tungsten content)—do	4,642	9,955	14,146	6,597	8,967	9,061
Stocks, end of year (tungsten content) [2]—1,000 lb	(1)	2,897	4,341	5,337	4,025	4,457
World production (estimate) [3]—short tons	[4] 18,400	48,100	25,100	42,300	81,600	81,400

[1] Not available. [2] Producers, consumers, and dealers.
[3] Concentrates, 60 percent WO_3 basis. [4] Excludes U. S. S. R.

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

No. 967.—Nickel—Summary: 1930 to 1956

[In short tons]

ITEM	1930	1935	1940	1945	1950	1954	1955	1956
Mine production						2,006	4,411	7,392
Plant production:								
Primary	308	160	554	1,155	913	831	3,807	6,722
Secondary	2,900	1,950	4,152	6,483	8,795	8,605	11,540	14,860
Imports (estimated content) [1]	25,300	34,200	83,760	107,433	91,347	131,784	142,117	142,642
Exports (gross weight) [2]	2,388	2,193	11,994	3,876	3,645	14,245	20,601	44,526
Price per pound [3]—cents	35	35	35	31.5	40–50.5	60–64.5	64.5	64.5–74
World production (estimate) [4]	59,800	83,300	144,800	145,000	130,000	192,000	215,000	231,000

[1] Includes metal, ore and matte, oxide powder and oxide sinter, refinery residues (beginning with 1950) and slurry (1956); in addition, through 1945, covers scrap, "bars, rods, tubes, etc.," and nickel-silver.
[2] Excludes "Manufactures;" weight not recorded.
[3] 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. [4] Excludes U. S. S. R.

No. 968.—Molybdenum Concentrates—Summary: 1930 to 1956

[In thousands of pounds of contained molybdenum]

ITEM	1930	1940	1945	1950	1954	1955	1956
Production	3,723	34,313	30,802	28,480	58,668	61,781	57,462
Shipments from mines	3,759	25,329	33,683	44,544	64,021	64,709	57,126
Average price per pound [1]—dollars	[2] 0.73	0.75	0.75	0.91	1.00	1.05	1.13
Exports [3]	(4)	6,585	2,863	6,235	13,547	14,580	17,981
Imports for consumption	145		[5] 204	3	154	134	
Consumption	(4)	(4)	32,696	26,029	24,710	38,799	42,652
Stocks (industry), Dec. 31 [6]	(4)	(4)	16,883	4,326	5,317	2,730	2,920
World production (estimate)	4,200	38,300	36,000	32,000	63,900	67,900	63,200

[1] Per pound of molybdenum contained. Source: *Engineering and Mining Journal.*
[2] July to December only.
[3] Includes roasted concentrates. [4] Not available.
[5] Excludes 460,000 pounds imported for conversion and reexport.
[6] At mines and at plants making molybdenum products.

No. 969.—Gold and Silver—Summary: 1910 to 1956

[Includes Alaska. See also *Historical Statistics, 1789–1945*, series G 118–121]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956

No. 970.—Gold and Silver—Production, by States and Other Areas: 1930 to 1956

[Based upon arrivals at U. S. mints and assay offices and private refineries. See also *Historical Statistics, 1789–1946*, series G 118–121, for mine production excluding Puerto Rico and Philippine Islands]

State or other area	Gold (1,000 fine ounces)						Silver (1,000 fine ounces)					
	1930	1940	1945	1950	1955	1956	1930	1940	1945	1950	1955	1956
Total	**2,286**	**6,003**	**929**	**2,289**	**1,877**	**1,865**	**50,748**	**69,586**	**29,063**	**42,309**	**36,470**	**38,739**
Alaska	407	757	60	276	253	209	392	173	9	50	35	29
Arizona	149	299	78	111	128	147	4,910	6,130	3,411	5,089	4,600	5,139
California	450	1,444	143	410	248	199	1,434	2,225	950	1,000	600	1,010
Colorado	218	369	102	124	87	95	4,852	9,378	2,407	3,343	2,510	2,300
Idaho	21	145	19	69	10	11	9,710	17,477	8,228	15,993	14,000	13,500
Illinois							2	1	2	7	3	2
Michigan							11	90	20	(1)	503	495
Missouri							188	145	20	233	350	350
Montana	47	273	42	57	26	36	8,597	12,152	5,493	7,178	5,829	7,400
Nevada	140	380	91	170	77	69	4,179	5,102	1,156	1,634	834	1,000
New Mexico	32	39	13	7	2	3	1,160	1,576	654	365	183	365
New York								36	14	33	49	81
Oregon	14	114	1	10	2	3	10	192	12	12	7	19
Pennsylvania	1	2	2	2	2	2	5	14	11	11	11	11
South Dakota	406	587	41	572	527	569	105	171	41	143	153	139
Tennessee	1	(1)	(1)	(1)	(1)	(1)	86	39	35	26	61	67
Texas	(1)	(1)		(1)			469	1,295	21	4	(1)	(1)
Utah	209	352	271	392	442	441	14,451	11,686	6,244	6,799	6,270	6,300
Vermont			(1)	(1)	(1)	(1)	5		20	28	50	45
Virginia		(1)	(1)					(1)	9	(1)	2	(1)
Washington	4	84	53	89	74	80	30	389	288	358	420	486
Wyoming	(1)	1	(1)	(1)	(1)	1	(1)	(1)	(1)	3	(1)	(1)
Philippine Islands	185	1,140	13	(2)	(2)	(2)	121	1,299	17	(2)	(2)	(2)
Other	1	16			(1)	(1)	33	15			(1)	(1)

[1] Less than 500 ounces.
[2] Excluded after 1945.

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

No. 971.—Copper—Mine Production, by States and for Alaska: 1930 to 1956

[In short tons of recoverable copper]

State	1930	1940	1945	1950	1954	1955	1956
Total	**705,074**	**878,086**	**772,894**	**909,343**	**835,472**	**998,570**	**1,106,215**
Alaska	16,326	55	5	6	4	1	(1)
Arizona	288,095	281,169	287,203	403,301	377,927	454,105	505,908
California	13,643	6,438	6,473	646	362	613	859
Colorado	5,257	12,152	1,485	3,141	4,523	4,323	4,228
Idaho	1,556	3,349	1,548	2,107	4,828	5,618	6,656
Michigan	84,691	45,198	30,401	25,608	23,593	50,066	61,526
Missouri	88	685	3,399	2,982	1,925	1,722	1,890
Montana	98,094	126,391	88,506	54,478	59,349	81,542	96,426
Nevada	54,602	78,454	52,595	52,569	70,217	78,925	82,883
New Mexico	32,575	69,848	56,571	66,300	60,558	66,417	74,345
Pennsylvania			3,565	4,142	3,270	4,110	[2] 4,102
Tennessee	(3)	[4] 12,732	6,959	6,851	9,087	9,911	10,449
Utah	90,263	231,864	226,376	278,630	211,835	232,949	250,604
Vermont			1,861	3,504	4,352	4,305	3,403
Washington	603	9,612	5,821	5,057	3,636	3,958	2,926
Other States	19,282	139	126	21	6	5	10

[1] Less than 0.5 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. 972.—Copper—Summary: 1910 to 1956

[**In thousands of short tons.** Production figures cover continental United States and Alaska. See also *Historical Statistics, 1789–1945*, series G 112–113]

ITEM	1910	1920	1930	1940	1945	1950	1954	1955	1956
Primary production:									
Mine production	544	612	705	878	773	909	835	999	1,106
Smelter production from domestic ores	540	605	697	909	783	911	834	1,007	1,118
Value, mil. dol.	137	222	181	205	[1] 185	379	492	751	950
Refinery production, total	711	763	1,079	1,314	1,109	1,240	1,212	1,342	1,443
From domestic ores	536	591	696	927	776	921	842	997	1,080
From foreign ores, matte, and blister	175	172	383	386	333	319	370	345	362
Secondary production, total	95	312	467	532	1,007	977	840	989	931
From new (purchased) scrap	30	144	125	198	509	492	433	474	462
From old scrap	65	169	342	334	497	485	407	515	468
Imports (unmanufactured) [2]	172	243	409	491	853	690	595	594	596
Refined	([3])	54	43	68	531	317	215	202	192
Exports of metallic copper [4]	----	311	377	428	133	192	312	260	281
Refined (ingots, bars, etc.)	[5] 354	[6] 276	297	356	49	145	216	200	223
Withdrawals (apparent) on domestic account:									
New refined copper	366	527	633	1,009	1,415	1,447	1,235	1,336	1,367
New and old copper [7]	461	840	1,100	1,541	1,912	1,932	1,642	1,851	1,835
Stocks, producers, refined copper, Dec. 31	61	330	308	92	130	26	25	34	78
World smelter production, new copper (estimate)	946	1,057	1,760	2,734	2,436	2,915	3,275	3,640	3,955

[1] Excludes bonus payments of Office of Metal Reserve.
[2] 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. [3] Not separately recorded.
[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 1954, data not strictly comparable with earlier years, due to changes in classification.
[5] Includes rods, plates, and old.
[6] Includes rods.
[7] Beginning 1945, new copper and old scrap only.

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

No. 973.—Copper—Exports and Imports: 1921 to 1957

[**Quantities in short tons; values in thousands of dollars.** 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]		YEARLY AVERAGE OR YEAR	EXPORTS [1]		IMPORTS [2]	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1921–1925	438,337	129,761	208,975	77,811	1948	209,494	113,563	489,567	203,042
1926–1930	491,290	149,999	407,630	108,244	1949	171,303	75,769	568,835	224,232
1931–1935	246,658	39,920	211,116	29,662	1950	174,274	73,262	605,831	242,810
1936–1940	378,054	87,680	242,530	47,608	1951	152,476	86,077	539,303	279,498
1941–1945	208,423	79,333	780,000	164,752	1952	195,968	134,035	637,140	411,188
1946–1950	169,940	80,734	494,413	186,459	1953	156,152	95,510	670,484	433,017
1951–1955	211,681	136,460	607,547	388,283	1954	300,709	176,044	603,271	362,670

No. 974.—Lead—Summary: 1910 to 1956

[In short tons. See also *Historical Statistics, 1789–1945*, series G 114–115]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
Smelter production of refined primary lead	470,272	529,657	643,033	533,179	443,585	508,314	479,157	542,308
From domestic ores and base bullion [1]	375,402	476,849	573,740	433,065	356,535	418,809	321,132	349,188
From foreign ores and base bullion	94,870	52,808	69,293	100,114	87,050	89,505	158,025	193,120
Recovery of secondary lead	55,422	124,650	255,800	260,346	363,039	482,275	502,051	506,775
Imports: [2]								
Lead in pigs, bars, and old	3,485	30,719	209	151,568	230,313	461,827	284,729	283,392
Lead in base bullion	57,742	48,052	38,630	19,624	8	3,488		31
Lead in ores and matte	47,376	14,744	39,377	111,300	70,005	76,520	177,479	196,452
Exports of refined pig lead [3]	(4)	[5] 20,093	[5] 48,307	23,755	1,408	2,735	403	4,628
Estimated consumption of primary and secondary lead	(4)	(4)	[6] 768,600	[6] 782,000	1,051,602	1,237,981	1,212,644	1,209,717
Prices (cents per pound):								
New York average	4.4	8.2	5.52	5.18	6.50	13.30	15.14	16.01
London average	2.8	6.15	3.92	[7]	4.99	13.29	13.19	14.52
Mine production of recoverable lead [8]	382,692	496,814	558,313	457,392	390,831	430,827	338,025	352,826
World smelter production (estmate)	1,210,000	1,022,000	1,869,000	1,936,000	1,233,000	1,850,000	2,220,000	2,370,000

[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] Not available.
[5] Represents pigs, bars, and old.
[6] Source: American Bureau of Metal Statistics.
[7] Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war.
[8] Includes Alaska.

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

No. 975.—Lead, Recoverable—Mine Production, by States and for Alaska: 1930 to 1956

[In short tons]

STATE	1930	1940	1945	1950	1955	1956
Total	558,313	457,392	390,831	430,827	338,025	352,826
Western States and Alaska	312,413	244,974	184,152	257,803	182,461	197,758
Alaska	1,365	779	11	149	1	1
Arizona	4,246	13,266	22,867	26,383	9,817	11,999
California	1,780	1,772	7,224	15,831	8,265	9,296
Colorado	22,130	11,476	17,044	27,007	15,805	19,856
Idaho	134,058	104,834	68,447	100,025	64,163	64,321
Montana	10,653	23,036	9,999	19,617	17,028	18,642
Nevada	11,529	7,499	6,275	9,408	3,291	6,384
New Mexico	10,378	3,822	7,662	4,150	3,296	6,042
Utah	115,495	75,688	40,817	44,753	50,452	49,555
Washington	576	2,555	3,802	10,334	10,340	11,057
Other	203	247	4	146	3	5
Central States	237,533	207,587	201,520	168,173	151,528	150,410
Kansas	12,910	11,927	7,370	9,487	5,498	7,635
Missouri	199,632	172,052	176,575	134,626	125,412	123,783
Oklahoma	23,052	21,240	12,664	20,724	14,126	12,350
Other	1,939	2,368	4,911	3,336	6,492	6,642
Eastern States	8,367	4,831	5,159	4,851	4,036	4,658
New York	8,367	1,973	862	1,484	1,037	1,608
Tennessee		573	54	113		5
Virginia		2,285	4,243	3,254	2,999	3,045

[1] Includes 2 tons produced in North Carolina in 1955 and 10 tons in 1956.

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

No. 976.—Zinc—Production and Prices: 1910 to 1956

[See also *Historical Statistics, 1789–1945*, series G 116–117]

ITEM	1910	1920	1930	1940	1945	1950	1955	1956
Smelter production of primary slab zinc, total—short tons	269,184	463,377	498,045	675,275	764,561	843,467	963,504	983,610
Value—$1,000	29,072	75,067	47,812	85,085	[1]131,504	240,051	236,829	270,099
Source:								
From domestic ores—short tons	252,479	450,045	489,361	589,988	467,084	588,291	582,913	470,093
From foreign ores—do	16,705	13,332	8,684	85,287	297,477	255,176	380,591	513,517
Method:								
Electrolytic—percent of total		11	26	28	35	41	40	42
Distilled—do	100	89	74	72	65	59	60	58
Production of redistilled secondary slab zinc—short tons	12,784	21,371	[2]34,849	48,917	49,242	66,970	66,042	72,127
Average price of common zinc at—								
East St. Louis—cents per pound	5.42	7.77	4.56	6.34	8.25	13.88	12.30	13.49
London [3]—do	5.00	7.40	3.60	(4)	5.18	14.89	11.30	12.19
Mine production of recoverable zinc—short tons	327,712	587,524	595,425	665,068	614,358	623,375	514,671	542,340
Arizona	2,742	729	815	15,456	40,226	60,480	22,684	25,580
California		583		79	9,923	7,551	6,836	8,049
Colorado	38,545	24,395	36,259	5,060	35,773	45,776	35,350	40,246
Idaho	2,802	13,966	37,649	70,601	83,463	87,890	53,314	49,561
Illinois	3,549	4,720	9	4,818	8,310	26,982	21,700	24,039
Kansas	13,229	61,073	74,304	57,032	48,394	27,176	27,611	28,665
Missouri	128,589	24,509	10,811	12,703	22,175	8,189	4,476	4,380
Montana	15,819	92,169	26,421	52,587	17,403	67,678	68,588	70,520
Nevada	1,354	5,349	14,584	11,833	21,457	21,606	2,670	7,488
New Jersey	68,678	78,511	97,626	91,406	81,392	55,029	11,643	4,667
New Mexico	9,044	5,007	32,765	30,313	40,295	29,263	15,277	35,010
New York		5,654	22,471	35,686	24,978	38,321	53,016	59,111
Oklahoma	6,394	219,727	136,153	162,935	69,300	46,739	41,543	27,515
Tennessee	966	19,217	[5]48,147	34,796	33,824	35,326	40,216	46,023
Utah	8,184	4,079	44,495	43,788	33,630	31,678	43,556	42,374
Virginia	794		(5)	16,927	16,075	12,396	18,329	19,196
Washington		213	352	11,560	11,693	14,807	29,536	25,609
Wisconsin	25,927	27,285	12,558	5,770	15,561	5,722	18,326	23,890
Other States [6]	1,096	338	6	1,718	486	766		417
World smelter production (estimate) 1,000 short tons	893	796	1,536	1,786	1,404	2,170	2,970	3,110

[1] Excludes bonus payments of Office of Metals Reserve.
[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] Not available. [5] Virginia included with Tennessee. [6] Includes Alaska.

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

No. 977.—Tin—Summary: 1930 to 1956

[In long tons]

ITEM	1930	1940	1945	1950	1954	1955	1956
Production:							
Domestic mines [1]	15	49		94.1	204.7	99.2	
Domestic smelters [2]		1,391	40,475	33,118	27,407	22,329	17,631
Secondary sources	23,393	29,700	31,400	31,680	26,190	28,340	[3] 27,500
Imports for consumption:							
Metal	80,734	124,810	8,493	82,838	65,599	64,815	62,590
Ore (tin content)	289	3,000	33,479	25,960	22,140	20,112	16,688
Exports (domestic and foreign)	2,233	[4] 2,664	882	799	822	1,107	1,118
Monthly price of Straits tin at New York [5] average, cents per pound	31.70	49.82	[6] 52.00	95.56	91.81	94.73	101.26
Consumption	[7] 78,501	97,154	83,583	104,464	[8] 82,891	[8] 90,483	[8] 90,324
World mine production (estimate) [9]	176,000	238,300	87,000	169,300	179,300	179,900	179,600

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

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

No. 978.—Bauxite—Summary: 1920 to 1956

[**Quantities in thousands of long tons; values in thousands of dollars.** See also *Historical Statistics, 1789–1945*, series G 127–128 for figures on shipments]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Production:								
Crude ore	-------	-------	510	1,145	1,585	2,353	2,139	2,061
Dried-bauxite equivalent	-------	-------	439	981	1,335	1,995	1,788	1,743
Value	-------	-------	1,754	5,591	7,693	16,403	14,543	13,973
Shipments: [1]								
Gross weight [2]	-------	-------	-------	1,066	1,452	2,037	2,012	1,901
Dried-bauxite equivalent	-------	-------	-------	1,072	1,337	1,766	1,727	1,644
Value	-------	-------	-------	7,386	9,549	15,945	15,559	14,453
Imports (crude and dried), quantity [2]	43	410	630	740	2,516	5,259	5,225	6,075
Value	251	1,996	4,299	5,273	15,730	36,289	36,656	44,414
Exports, quantity [2]	22	105	82	126	45	16	14	15
Value	1,844	3,777	1,543	2,425	1,156	666	528	834
World production (estimate)	887	1,603	4,321	3,376	8,050	15,600	16,400	17,400

[1] Shipments from mines and processing plants to consumers. [2] As shipped.

No. 979.—Aluminum—Summary: 1920 to 1956

[**Quantities in short tons; values in thousands of dollars.** See also *Historical Statistics, 1789–1945*, series G 125–126 for earlier data on primary aluminum]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Total production	84,521	153,119	286,642	793,447	962,288	1,752,606	1,901,715	2,018,722
Value	50,864	68,138	104,624	226,161	316,046	711,406	830,800	968,871
Primary aluminum:								
Production	69,021	114,519	206,280	495,060	718,622	1,460,565	1,565,721	1,678,954
Value	41,375	50,961	75,292	140,864	235,977	592,837	684,038	805,782
Price per pound (cents) [1]	30.61	23.8	18.7	15.0	17.7	21.8	23.7	26.0
Secondary aluminum:								
Production (recovered) [2]	15,500	38,600	80,362	298,387	243,666	292,041	335,994	339,768
From old scrap	} 15,500	38,600	{ 45,806	27,311	76,358	59,989	76,372	71,673
From new scrap	}		{ 34,556	271,076	167,308	232,052	259,622	268,095
Value [3]	9,489	17,177	29,332	85,297	80,069	118,569	146,762	163,089
Imports, quantity [4]	19,650	12,731	18,084	339,285	255,692	243,750	239,475	264,975
Value	12,184	4,690	4,737	98,285	67,533	[5] 96,290	[5] 105,061	[5] 127,386
Exports, quantity [4]	4,704	8,665	27,841	6,703	[5] 23,236	[5] 50,096	[5] 33,834	[5] 67,977
Value	3,068	3,916	17,919	3,116	[5] 13,345	[5] 21,362	[5] 19,692	[5] 43,769
Apparent consumption, primary aluminum [6]	83,967	70,933	227,017	696,750	896,384	1,696,887	1,754,925	1,781,813
World production (estimate)	141,000	297,000	868,000	959,000	1,640,000	3,090,000	3,470,000	3,710,000

[1] As quoted. N. Y., No. 1 virgin 98–99 percent, 1920; 99-percent-plus virgin, 1930–56. Source: *American Metal Market*.
[2] Beginning 1954, not strictly comparable with previous years; 1954–56 data are recoverable aluminum content; previous years are recoverable aluminum-alloy 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] Not comparable with previous years.
[6] Data not available on fluctuations in consumers' stocks 1920–40, and in producers' stocks, 1920.

No. 980.—Magnesium—Summary: 1930 to 1956

[**In short tons**]

ITEM	1930	1940	1945	1950	1954	1955	1956
Production:							
Primary magnesium, ingot equivalent	587	6,261	32,792	15,726	69,729	61,135	68,346
Secondary magnesium, ingot equivalent	----------	(1)	9,247	9,476	8,250	10,246	10,500
Average price per pound, primary (quoted)—cents	48.0	27.0	20.5	22.0	27.0	29.5	33.9

Section 29

Construction and Housing

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

The principal sources of these data are the monthly *Construction Review*, a joint publication of the Business and Defense Services Administration and the Bureau of Labor Statistics, which assembles data on the value of contract awards, construction activity cost and seasonal indexes, housing starts and vacancy rates, building permits, construction materials production, shipments and inventories, materials prices, wage rates and employment; and the *U. S. Census of Housing: 1950*, the reports of the decennial Census of Housing conducted by the Bureau of the Census. Other sources which specialize in particular types of construction or housing statistics are: The monthly *Dodge Statistical Research Service* of F. W. Dodge Corporation, which presents 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 the *Annual Report* of the Federal Home Loan Bank Board which presents home mortgage data. Monthly data on the characteristics of vacant dwelling units are also collected by the Bureau of the Census and are presented quarterly in its *Housing and Construction Reports*.

Construction.—Monthly estimates of the value of construction put in place are prepared jointly by the Business and Defense Services Administration and the Bureau of Labor Statistics and appear in the *Construction Review*. Estimates of privately financed nonresidential construction are primarily the responsibility of the Business and Defense Services Administration. 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 and information from secondary sources for States which the Dodge Corporation does not cover. Public utility construction estimates are the responsibility of the Business and Defense Services Administration and are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

Statistics for State and local governmental construction of all types are also prepared jointly by the Business and Defense Services Administration and the Bureau of Labor Statistics. These data are derived from 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 housing construction activity are primarily the responsibility of the Bureau of Labor Statistics. Certain of the Federal agencies administer Federally aided construction programs; other agencies administer the construction of Federally owned facilities. Construction activity data of this type are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies. Estimates of residential construction activity, including number of housing units started, by type of structure and source of funds, and average construction costs are based primarily upon reports of building permits granted which are received from about 7,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data of housing activity in nonpermit areas.

[redacted]

FIG. XXXVIII.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION IN CURRENT DOLLARS: 1940 to 1957

[Represents value of construction put in place. See table 981]

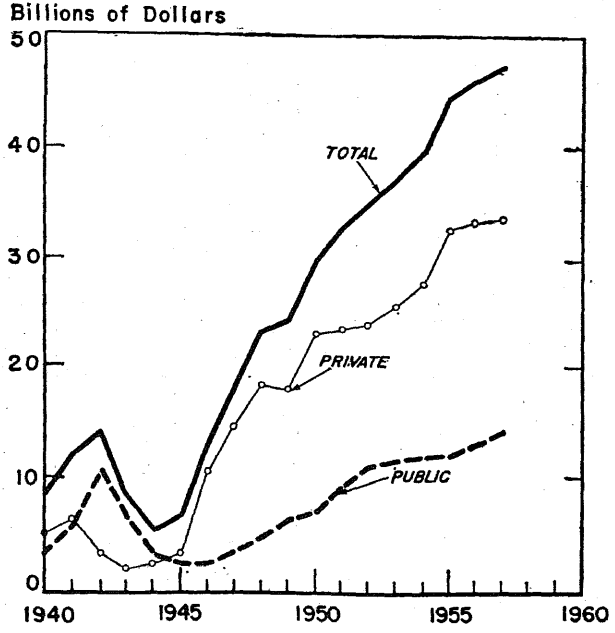
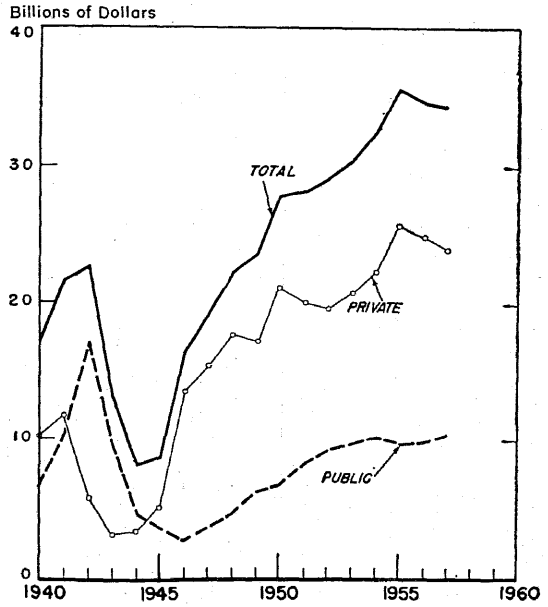


FIG. XXXIX.—VALUE OF PRIVATE AND PUBLIC CONSTRUCTION IN 1947–49 PRICES: 1940 to 1957

[Represents value of construction put in place. See table 982]



Source of figs. XXXVIII and XXXIX: Department of Commerce, Business and Defense Services Administration.

9 TO 1957

d construction contract data which measure value of tion of equipment which is integral part of structure,

	1952	1953	1954	1955	1956	1957
	48,903	51,497	54,267	60,424	63,012	(1)
	34,750	37,118	39,601	44,581	46,060	47,255
	23,849	25,724	27,679	32,620	33,242	33,313
	12,842	13,777	15,379	18,705	17,632	16,571
	5,014	5,680	6,250	7,611	8,817	9,138
	2,320	2,229	2,030	2,399	3,084	3,162
	515	739	958	1,311	1,684	1,864
	622	1,052	1,254	1,907	1,947	1,706
	1,557	1,660	2,008	1,994	2,102	2,406
	1,905	1,731	1,645	1,600	1,560	1,590
	890	809	769	750	730	744
	1,015	922	876	850	830	846
	4,003	4,416	4,284	4,543	5,113	5,830
	438	442	353	374	427	450
	1,650	1,829	1,843	1,767	1,845	2,100
	1,080	1,229	1,108	1,247	1,400	1,800
	570	615	655	805	1,066	1,080
	265	301	325	350	375	400
	85	120	121	161	120	184
	10,901	11,394	11,922	11,961	12,818	13,942
	654	556	336	266	292	510
	4,136	4,346	4,636	4,218	4,072	4,481
	1,684	1,771	1,506	721	453	458
	1,619	1,714	2,134	2,442	2,549	2,832
	473	365	360	322	298	333
	360	496	636	733	772	858
	1,388	1,307	1,030	1,313	1,395	1,275
	2,820	3,160	3,870	4,050	4,470	4,840
	790	883	982	1,085	1,275	1,347
	900	892	773	701	826	975
	213	250	295	328	488	514
	14,153	14,379	14,666	15,843	16,952	(1)

n.

Bureau of Labor Statistics and Department of Commerce Administration; *Construction Volume and Costs*, to *Construction Review* (a joint publication), and

No. 982.—Value of Private and Public Construction Adjusted in 1947–49 Prices, and Index of Physical Volume: 1929 to 1957

[In millions of dollars. For description and computation of the various indexes used in the derivation of constant values, see source. See also table 981]

TYPE OF CONSTRUCTION	1929	1930	1933	1935	1940	1945	1950	1951	1952	1953	1954	1955	1956	1957
New construction, total	20,853	17,440	6,631	9,081	16,767	8,681	27,990	28,327	29,123	30,459	32,612	35,702	34,898	34,491
Index of physical volume (1947–49=100)	*96*	*81*	*31*	*42*	*78*	*40*	*129*	*131*	*135*	*141*	*151*	*165*	*161*	*160*
Private	16,413	12,047	3,223	4,841	10,124	5,034	21,270	20,015	19,889	20,958	22,526	25,810	24,928	24,071
Residential (nonfarm)	7,250	4,261	1,237	2,506	5,913	1,813	13,019	10,795	10,772	11,365	12,777	15,078	13,613	12,563
Nonresidential buildings [1]	[2] 5,664	[2] 4,475	1,199	1,255	2,221	1,639	3,566	4,494	4,211	4,655	5,073	6,012	6,587	6,512
Industrial	2,081	1,307	510	395	918	999	1,004	1,790	1,909	1,807	1,690	1,946	2,304	2,228
Office buildings and warehouses	1,146	1,114	106	167	171	86	396	500	461	640	789	1,054	1,289	1,370
Stores, restaurants, and garages	1,117	697	270	394	593	252	828	733	525	857	998	1,472	1,441	1,209
Other nonresidential buildings	1,320	1,357	313	299	539	302	1,338	1,471	1,316	1,351	1,596	1,540	1,553	1,705
Farm construction	622	409	139	314	574	378	1,583	1,616	1,643	1,484	1,420	1,350	1,266	1,263
Operators' dwellings	306	232	85	158	355	144	741	764	781	704	675	643	605	613
Service buildings	316	177	54	156	219	234	842	852	862	780	745	707	661	650
Public utilities	2,687	2,742	546	709	1,353	1,177	3,001	3,056	3,194	3,362	3,166	3,257	3,381	3,614
Railroad	835	898	194	232	313	352	299	352	373	363	289	301	317	321
Telephone and telegraph	529	548	93	100	225	167	402	413	470	481	509	615	758	726
Other public utilities	1,323	1,296	259	377	815	658	2,300	2,291	2,351	2,518	2,368	2,341	2,306	2,567
All other private	190	160	102	57	63	27	101	54	69	92	90	113	81	119
Public	4,440	5,393	3,408	4,240	6,643	3,647	6,720	8,312	9,234	9,501	10,086	9,892	9,970	10,420
Residential				22	395	115	321	512	550	459	281	213	225	386
Nonresidential buildings	1,427	1,549	708	924	1,322	1,528	2,237	3,050	3,465	3,531	3,738	3,291	3,016	3,175
Industrial	[3]	[3]	6	5	337	1,212	212	821	1,384	1,434	1,253	588	338	323
Educational	842	854	157	432	333	101	1,061	1,337	1,375	1,397	1,694	1,888	1,887	2,006
Hospital and institutional	219	277	150	107	125	148	467	466	401	297	286	249	220	236
Other nonresidential	366	418	395	380	527	67	497	426	305	403	505	566	571	610
Military facilities	37	60	90	85	780	1,060	171	788	1,195	1,105	872	1,086	1,085	950
Highways	1,978	2,548	1,567	1,448	2,409	526	2,367	2,349	2,489	2,851	3,689	3,812	3,920	4,102
Sewer and water systems	466	645	205	335	531	140	590	655	639	681	724	769	859	870
Public service enterprises	278	303	131	124	196	80	141	144	129	122	133	157	240	231
Conservation and development	212	258	684	1,200	830	186	839	772	731	688	571	497	556	628
All other public	42	30	23	102	180	12	54	42	36	64	78	67	69	78

[1] Excludes building by privately owned public utilities.
[2] Public industrial and commercial building not segregable from private construction; amount believed negligible.

Source: Department of Labor, Bureau of Labor Statistics and Department of Commerce, Business and Defense Service Administration; *Construction Volume and Costs, 1915–1956*, a statistical supplement to *Construction Review* (a joint publication), and records.

No. 983.—Value of New Construction, by Type, for Selected Months: 1956 to 1958

[In millions of dollars]

TYPE OF CONSTRUCTION	1956					1957					1958, Mar.
	Mar.	June	Aug.	Oct.	Dec.	Mar.	June	Aug.	Oct.	Dec.	
New construction, total	3,179	4,288	4,474	4,302	3,544	3,295	4,308	4,561	4,495	3,667	3,355
Private	2,400	3,030	3,122	3,003	2,654	2,405	2,971	3,124	3,059	2,705	2,400
Residential (nonfarm)	1,259	1,654	1,672	1,580	1,362	1,162	1,489	1,571	1,535	1,345	1,168
New dwelling units	1,000	1,235	1,260	1,195	1,045	870	1,070	1,140	1,130	1,005	870
Additions and alterations	229	379	371	344	277	258	379	387	357	290	250
Nonhousekeeping	30	40	41	41	40	34	40	44	48	50	48
Nonresidential buildings	655	761	786	797	772	709	786	805	806	764	664
Industrial	226	264	277	278	274	269	270	266	256	248	218
Commercial	279	324	316	320	305	264	309	319	332	305	258
Office buildings and warehouses	119	140	147	160	157	133	153	167	177	172	156
Stores, restaurants, and garages	160	184	169	160	148	131	156	152	155	133	102
Other nonresidential buildings	150	173	193	199	193	176	207	220	218	211	188
Religious	53	62	71	75	71	63	73	80	80	74	61
Educational	39	46	49	49	46	40	43	47	47	44	40
Hospital and institutional	25	25	28	31	32	36	43	47	48	48	47
Social and recreational	18	23	27	27	26	23	26	29	27	27	26
Miscellaneous	15	17	18	17	18	14	22	17	16	18	14
Farm construction	111	156	169	130	97	112	159	173	133	100	114
Public utilities	368	448	483	484	413	409	518	556	570	483	443
Railroad	28	35	41	41	36	35	40	41	42	35	29
Telephone and telegraph	80	93	94	100	88	94	90	89	97	86	71
Other public utilities	260	320	348	343	289	280	388	426	431	362	343
All other private	7	11	12	12	10	13	19	19	15	13	11
Public	779	1,258	1,352	1,299	890	890	1,337	1,437	1,436	962	955
Residential	18	24	25	30	30	30	40	48	54	57	63
Nonresidential buildings	301	358	390	371	324	345	406	414	406	342	343
Industrial	31	38	43	42	45	41	43	38	35	32	29
Educational	195	221	236	226	201	215	254	259	262	226	221
Hospital and institutional	23	25	29	30	23	27	32	29	27	24	28
Other nonresidential buildings	52	74	82	73	55	62	77	88	82	60	65
Military facilities	90	135	143	141	98	84	110	138	132	88	70
Highways	193	501	530	512	239	280	520	550	575	275	270
Sewer and water systems	92	115	125	120	100	105	121	129	118	97	105
Public service enterprises	27	37	40	35	27	26	38	43	38	25	28
Conservation and development	52	79	87	79	65	61	89	103	102	71	68
All other public	6	9	12	11	7	9	13	12	11	7	8

No. 984.—Value of New Public Construction, by Source of Funds, Ownership, and Type: 1950 to 1957

[In millions of dollars]

[redacted]

No. 985.—Building Permit Activity—Value by Class of Construction and Ownership: 1954 to 1957

[**In thousands of dollars.** Covers building activity in all urban and rural-nonfarm localities having building-permit systems. Such localities (approximately 7,000) 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
All building construction	16,485,791	18,938,953	18,787,775	18,142,263
New dwelling units	9,855,625	11,535,064	10,149,563	9,220,004
Privately owned	9,696,302	11,386,379	9,971,880	8,937,561
1-family	8,916,989	10,643,085	9,221,800	7,921,990
2- to 4-family	298,605	292,331	302,838	340,255
5-or-more-family	480,708	450,964	447,243	675,315
Publicly owned	159,323	148,685	177,683	282,443
Nonhousekeeping buildings	136,197	161,080	142,287	184,176
New nonresidential buildings	5,024,057	5,593,694	6,664,478	6,834,088
Commercial buildings	1,591,388	1,858,686	2,184,735	2,223,966
Amusement buildings	97,629	99,397	116,063	139,331
Commercial garages	60,115	66,696	60,625	57,518
Gasoline and service stations	119,925	140,041	165,501	159,117
Office buildings	454,144	553,420	828,290	975,683
Stores and other mercantile buildings	859,575	999,132	1,014,257	891,817
Community buildings	1,875,333	1,946,241	2,263,138	2,478,588
Educational buildings	1,177,667	1,242,328	1,431,370	1,491,784
Institutional buildings	336,196	307,742	380,336	522,634
Religious buildings	361,469	396,171	451,432	464,170
Garages, private residential	166,369	187,635	201,921	200,416
Industrial buildings	662,275	830,438	1,273,313	1,085,921
Public buildings	318,148	306,637	(1)	(1)
Public utilities buildings	209,427	273,098	328,379	423,544
All other nonresidential buildings	201,118	190,959	412,992	421,652
Additions, alterations, and repairs	1,469,912	1,649,115	1,831,447	1,903,997

[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 Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

No. 986.—Indexes of Wholesale Prices of Building Materials: 1950 to 1957

[1947-49=100]

COMMODITY	1950	1955	1956	1957
All building materials	109.5	125.5	130.6	130.6
Lumber and wood products:				
Lumber	114.5	124.4	127.2	119.0
Douglas fir	117.6	130.5	129.9	119.7
Southern pine	108.0	115.2	119.2	116.8
Other softwoods	118.9	136.8	137.4	114.6
Hardwood	114.8	118.4	125.9	132.8
Millwork	114.6	128.7	129.1	119.3
Plywood	106.5	105.4	101.7	128.3
Softwood plywood	113.8	110.3	100.8	96.4
Hardwood plywood	101.4	102.6	104.7	91.3
Paint and paint materials:				
Prepared paint	99.3	114.5	120.0	126.3
Paint materials	90.9	96.8	99.6	100.5
Metal products:				
Structural steel shapes	121.1	151.9	162.9	187.5
Hardware (finish)	114.2	140.7	147.7	154.1
Plumbing equipment	108.2	125.4	133.9	130.2
Enameled iron fixtures	115.5	130.3	126.9	126.1
Vitreous china fixtures	114.1	118.9	124.2	124.2
Brass fittings	100.5	126.5	141.6	137.4
Heating equipment	105.1	115.0	119.0	122.1
Metal doors, sash, trim	110.0	139.4	145.6	140.6
Nonmetallic mineral items:				
Concrete ingredients	106.8	124.8	130.6	136.0
Portland cement	108.0	131.4	139.7	146.9
Concrete products	105.5	118.6	123.0	126.4
Structural clay products	112.6	140.1	148.0	154.0
Gypsum products	104.6	122.1	127.1	127.1
Insulation materials	101.1	106.6	101.5	102.8
Building board[1]	107.6	130.9	136.9	141.5

[1] Includes paperboard for 1950.

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

No. 987.—Construction and Building Cost Indexes: 1940 to 1957

[1947–1949=100. Indexes of certain of these firms are published on bases different from those shown here; for factors used in converting to 1947–49 base and for detail discussion, see source publication. For AAC, ENR, and Turner indexes on 1913=100 base, see *Historical Statistics, 1789–1945*, series H 64, 65, and 73]

ITEM	1940	1945	1950	1955	1956	1957
Bureau of Labor Statistics:						
Composite of materials prices and hourly earnings in building construction [1]	50.6	66.9	110.3	133.5	139.6	**143.1**
Wholesale prices of building materials [2]	49.4	61.3	109.5	125.5	130.6	**130.6**
Average hourly earnings in building construction [3]	52.6	75.7	111.5	146.1	153.8	**163.1**
Union hourly wage scales in the building trades [4]	63.3	72.2	110.7	141.2	147.7	**155.3**
Bureau of Public Roads: Highways [5]	49.7	75.7	95.6	106.1	113.4	**118.1**
Department of Commerce: Composite [6]	50.1	66.7	106.5	124.6	132.0	**137.0**
Aberthaw Company: Industrial buildings [7]	61.8	75.6	102.8	127.4	(8)	**145.2**
American Appraisal Company: Building construction [9]	43.4	57.7	106.4	129.3	135.1	**141.0**
Associated General Contractors of America: General construction [10]	58.4	71.4	110.4	135.7	142.8	**149.0**
E. H. Boeckh and Associates: [11]						
Small residential structures: Composite	50.5	70.1	107.7	123.9	129.4	**131.8**
Apartments, hotels, and office buildings: Composite	54.8	71.3	109.6	130.6	137.0	**141.2**
Commercial and factory buildings: Composite	55.2	71.6	109.5	131.9	138.7	**143.7**
Engineering News-Record: [12]						
Building construction	60.3	71.1	111.6	139.3	145.9	**151.2**
General construction	53.7	68.3	113.2	146.5	153.8	**160.7**

No. 988.—Value of Contract Awards for New Public Construction, by Ownership and Type of Construction: 1955 to 1957

[**In millions of dollars.** 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	1956	1957	OWNERSHIP AND TYPE OF CONSTRUCTION	1955	1956	1957
All public construction	9,001	10,372	11,413	**State and locally owned**	7,445	8,335	9,157
Federally owned	1,556	2,037	2,256	Residential building	210	253	327
Residential building	61	128	407	Nonresidential building	2,842	3,203	3,410
Nonresidential building	886	909	729	Highway	2,934	3,212	3,825
Airfields	157	156	181	Sewerage systems	502	659	619
Conservation and development	272	511	560	Water supply facilities	394	441	415
Highway	59	92	91	Utilities	378	336	364
Electric power utilities	44	177	140	All other State and locally owned	185	231	197
All other federally owned	78	64	148				

Source: Department of Labor, Bureau of Labor Statistics, and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication).

No. 989.—Federal Expenditures for Public Works: 1957 and 1958

[**In millions of dollars.** From budget accounts and trust funds. For years ending June 30. Comprises direct Federal works and grants and loans to State and local governments for public works]

FUNCTION AND TYPE OF FACILITY	1957	1958 estimate	FUNCTION AND TYPE OF FACILITY	1957	1958 estimate
Civil public works, total [1]	2,243	3,482	Natural resources—Continued		
			Roads, buildings, and utilities on		

No. 990.—Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1929 to 1957

[**Value in millions of dollars; floor space in millions of square feet.** Covers 37 States through 1956, and 48 States beginning 1956, i. e., for purposes of comparison, data for 1956 are shown for both coverages. (See table 991 for States covered.) See also *Historical Statistics, 1789–1945*, series H 51–57]

NONRESIDENTIAL BUILDINGS

No. 991.—Construction Contracts—Value, by States: 1940 to 1957

[**In thousands of dollars.** See headnote, table 990. 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

STATE	1940	1950	1953	1954	1955	1956	1957
Total [1]	4,003,957	14,501,055	17,443,463	19,770,207	23,745,277	31,612,196	32,173,412
Alabama	56,630	226,588	198,765	239,611	319,897	424,960	377,158
Arizona						311,262	484,717
Arkansas	29,103	126,076	89,260	147,006	138,566	173,887	216,502
California						4,058,692	4,023,750
Colorado						594,451	465,829
Connecticut	84,789	289,850	358,585	473,221	565,353	664,979	603,048
Delaware	16,612	62,418	77,364	85,418	113,609	135,786	112,066

No. 992.—Construction Contracts Awarded—Indexes of Value: 1929 to 1958

[1947–49=100, 1920–55; 1956–57=100, beginning 1956. Indexes are derived from monthly figures of construction contracts reported by F. W. Dodge Corporation. Reports covered 37 States through 1955, and 48 States 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	1957:			
1930	49	30	62	January	87	76	94
1933	14	7	18	February	81	81	81
1935	20	13	25	March	116	103	125
1940	44	43	44	April	105	114	98
1945	36	16	50	May	128	120	133
1946	82	87	79	June	121	105	132
1947	84	86	83	July	109	119	102
1948	102	98	105	August	106	119	97
1949	113	116	111	September	96	107	89
1950	159	185	142	October	98	108	92
1951	171	170	172	November	89	86	91
1952	183	183	183	December	75	70	78
1953	192	178	201	1958:			
1954	215	232	204	January	78	72	82
1955	261	280	248	February	74	67	78
1956	99	99	99	March	102	99	105
1957	101	101	101	April	108	115	104

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

No. 993.—Engineering Construction Contracts Awarded and Backlog of Proposed Construction—Volume, by Type: 1930 to 1957

[**In millions of dollars.** Covers continental 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 1951–54, minimums were: $34,000, $60,000, $82,000, and $300,000. For 1955–57, minimums used were: $44,000, $73,000, $93,000, and $344,000]

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
1951	13,605	209	335	316	505	1,167	[2] 2,701	4,124	2,632	1,617
1952	[3] 15,689	231	304	413	496	1,397	[2,3] 4,899	2,722	3,845	1,382
1953	15,171	247	431	752	374	1,793	[2] 2,112	3,178	4,621	1,663
1954	14,412	245	388	510	339	1,919	[2] 2,017	1,876	5,653	1,465
1955	18,722	314	402	546	546	2,137	[2] 1,987	2,951	7,794	2,046
1956	21,712	356	579	622	730	2,475	[2] 2,417	5,335	7,358	1,841
1957	17,986	309	556	781	969	2,965	[2] 2,995	3,081	4,795	1,475
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
1951	62,147	1,432	2,372	2,030	7,444	5,129	13,569	9,400	7,993	12,777
1952	68,728	1,533	2,762	2,266	7,983	5,614	14,737	10,593	9,439	13,801
1953	74,056	1,582	2,902	2,366	8,601	7,315	14,994	10,716	11,306	14,274
1954	79,702	1,647	2,916	2,342	9,334	8,599	15,111	11,740	12,947	15,066
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

[1] Includes private; amount of contracts awarded in 1957, $9,426,000.
[2] Includes contracts awarded for atomic energy plants as follows (in millions): 1950, $2,020; 1951, $123; 1952, $2,329; 1953, $72; 1954, $19; 1955, $131; 1956, $42; 1957, $64.
[3] Deduct $400 million for cost savings on Portsmouth, Ohio, atomic energy plant originally estimated to cost $1.2 billion.

Source: Engineering News-Record, New York, N. Y.

No. 994.—Engineering Construction Contracts Awarded—Volume, by Type, by States: 1957

[**In thousands of dollars.** Covers continental U. S. construction projects of following minimum costs: Waterworks excavation, and irrigation, $44,000; other public works, $73,000; industrial buildings, $93,000; other buildings $344,000]

State	Total	Public works contracts						Private building contracts		Unclassified
		Waterworks	Sewerage	Bridges[1]	Earthwork, irr., drain.	Streets, roads	Buildings[2]	Industrial	Commercial	
United States	**17,985,845**	**369,027**	**556,038**	**781,413**	**969,393**	**2,964,563**	**2,994,544**	**3,081,018**	**4,795,347**	**1,474,502**
Alabama	222,514	1,310	569	4,309	4,523	31,297	65,786	84,471	10,986	19,263
Arizona	195,536	-------	2,245	2,350	127,348	20,654	17,344	1,400	4,000	20,195
Arkansas	109,450	3,260	1,128	8,288	6,349	12,473	9,935	50,454	12,101	5,462
California	1,720,919	66,246	96,107	31,559	151,217	218,611	383,220	180,647	369,019	224,293
Colorado	195,461	3,694	3,113	9,061	3,121	48,699	42,608	11,335	21,363	52,467
Connecticut	499,467	2,773	11,237	30,997	4,822	59,595	86,144	91,948	200,258	11,693
Delaware	120,095	-------	1,166	1,131	2,206	14,289	31,691	7,388	59,892	2,332
Dist. of Columbia	125,130	1,693	4,875	6,400	444	7,140	53,308	1,578	47,881	1,811
Florida	529,158	6,789	11,232	26,743	10,281	67,006	96,114	106,726	166,166	38,101
Georgia	176,857	6,530	4,188	4,081	16,419	44,816	68,510	8,946	12,075	11,292
Idaho	50,416	194	82	4,131	4,783	14,290	23,152	7,751	422	4,611
Illinois	1,155,958	15,554	48,118	135,921	6,877	324,248	113,038	207,754	256,864	47,584
Indiana	398,111	3,786	19,668	9,201	1,001	28,801	34,247	245,773	45,335	10,299
Iowa	224,470	3,085	6,478	23,720	9,467	81,333	27,900	13,097	26,984	32,406
Kansas	197,646	6,546	6,724	13,732	7,473	41,621	62,451	28,249	22,039	8,811
Kentucky	200,770	1,000	6,247	599	8,352	44,790	67,626	46,627	19,098	6,431
Louisiana	353,946	7,951	8,744	9,538	26,652	48,019	76,647	77,659	49,669	49,067
Maine	49,663	423	702	3,211	1,065	13,085	5,825	1,850	9,736	13,766
Maryland	372,649	6,202	8,904	9,533	3,784	40,745	135,871	37,909	116,283	13,418
Massachusetts	479,874	4,299	8,842	3,577	19,785	58,237	78,445	117,519	155,366	33,804
Michigan	827,240	34,491	32,071	45,822	34,685	98,223	140,234	80,489	332,543	28,682
Minnesota	277,800	4,133	19,164	9,451	2,311	47,276	59,745	74,194	48,675	12,851
Mississippi	82,029	-------	-------	1,258	5,016	47,965	2,524	6,000	5,431	13,835

No. 995.—Building Construction in Cities of 100,000 Inhabitants or More—Value of All Construction and Number of New Dwelling Units: 1950 to 1957

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

City	Value of all construction ($1,000)					Number of new dwelling units				
	1950	1954	1955	1956	1957 (prel.)	1950	1954	1955	1956	1957 (prel.)
Akron, Ohio	33,343	30,900	33,453	42,182	37,521	2,041	1,249	1,421	1,637	1,280
Albany, N. Y.	11,063	6,248	13,529	9,540	8,940	949	199	228	250	237
Allentown, Pa.	11,267	9,176	12,734	13,601	8,274	486	524	528	437	367
Atlanta, Ga.	48,569	92,310	75,249	58,172	58,508	3,773	4,410	3,130	2,321	2,159
Austin, Tex.	39,622	45,146	40,934	45,484	42,339	2,837	1,839	1,927	1,549	1,205
Baltimore, Md.	91,430	75,022	87,551	64,750	86,480	7,918	3,709	3,642	1,915	3,038
Baton Rouge, La.	18,695	29,735	36,323	41,410	38,406	1,807	1,709	2,276	1,981	2,019
Berkeley, Calif.	14,888	8,067	10,314	12,415	11,657	433	426	565	488	583
Birmingham, Ala.	38,236	25,475	37,006	36,321	35,941	4,019	1,838	2,078	1,533	1,919
Boston, Mass.[1]	68,078	32,965	41,185	47,580	43,484	2,353	647	844	575	396
Bridgeport, Conn.	16,710	7,761	10,226	16,053	8,873	1,301	492	583	436	313
Buffalo, N. Y.	20,810	20,737	27,935	41,709	21,001	1,355	1,066	989	1,799	605
Cambridge, Mass.	6,424	3,960	11,093	7,500	10,328	55	19	10	14	10
Camden, N. J.	8,527	11,165	7,727	8,695	3,025	805	85	134	112	42
Canton, Ohio	7,886	5,809	7,478	8,080	6,604	517	263	482	200	162
Charlotte, N. C.	32,049	23,181	27,107	25,954	19,325	3,136	1,115	1,436	911	659
Chattanooga, Tenn.	12,336	11,489	9,565	12,008	11,750	982	636	401	430	422
Chicago, Ill.	270,079	235,980	286,280	296,576	322,847	16,196	12,281	17,575	12,455	10,647
Cincinnati, Ohio	61,471	41,318	47,904	52,207	63,303	2,349	1,540	1,120	1,111	1,342
Cleveland, Ohio	66,492	62,177	79,140	92,947	81,385	2,913	1,655	2,004	1,456	2,087
Columbus, Ohio	48,733	44,263	50,155	60,384	72,000	4,549	1,866	2,290	2,967	2,972
Corpus Christi, Tex.	29,919	34,253	29,981	20,929	17,854	2,661	3,012	2,144	1,139	819
Dallas, Tex.	132,949	140,391	166,612	132,914	135,255	12,197	10,267	9,379	4,643	5,231
Dayton, Ohio	21,825	19,953	39,871	24,864	19,732	1,743	894	1,389	670	342
Denver, Colo.	66,275	79,193	77,136	73,159	58,088	6,911	5,483	5,392	3,459	2,349
Des Moines, Iowa	24,877	22,228	31,219	27,404	30,716	1,842	1,022	1,250	839	787
Detroit, Mich.	209,274	129,759	143,657	110,821	127,407	13,565	4,715	3,695	2,660	2,259
Duluth, Minn.	7,562	7,712	8,513	11,291	10,737	651	267	354	407	457
Elizabeth, N. J.	6,897	5,314	3,656	6,097	4,356	768	456	110	135	155
El Paso, Tex.	24,897	29,777	38,800	27,841	35,658	2,379	3,067	2,780	1,910	2,880
Erie, Pa.	15,306	15,240	14,866	11,915	17,805	1,325	686	733	551	344
Evansville, Ind.	5,638	6,415	10,029	5,053	4,441	717	653	482	360	145
Fall River, Mass.	3,861	2,082	2,088	3,683	2,894	289	108	129	126	35
Flint, Mich.	26,367	32,339	34,124	29,087	21,877	2,015	2,096	2,302	1,214	886
Fort Wayne, Ind.	13,726	18,803	14,834	16,400	16,862	1,231	518	392	510	537
Fort Worth, Tex.	49,161	46,922	57,116	51,377	58,204	7,131	3,867	4,308	2,577	2,576
Gary, Ind.	17,131	25,806	23,391	22,645	41,166	1,503	1,738	1,273	985	620
Grand Rapids, Mich.	18,308	11,617	13,918	11,253	7,450	1,510	616	624	421	260
Hartford, Conn.	20,159	12,477	14,885	14,568	23,024	882	538	177	226	213
Houston, Tex.	185,979	165,395	141,695	151,486	217,358	11,909	8,659	6,838	4,693	9,936
Indianapolis, Ind.	36,403	40,577	34,512	46,012	44,858	3,556	1,621	1,819	2,061	1,272
Jacksonville, Fla.	21,701	36,340	21,328	17,012	23,366	2,033	1,010	702	527	590
Jersey City, N. J.	9,633	3,292	5,612	7,722	12,620	628	65	428	470	846
Kansas City, Kans.	7,046	12,494	10,553	10,005	8,030	554	312	204	270	171
Kansas City, Mo.	44,098	63,030	71,230	52,188	56,745	2,957	1,853	1,588	1,308	1,213
Knoxville, Tenn.	19,954	12,226	11,730	12,217	9,279	1,790	483	430	224	241
Little Rock, Ark.	21,090	19,162	11,422	9,156	17,217	1,529	576	552	363	450
Long Beach, Calif.	38,579	38,627	51,131	54,336	39,702	1,810	2,487	2,353	1,854	2,409
Los Angeles, Calif.	407,293	409,961	435,677	484,748	508,398	30,798	28,148	24,194	26,888	27,202
Louisville, Ky.	23,179	27,672	32,971	33,386	28,997	2,310	1,339	1,918	1,319	1,398
Memphis, Tenn.	55,269	45,035	42,506	45,047	35,830	6,682	4,209	3,128	1,920	2,114
Miami, Fla.	47,037	46,754	46,433	49,771	57,305	4,664	3,485	2,584	2,668	3,793
Milwaukee, Wis.	87,360	104,218	88,494	103,126	99,771	6,322	5,246	3,982	4,701	5,281
Minneapolis, Minn.	45,868	36,894	45,066	35,362	45,355	2,900	1,283	1,031	913	793
Mobile, Ala.	12,932	13,702	14,725	17,070	31,336	1,743	1,046	1,129	1,334	2,086
Montgomery, Ala.	13,200	20,504	15,857	12,582	12,341	2,293	2,536	1,790	1,041	680
Nashville, Tenn.	16,391	8,994	21,488	25,624	9,503	1,024	385	537	157	341
Newark, N. J.	23,499	26,769	13,444	24,979	26,528	293	1,622	85	97	127
New Bedford, Mass.	4,217	4,729	3,925	5,347	3,197	387	133	395	277	203
New Haven, Conn.	14,051	12,494	10,832	9,646	25,836	1,093	237	211	215	121
New Orleans, La.	77,547	56,528	98,569	86,097	72,862	5,091	2,138	2,926	2,101	1,627

See footnotes at end of table.

No. 995.—Building Construction in Cities of 100,000 Inhabitants or More—Value of All Construction and Number of New Dwelling Units: 1950 to 1957—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1950	1954	1955	1956	1957 (prel.)	1950	1954	1955	1956	1957 (prel.)
New York, N. Y.:[2]										
Bronx	45,730	48,237	40,122	64,600	69,782	3,689	3,110	3,386	4,092	4,747
Brooklyn	71,811	111,605	100,186	73,833	97,737	6,566	7,447	7,776	5,096	6,842
Manhattan	117,080	197,617	202,965	254,467	324,372	4,389	6,565	10,651	7,481	5,286
Queens	194,562	122,492	106,412	108,738	84,440	24,336	9,589	7,988	7,365	5,905
Richmond	4,574	4,928	6,059	8,429	7,793	428	334	463	494	642
Norfolk, Va	20,012	13,285	16,587	26,482	14,625	2,132	578	739	896	323
Oakland, Calif	31,227	23,647	31,447	41,422	44,620	1,491	1,220	1,468	1,671	1,904
Oklahoma City, Okla	50,646	45,903	42,709	47,676	38,471	4,120	3,475	2,779	1,553	1,399

No. 996.—National Housing Inventory—Components of Change: 1950–56

[**In thousands.** Based on sample; see source for further explanation. For definition of standard metropolitan areas, see headnote, table 11]

AREA	INVENTORY OF DWELLING UNITS		NET INCREASE 1950–56		UNITS ADDED			UNITS LOST		
	April 1, 1950	Dec. 31, 1956	Number	Percent	Total[1]	New construction	Net conversion	Total[1]	Demolition	Net merger

No. 998.—Number and Average Construction Cost of New Permanent Privately Owned One-Family Dwelling Units Started: 1940 to 1957

[Average cost of all such dwelling 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, and from 1946, also on reports of construction cost by individual construction contractors in a representative group of localities not issuing permits]

PERIOD	Number of dwelling units started	Average construction cost per unit	PERIOD	Number of dwelling units started	Average construction cost per unit
1940	447,600	$4,075	1957	840,200	$13,025
1945	184,600	4,650	January	50,100	12,600
1946	590,000	5,525	February	52,800	12,800
1947	740,200	6,750	March	68,000	12,950
1948	763,200	7,850	April	78,800	13,025
1949	792,400	7,625	May	81,600	13,250
1950	1,150,700	8,675	June	80,300	13,150
1951	892,200	9,300	July	81,100	13,050
1952	939,100	9,475	August	81,700	12,925
1953	932,800	9,950	September	76,900	13,075
1954	1,077,300	10,625	October	73,800	13,375
1955	1,190,000	11,350	November	64,200	13,000
1956	980,700	12,225	December	50,900	12,925

Source: Department of Labor, Bureau of Labor Statistics; *Construction During Five Decades: Historical Statistics, 1907–52*, and *Construction Review* (a joint publication of the Departments of Commerce and Labor).

No. 999.—Selected Characteristics of New Nonfarm One-Family Houses: 1955 and 1956

[Data are for first quarter. Based on sample of 6,000 projects (single-family and multifamily, for which permits were issued or work was started in the first quarter) including more than 37,000 dwelling units in various sizes and types of communities. See source for sampling reliability]

CHARACTERISTICS	1955	1956	CHARACTERISTICS	1955	1956
Number of houses [1]—1,000	256.9	218.6	Number of bedrooms [4]—Continued		
Median proposed selling price [2]			4 bedrooms or more	6	8
$1,000	13.7	14.5	Unknown	3	1
Average floor area [3]—sq. ft.	1,170	1,230	Exterior wall construction:		
Percent, all houses	100	100	Masonry	20	16
Selling price: [2]			Solid brick	3	2
Less than $7,000	7	4	Brick facing	12	10
$7,000 to $9,999	11	10	Concrete block	4	1
$10,000 to $11,999	16	13	Other [6]	1	3
$12,000 to $14,999	29	27	Frame	77	83
$15,000 to $19,999	23	26	Brick facing	18	26
$20,000 and over	10	18	Brick and wood facing	8	7
Unknown	4	2	Wood facing	29	24
Floor area (sq. ft.): [3]			Asbestos shingle facing	8	9
Less than 700	3	2	Other [7]	14	17
700 to 799	4	3	All other [8]	1	(4)
800 to 999	22	17	Unknown	2	1
1,000 to 1,199	30	31	Basements:		
1,200 to 1,499	26	26	No basement	55	55
1,500 to 1,799	7	10	Full or partial basement	42	43
1,800 and over	5	9	Unknown	3	2
Unknown	3	2	Utility room:		
Number of bedrooms: [4]			Utility room	33	37
1 bedroom [5]	1	1	No basement	27	30
2 bedrooms	22	20	With basement	6	7
3 bedrooms	68	70	No utility room	64	58
			Unknown	3	5

[1] Detached, semidetached, and row houses which can be sold independently of nearby or adjoining units.
[2] Advertised price at the time of survey, or the actual selling price of units already sold.
[3] Computed from outside dimensions. Includes all livable space as well as laundry rooms, halls, and closets on first or higher floors, but excludes rumpus, storage, laundry, and utility rooms in the basement, garages, unfinished attic space, and open or screened porches.
[4] Only rooms specifically designed for sleeping purposes.
[5] Includes a few houses with no bedrooms.
[6] Includes such outer facing materials as cut stone, field stone, structural tile, or stucco.
[7] Includes such outer facing materials as composition (e. g., asphalt siding and shingles), metal, or stucco.
[8] Steel frame panels, poured concrete, a combination of metal and lumber, concrete reinforced with steel, or sheathing panels with supplementary frame members.

Source: Department of Labor, Bureau of Labor Statistics; and Department of Commerce, Business and Defense Services Administration; *Construction Review* (a joint publication)

No. 1000.—Selected Characteristics of New Nonfarm Dwelling Units in Multifamily Structures, by Type of Structure: 1955 and 1956

[Data are for first quarter. See headnote, table 999]

Characteristics	2- to 4-family		5-or-more family	
	1955	1956	1955	1956
Number of houses 1,000	11.8	10.3	19.1	15.4
Average floor area [1] ..... sq. ft.	720	850	620	660
Percent, all units	100	100	100	100
Floor area (sq. ft.): [1]				
Less than 400	(2)	(2)	5	7

No. 1002.—Vacant Dwelling Units—Percent Distribution by Condition and Status, by Inside and Outside Standard Metropolitan Areas: 1950 to 1958

[1950 figures based on complete enumeration. Beginning 1956, figures based on sample data collected in connection with Current Population Survey; see Technical Note, p. 201. For definition of standard metropolitan areas, see table 11]

CONDITION AND STATUS	TOTAL				INSIDE STANDARD METROPOLITAN AREAS		OUTSIDE STANDARD METROPOLITAN AREAS	
	April 1950	1st quarter 1956	1st quarter 1957	1st quarter 1958	April 1950	1st quarter 1958	April 1950	1st quarter 1958
All dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round vacant:								
Not dilapidated	3.3	5.3	4.6	5.4	2.8	4.1	4.0	7.1
For rent or for sale (available)	1.6	2.7	2.3	2.8	1.6	2.5	1.6	3.3
For rent	1.1	2.2	1.8	2.2	1.1	1.9	1.2	2.6
For sale only	0.5	0.5	0.5	0.6	0.5	0.6	0.4	0.7
Rented or sold, awaiting occupancy	[illegible]	0.4	0.4	0.4	[illegible]	0.4	[illegible]	0.3

No. 1004.—Occupied Dwelling Units—Tenure, and Population Per Dwelling

TO 1950

[Minus sign (—) denotes decrease. See also *Historical Statistics, 1789–1945*, series H 89–112]

COLOR OF OCCUPANTS, RESIDENCE, AND CENSUS YEAR	OCCUPIED DWELLING UNITS (OR FAMILIES)[1]						PERCENT INCREASE OVER PRECEDING CENSUS		Population per occupied dwelling unit (or family)[2]
	Total	Reporting tenure	Owner-occupied		Renter-occupied		Total occupied dwelling 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
COLOR OF									

No. 1005.—Dwelling Units—Occupancy, Tenure, and Race of Occupants: 1940 and 1950

[In thousands of dwelling units]

Occupancy, tenure, and race of occupants	1940		1950							
			Number				Percent distribution			
	Number	Percent	Total	Urban	Rural nonfarm	Rural farm	Total	Urban	Rural nonfarm	Rural farm
All dwelling units	37,325	100.0	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0
Urban-farm dwelling units	88	0.2	96	96	----	----	0.2	0.3	----	----
Occupied dwelling units	34,855	93.4	42,826	28,492	8,613	5,721	93.1	96.4	85.6	90.0
Owner occupied	15,196	40.7	23,560	14,377	5,425	3,758	51.2	48.6	53.9	59.1
White	14,418	38.6	22,241	13,567	5,135	3,539	48.4	45.9	51.1	55.7
Negro	720	1.9	1,252	787	265	199	2.7	2.7	2.6	3.1
Other races	58	0.2	67	22	25	20	0.1	0.1	0.2	0.3
Renter occupied	19,659	52.7	19,266	14,116	3,188	1,963	41.9	47.7	31.7	30.9
White	17,143	45.9	16,803	12,434	2,846	1,522	36.5	42.1	28.3	23.9
Negro	2,437	6.5	2,381	1,630	324	428	5.2	5.5	3.2	6.7
Other races	79	0.2	82	51	18	13	0.2	0.2	0.2	0.2
Nonresident dwelling units	106	0.3	127	56	28	44	0.3	0.2	0.3	0.7
Vacant dwelling units [1]	2,365	6.3	3,030	1,021	1,416	593	6.6	3.5	14.1	9.3
Nonseasonal not dilapidated, for rent or sale	(2)	(2)	732	493	146	93	1.6	1.7	1.5	1.5
For rent	(2)	(2)	517	354	106	57	1.1	1.2	1.1	0.9
For sale only	(2)	(2)	215	138	40	36	0.5	0.5	0.4	0.6
Nonseasonal not dilapidated, not for rent or sale [3]	(2)	(2)	743	276	297	170	1.6	0.9	3.0	2.7
Nonseasonal dilapidated	(2)	(2)	505	103	183	219	1.1	0.3	1.8	3.4
Seasonal	678	1.8	1,050	150	790	111	2.3	0.5	7.9	1.7

[1] 1940 and 1950 data not strictly comparable. See text, p. 744. [2] Not available.
[3] Comprises units already rented or sold but not yet occupied, and units held off market for other reasons.

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

No. 1006.—Dwelling Units, by Geographic Divisions: 1950

[For composition of divisions, see table 1008]

Division	Total		Urban		Rural nonfarm		Rural farm	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	45,983,398	100.0	29,569,073	100.0	10,056,382	100.0	6,357,943	100.0
New England	2,879,409	6.3	2,080,539	7.0	676,930	6.7	121,940	1.9
Middle Atlantic	9,171,773	19.9	7,271,291	24.6	1,498,371	14.9	402,111	6.3
East North Central	9,334,211	20.3	6,399,303	21.6	1,869,849	18.6	1,065,059	16.8
West North Central	4,411,435	9.6	2,274,630	7.7	1,050,053	10.4	1,086,752	17.1
South Atlantic	5,996,267	13.0	3,116,394	10.5	1,758,337	17.5	1,121,536	17.6
East South Central	3,195,164	6.9	1,330,434	4.5	851,620	8.5	1,013,110	15.9
West South Central	4,462,354	9.7	2,516,479	8.5	1,008,094	10.0	937,781	14.7
Mountain	1,608,421	3.5	884,417	3.0	468,824	4.7	255,180	4.0
Pacific	4,924,364	10.7	3,695,586	12.5	874,304	8.7	354,474	5.6

No. 1007.—Dwelling Units—Year Built: 1950

[In thousands of dwelling units. Based on 20-percent sample]

Year built	Number				Percent distribution			
	Total	Urban	Rural nonfarm	Rural farm	Total	Urban	Rural nonfarm	Rural farm
Number reporting year built	44,230	28,547	9,535	6,148	100.0	100.0	100.0	100.0
1945 or later	5,946	3,366	1,954	626	13.4	11.8	20.5	10.2
1940 to 1944	3,228	2,154	757	317	7.3	7.5	7.9	5.2
1930 to 1939	5,898	3,303	1,676	918	13.3	11.6	17.6	14.9
1920 to 1929	8,894	6,464	1,429	1,000	20.1	22.6	15.0	16.3
1919 or earlier	20,264	13,259	3,719	3,286	45.8	46.4	39.0	53.4

Source of tables 1006 and 1007: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I.

No. 1008.—Dwelling Units—Selected Characteristics, by States: 1950

State	All dwelling units				Occupied dwelling units				Owner-occupied nonfarm		Renter-occupied nonfarm	
	Total	Percent—			Total	Percent—			Percent mortgaged[3]	Median value of one-dwelling-unit structures[4]	Median contract monthly rent	Median gross monthly rent
		In one-dwelling-unit detached structures[1]	In structures built in 1940 or later[2]	With hot running water, private toilet and bath, not dilapidated		With 1.01 or more persons per room	Occupied by nonwhite	Owner occupied				
U. S.	**45,983,398**	**64.0**	**20.7**	**63.1**	**42,826,281**	**15.7**	**8.8**	**55.0**	**44.0**	**$7,354**	**$35.50**	**$42.47**
N. E.	**2,879,409**	**47.4**	**11.8**	**73.9**	**2,613,421**	**9.9**	**1.4**	**50.9**	**56.6**	**8,943**	**30.45**	**45.06**
Maine	311,441	67.9	12.0	52.4	254,443	12.1	0.2	62.8	31.8	4,856	27.95	41.35
N. H.	190,563	61.6	11.8	64.8	155,203	8.9	0.2	58.1	45.0	6,199	26.67	40.52
Vt.	121,911	66.1	9.0	55.3	103,496	9.0	0.1	61.3	41.1	6,277	27.54	41.22
Mass.	1,400,185	40.6	9.5	79.2	1,305,194	9.8	1.5	47.9	62.6	9,144	31.61	46.89
R. I.	244,147	40.3	11.9	62.2	225,447	9.7	1.6	45.3	54.0	9,767	25.62	40.17
Conn.	611,162	47.2	17.3	81.8	569,638	9.7	2.2	51.1	61.1	11,862	31.85	45.18
M. A.	**9,171,773**	**39.1**	**11.9**	**79.2**	**8,614,655**	**11.4**	**5.4**	**47.7**	**48.9**	**8,627**	**38.42**	**46.37**
N. Y.	4,633,806	32.7	11.1	83.5	4,325,139	12.4	5.4	37.9	56.7	10,152	41.02	48.30
N. J.	1,501,473	46.7	15.2	83.5	1,373,637	10.2	5.3	53.1	51.3	10,408	39.12	48.76
Pa.	3,036,494	45.0	11.6	71.6	2,915,879	10.7	5.5	59.7	40.7	6,992	31.28	39.76
E. N. C.	**9,334,211**	**64.9**	**16.3**	**66.1**	**8,823,056**	**11.9**	**5.0**	**60.0**	**42.9**	**7,720**	**38.33**	**45.49**
Ohio	2,402,565	66.3	15.8	69.8	2,313,990	10.9	5.4	61.1	45.2	8,304	34.28	41.56
Ind.	1,232,314	75.9	17.2	58.2	1,168,916	13.8	3.9	65.5	46.6	6,226	34.26	41.97
Ill.	2,671,647	52.2	12.3	67.0	2,582,000	12.6	6.6	50.1	39.9	8,646	41.91	47.19
Mich.	1,971,842	71.9	22.6	70.4	1,790,702	10.9	5.4	67.5	43.0	7,496	40.29	47.36
Wis.	1,055,843	68.1	15.1	58.5	967,448	11.2	0.9	63.5	37.8	7,927	37.85	48.99
W. N. C.	**4,411,435**	**75.4**	**14.0**	**50.9**	**4,148,910**	**13.8**	**3.1**	**62.2**	**36.2**	**6,391**	**33.76**	**39.83**
Minn.	918,434	73.0	16.4	52.7	845,265	13.0	0.8	66.4	41.1	7,806	35.72	43.27
Iowa	811,912	80.4	11.2	51.4	780,167	10.3	0.7	63.4	32.3	6,320	34.80	42.53
Mo.	1,268,354	67.8	14.1	48.5	1,197,597	16.8	6.8	57.7	41.1	6,399	30.38	36.44
N. Dak.	175,769	82.6	14.2	33.6	162,105	20.5	1.2	66.2	22.8	5,396	36.14	42.80
S. Dak.	194,573	82.8	14.2	38.0	182,978	15.4	2.5	62.2	25.0	5,410	33.54	42.30
Nebr.	417,245	80.3	11.5	56.5	394,148	12.6	1.5	60.6	32.0	5,918	36.71	42.50
Kans.	625,148	80.1	15.8	57.8	586,650	11.6	3.6	63.9	33.7	5,462	35.43	37.55
S. A.	**5,996,267**	**70.7**	**27.4**	**48.8**	**5,539,058**	**21.4**	**20.9**	**52.1**	**42.0**	**6,349**	**28.92**	**35.91**
Del.	97,013	53.8	21.9	69.6	90,390	9.6	12.1	58.9	51.0	9,079	35.80	46.03
Md.	689,116	46.1	26.1	71.3	641,222	12.3	13.6	56.3	49.0	8,033	39.68	46.16
D. C.	229,738	13.2	22.3	87.0	224,142	14.1	27.9	32.3	60.1	14,498	53.72	57.09
Va.	901,483	71.5	29.0	49.7	845,259	19.1	19.4	55.1	43.5	6,581	31.71	39.16
W. Va.	544,075	79.4	19.1	44.6	518,281	22.6	5.3	55.0	32.5	5,473	21.63	28.43
N. C.	1,058,367	83.3	26.0	34.5	994,356	25.1	22.7	53.3	36.4	4,901	20.83	29.58
S. C.	557,672	82.1	25.3	34.3	514,638	28.9	34.5	45.1	40.2	5,112	17.39	26.03
Ga.	966,672	75.3	24.6	35.8	889,269	27.2	28.0	46.5	40.2	5,235	19.97	27.42
Fla.	952,131	73.2	39.2	60.1	821,501	18.0	18.8	57.6	42.1	6,612	38.46	39.35
E. S. C.	**3,195,164**	**80.1**	**24.6**	**32.7**	**2,991,832**	**27.9**	**22.0**	**53.6**	**34.9**	**4,933**	**21.63**	**28.11**
Ky.	820,141	78.7	18.7	35.5	778,754	25.1	7.3	58.7	35.5	5,283	24.66	30.77
Tenn.	921,837	78.6	26.7	36.0	871,474	25.3	15.5	56.5	37.2	5,268	24.13	30.73
Ala.	843,857	79.3	27.3	31.6	786,839	30.5	29.3	49.4	34.6	4,473	17.51	24.52
Miss.	609,329	85.2	25.8	25.2	554,765	32.1	42.3	47.8	29.4	4,159	18.81	24.62
W. S. C.	**4,462,354**	**80.0**	**31.0**	**47.6**	**4,101,717**	**23.7**	**15.9**	**55.8**	**37.3**	**5,446**	**31.57**	**33.60**
Ark.	575,163	86.5	26.9	28.7	524,391	26.7	21.2	54.5	29.1	4,087	22.60	27.91
La.	777,672	73.1	30.0	40.5	724,945	26.2	30.8	50.3	37.1	5,141	22.21	26.74
Okla.	715,691	83.6	24.0	51.7	663,203	20.0	7.8	60.0	40.0	5,228	32.78	34.20
Tex.	2,393,828	79.6	34.4	53.2	2,189,178	23.3	12.1	56.7	37.9	5,805	35.96	37.13
Mt.	**1,608,421**	**75.9**	**30.0**	**62.3**	**1,445,433**	**22.8**	**3.4**	**59.4**	**38.8**	**6,582**	**36.65**	**40.29**
Mont.	194,256	78.0	19.1	56.3	175,470	19.0	2.1	60.3	27.2	5,797	35.35	40.83
Idaho	188,328	83.1	27.5	61.6	169,110	22.2	1.0	65.5	34.7	5,852	35.91	43.85
Wyo.	92,086	73.3	25.7	60.5	84,185	22.2	1.6	54.0	36.9	6,811	38.41	41.23
Colo.	436,226	71.9	22.7	61.1	391,235	18.0	1.8	58.1	41.7	7,151	36.31	39.25
N. Mex.	199,706	78.2	39.7	51.0	176,993	34.0	5.6	58.8	36.2	5,697	39.19	40.93
Ariz.	240,750	79.2	46.9	62.5	210,374	27.6	9.7	56.4	42.8	5,936	35.50	36.83
Utah	200,554	70.8	29.1	79.8	187,826	23.4	1.4	65.3	42.7	7,409	36.08	39.93
Nev.	56,515	75.8	39.6	73.7	50,241	16.3	5.2	48.7	39.6	8,859	42.33	47.34
Pac.	**4,924,364**	**71.3**	**33.8**	**83.6**	**4,548,199**	**12.2**	**4.1**	**57.2**	**49.9**	**8,872**	**39.56**	**42.62**
Wash.	809,701	77.6	29.7	78.8	735,746	11.3	2.0	65.0	43.0	7,169	36.57	43.46
Oreg.	524,003	79.8	32.6	74.0	479,047	12.7	1.2	65.3	40.3	6,846	38.01	44.19
Calif.	3,590,660	68.6	34.9	86.0	3,333,406	12.3	5.0	54.3	53.0	9,564	40.48	42.39

[1] Includes occupied trailers. [2] Based on 20-percent sample.
[3] Restricted to units in 1- to 4-dwelling-unit structures without business.
[4] Restricted to 1-dwelling-unit properties without business.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Housing: 1950*, Vol. I.

No. 1009.—Dwelling Units—Type of Structure, Rooms, Facilities, and Equipment: 1950

[**In thousands of dwelling units.** Percent not shown where less than 0.1]

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural non-farm	Rural farm	Total	Urban	Rural non-farm	Rural farm
Total dwelling units	45,983	29,569	10,056	6,358	100.0	100.0	100.0	100.0
TYPE OF STRUCTURE								
1 to 4 dwelling unit	40,591	24,470	9,788	6,332	88.3	82.8	97.3	99.6
5 to 9 dwelling unit	2,138	2,028	102	8	4.6	6.9	1.0	0.1
10 dwelling unit or more	2,940	2,897	37	5	6.4	9.8	0.4	0.1
Trailers	315	174	128	12	0.7	0.6	1.3	0.2
NUMBER OF ROOMS								
Number reporting	44,898	29,044	9,687	6,167	100.0	100.0	100.0	100.0
1 room	1,296	836	349	110	2.9	2.9	3.6	1.8
2 rooms	3,384	2,233	828	323	7.5	7.7	8.5	5.2
3 rooms	6,670	4,582	1,408	680	14.9	15.8	14.5	11.0
4 rooms	9,814	6,195	2,326	1,293	21.9	21.3	24.0	21.0
5 rooms	9,522	6,486	1,904	1,131	21.2	22.3	19.7	18.3
6 rooms	7,565	5,044	1,460	1,070	16.8	17.4	15.0	17.4

No. 1010.—Dwelling Units—Mortgage Status of Nonfarm Owner-Occupied Units: 1890 to 1950

For 1940 and 1950, 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

No. 1012.—Nonfarm Mortgages Recorded—Mortgages of $20,000 or Less, by Type of Mortgagee: 1940 to 1957

[**Numbers in thousands; amounts in millions of dollars.** 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]

MORTGAGEE	1940	1945	1950	1952	1953	1954	1955	1956	1957
NUMBER									
Total	**1,456**	**1,639**	**3,032**	**3,028**	**3,164**	**3,458**	**3,913**	**3,602**	**3,246**
Savings and loan associations	503	575	935	1,027	1,109	1,198	1,373	1,202	1,122
Insurance companies	68	47	227	171	168	186	191	169	134
Commercial banks	316	299	628	600	599	661	783	724	587
Mutual savings banks	45	52	165	153	168	183	210	197	153
Individuals	340	499	610	671	682	675	726	734	736

No. 1015.—Percent Distribution of Home Loans Guaranteed by VA, by Purchase Price, Mortgage Maturity, and Downpayment Status: 1954 to 1957

[Based on complete count of loans]

Purchase price, maturity, and downpayment status	New homes				Existing homes			
	1954	1955	1956	1957	1954	1955	1956	1957
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	4.1	2.1	1.3	0.9	19.9	18.4	15.7	16.4
$8,000 to $9,999	19.1	15.0	8.7	4.4	22.7	20.3	17.2	16.3
$10,000 to $11,999	34.3	29.8	24.5	17.2	22.6	22.2	21.2	19.4
$12,000 to $14,999	32.3	38.4	41.4	40.9	21.7	23.7	25.7	26.0
$15,000 to $19,999	8.6	13.0	21.3	30.7	10.2	12.1	15.4	16.7
$20,000 and over	1.6	1.7	2.8	5.9	2.9	3.3	4.8	5.2
Average purchase price	$11,924	$12,476	$13,390	$14,335	$10,989	$11,343	$11,970	$12,086
MORTGAGE MATURITY								
All maturities	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25 years	13.7	5.3	5.8	6.1	61.6	50.5	54.1	59.9
25 years	49.4	32.7	37.2	32.2	30.4	37.6	37.7	30.6
26 to 30 years	36.9	62.0	57.0	61.7	8.0	11.9	8.2	9.5
DOWNPAYMENT STATUS								
All loans	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
With downpayments	63.0	46.6	68.0	91.6	84.4	80.3	97.8	99.0
With no downpayments	37.0	53.4	32.0	8.4	15.6	19.7	2.2	1.0

Source: Veterans Administration.

No. 1016.—Financial Characteristics of Home Loans Guaranteed by VA, by Monthly Income of Purchasers: 1957

[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	$2,215	$1,325	$1,570	$1,975	$2,555	$4,405
Purchase price	$13,790	$9,820	$12,070	$13,665	$15,060	$17,520
Loan	$12,740	$8,935	$11,210	$12,705	$13,905	$15,820
Downpayment	$1,050	$885	$860	$960	$1,155	$1,700
Percent of purchase price	7.6	9.0	7.1	7.0	7.7	9.7
Percent of liquid assets	47.4	66.8	54.8	48.6	45.2	38.6
Monthly income after taxes	$484.40	$268.50	$355.05	$443.60	$574.50	$848.05
Monthly housing expense	$118.10	$87.70	$103.30	$118.90	$127.80	$146.25
Percent of income after taxes	24.4	32.7	29.1	26.8	22.2	17.2
Percent of loans	100.0	100.0	100.0	100.0	100.0	100.0
New homes	81.8	55.9	77.8	83.2	86.1	88.2
Existing homes	18.2	44.1	22.2	16.8	13.9	11.8

Source: Veterans Administration.

No. 1017.—Completed Dwelling Units Owned or Supervised by the Public Housing Administration: 1935 to 1957

[As of December 31. See headnote, table 1018]

Year	Total	Federally owned	Locally owned	Year	Total	Federally owned	Locally owned
1935				1947	1,173,646	765,492	408,154
1936	798	798		1948	841,844	561,176	280,668
1937	8,174	8,174		1949	669,240	451,136	218,104
1938	21,639	21,639		1950	581,912	395,401	186,511
1939	26,599	21,639	4,960	1951	563,551	372,192	191,359
1940	60,907	21,639	39,268	1952	589,025	343,269	245,756
1941	121,972	21,639	100,333	1953	584,321	271,004	313,317
1942	313,352	176,847	136,505	1954	547,400	179,195	368,205
1943	599,455	452,490	146,965	1955	493,668	98,956	394,712
1944	723,964	576,322	147,642	1956	451,175	45,057	406,118
1945	817,029	667,629	149,400	1957 [1]	429,500	5,400	424,100
1946	949,868	673,895	275,973				

[1] Excludes 5,158 emergency program units in process of disposition.

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

No. 1018.—Low-Rent Dwelling Units Supervised by the Public Housing Administration, by Program: 1957

[As of December 31. PWA housing was authorized under the Industrial Recovery Act of 1933 and the Emergency Relief Appropriation Act of 1935. The Housing Act of 1937 (PL–412) provided for loans and annual contributions to local public housing authorities. In 1940, PL–671 extended the provisions of PL–412 to provide for defense-worker housing. Title III of the Housing Act of 1949 (PL–171) increased the provisions of PL–412 by 810,000 dwelling units. The Housing Act of 1950 (PL–475) provided for conveyance by PHA of "permanent war housing units" to local public housing authorities. Minus sign (−) denotes decrease]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net increase since Dec. 31, 1956		
Total	**534,594**	**980**	**5,400**	**529,194**
Under management	429,500	5,567	5,400	424,100
Under construction	24,036	10,058	----------	24,036
Not yet under construction	81,058	−14,645	----------	81,058
Public Law 171	322,088	6,268	----------	322,088
Public Law 412	117,003	−19	5	116,998
Public Law 671	47,954	−453	303	47,651
Public Works Administration	21,135	----------	3,522	17,613
Farm labor camps	1,570	−7,199	1,570	----------
Public Law 475	24,844	2,383	----------	24,844

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

No. 1019.—Public Housing Administration Units Completed for Occupancy: 1936 to 1957

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

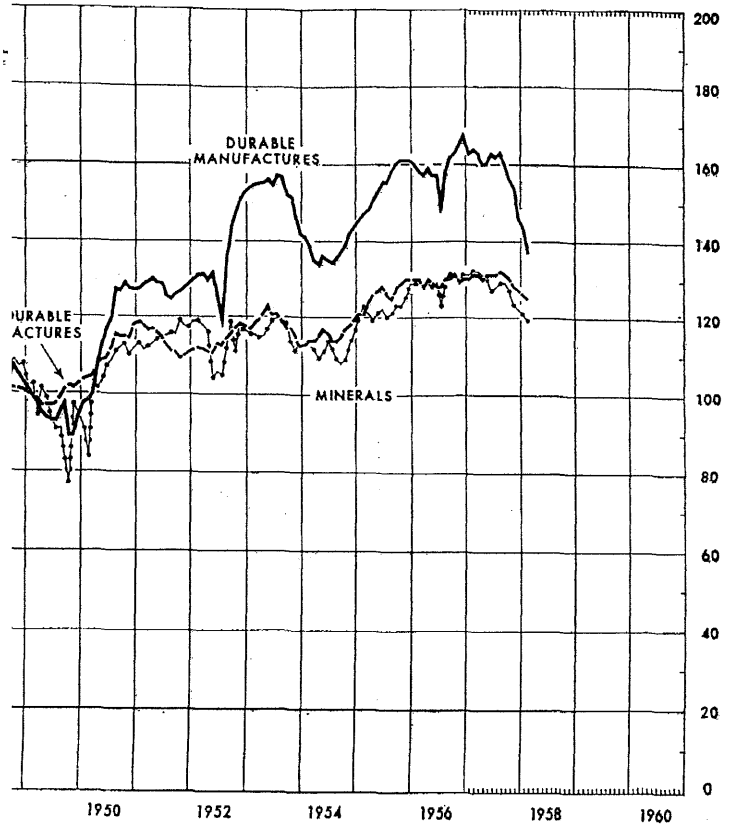
YEAR	All public housing	LOW-RENT			War and defense housing [2]	Veterans' re-use housing
		Total	U. S. Housing Act [1]	Public Works Administration		
Total	**1,413,104**	**407,748**	**386,109**	**21,639**	**739,704**	**265,652**
1936 to 1940	60,907	60,907	39,268	21,639	----------	----------
1941	120,851	61,065	61,065	----------	59,786	----------
1942	156,901	36,172	36,172	----------	120,729	----------
1943	371,700	24,296	24,296	----------	347,404	----------
1944	153,596	3,269	3,269	----------	150,327	----------
1945	44,157	2,080	2,080	----------	40,171	1,906
1946	134,847	1,925	1,925	----------	4,051	128,871
1947	107,097	466	466	----------	----------	106,631
1948	30,066	1,348	1,348	----------	[3] 1,550	27,168
1949	1,242	547	547	----------	----------	695
1950	1,636	1,255	1,255	----------	----------	381
1951	10,246	10,246	10,246	----------	----------	----------
1952	63,835	58,258	58,258	----------	5,577	----------
1953	64,773	58,214	58,214	----------	6,559	----------
1954	47,734	44,293	44,293	----------	3,441	----------
1955	21,008	20,899	20,899	----------	109	----------
1956	11,993	11,993	11,993	----------	----------	----------
1957	10,515	10,515	10,515	----------	----------	----------

[1] Includes 60,489 units diverted to war housing during the emergency.
[2] Includes permanent war housing units (24,844) which have been conveyed to local authorities for low-rent use under Public Law 475.
[3] Units completed for emergency flood projects in Portland-Vancouver area.

Source: Housing and Home Finance Agency, Public Housing Administration.

IAL PRODUCTION INDEXES: 1940 TO 1958

ysical volume and adjusted for seasonal variation. See table 1022]



Section *30*

Manufactures

This section presents measures of the manufacturing segment of the economy and its component inputs and outputs. The input data include figures for establishments; employment and wages; raw materials, fuels, and energy consumed; plant and equipment expenditures; and water use. The output data include figures for value and quantity of production and shipments; and value added by manufacture. Both types of data are shown for manufacturing as a whole, for major product groups, and for specific selected products.

The principal sources of these data are the reports of the Census of Manufactures conducted periodically by the Bureau of the Census; the same agency's *Annual Survey of Manufactures;* and its *Facts for Industry* series which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as Bureau of Labor Statistics, Agricultural Marketing Service, Business and Defense Services Administration, Fish and Wildlife Service, Tariff Commission, and Internal Revenue Service, and by private research or trade associations such as the American Iron and Steel Institute, the National Canners Association, and the National Association of Hosiery Manufacturers.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, and the Federal Trade Commission. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries.

Censuses and annual surveys.—The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals to 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every second year from 1921 through 1939, but was suspended during the war period until the 1947 Census. A census covering the year 1954 was the first taken under present legislation which provides for a quinquennial Census of Manufactures.

The *Annual Survey of Manufactures* was conducted for the first time in 1949 and carries forward, for the intercensal years, measures of manufacturing activity covered in detail by the quinquennial Census of Manufactures. It is designed to yield estimates of general statistics (employment, payrolls, value added by manufacture, inventories, and new capital expenditures) for industry groups, important individual industries, geographic divisions, States, and large standard metropolitan areas. Cross-tabulations are provided for divisions, States, and selected standard metropolitan areas by major industry groups.

Note.—This section presents data for the most recent year or period available on June 4, 1958, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

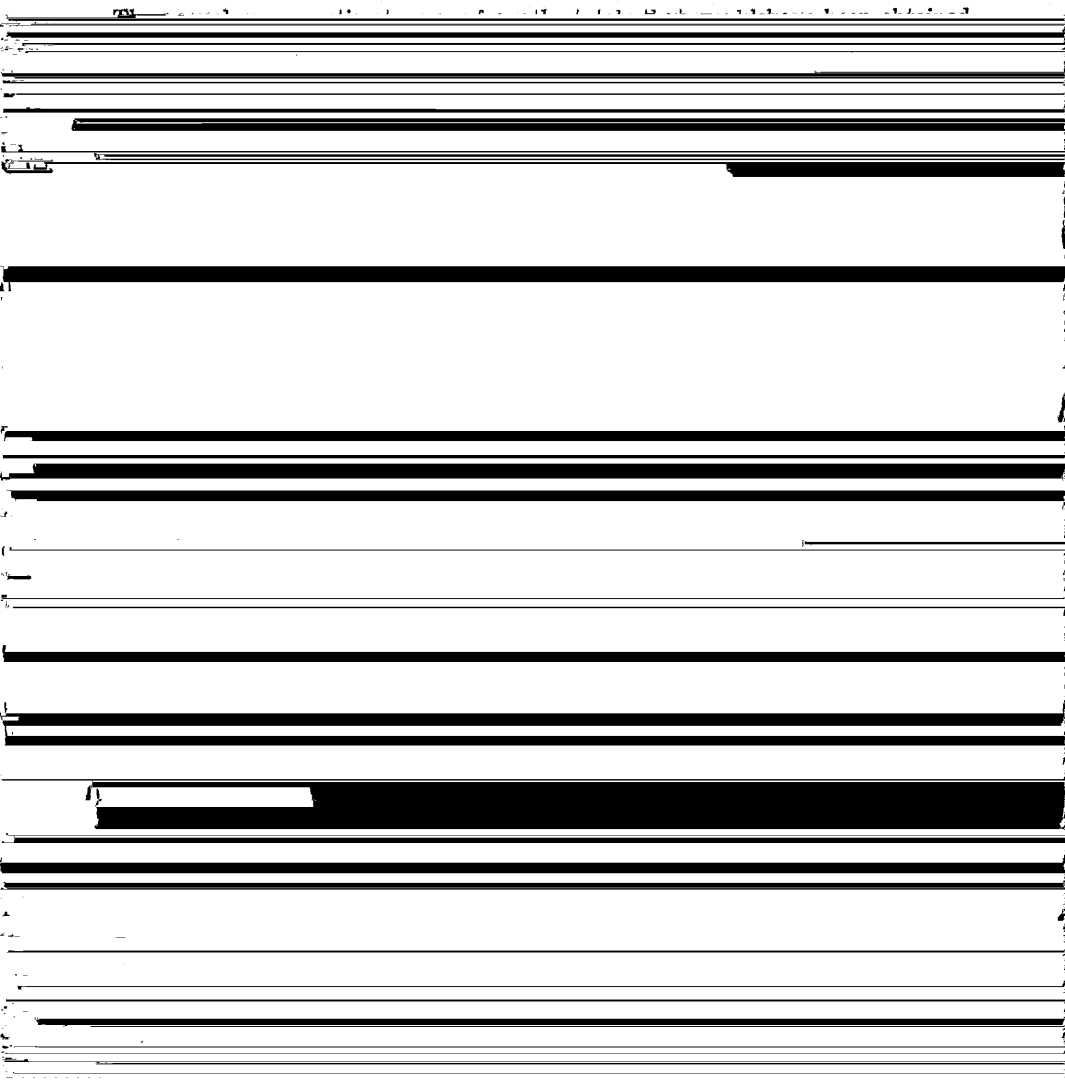
The annual survey is based on a sample of about 50,000 of an approximate total of 300,000 manufacturing establishments. It comprises all large plants and a representative selection of the more numerous small plants. The large plants in the survey account for approximately two-thirds of total manufacturing employment in the United States. (Government-owned and -operated establishments are excluded.)

Establishments and classification.—The 1947 and 1954 Censuses of Manufactures covered operating manufacturing establishments as defined in the *Standard Industrial*

consumption of raw materials appears in section 28, Mining and Mineral Products (see table 935); data on wages and hours appear in section 8, Labor Force, Employment, and Earnings; and abbreviated balance sheet and income account data on all manufacturing corporations appear in section 14, Federal Government Finances and Employment, and in section 17, Business Enterprise.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, 1789–1945*, series J 1–12") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*, and its *Continuation to 1952*. See preface.

Technical Note—Annual Survey of Manufactures



from a complete canvass of all manufacturing establishments. The relative magnitude of this sampling variation is given in the table column captioned "Standard error." The standard error should be interpreted to mean that the sample estimates

No. 1020.—Manufactures—Summary: 1899 to 1956

[Figures for 1899 to 1919 comprise establishments whose products were valued at $500 or more; for 1921 to 1939, establishments whose products were valued at $5,000 or more; for 1947 and later years, figures cover all establishments employing 1 or more persons at any time during year. Excludes hand and neighborhood industries. See also *Historical Statistics, 1789–1945*, series J 1–12]

YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES [1]		PRODUCTION WORKERS			Value added [3]
			Number (average for year) [2]	Salaries and wages	Number (average for year)	Man-hours	Wages	
		1,000	*1,000*	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*
1899	204,754	(4)	4,850	2,259	4,502		1,893	4,647
1904	213,444	225	5,675	2,991	5,182		2,441	6,019
1909	264,810	272	7,012	4,105	6,262		3,205	8,160
1914	268,436	259	7,514	5,016	6,602		3,782	9,386
1919	270,231	250	9,337	12,427	8,465		9,664	23,842
1921	192,059	172	7,557	9,870	6,475		7,451	17,253
1923	192,096	148	9,475	12,996	8,194		10,149	24,569
1925	183,877	133	9,142	12,958	7,871	(4)	9,980	25,668
1927	187,629	132	9,072	13,123	7,848		10,099	26,325
1929	206,663	133	9,660	14,284	8,370		10,885	30,591
1931	171,450	(4)	(4)	(4)	6,163		6,689	18,601
1933	139,325	72	[5] 6,558	[5] 6,238	5,788		4,940	14,008
1935	167,916	82	8,262	9,565	7,204		7,311	18,553
1937	166,794	99	9,786	12,830	8,569		10,113	25,174
1939	[6] 173,802	[7] 124	[7] 9,527	[7] 12,706	[5] 7,808		[6] 8,998	[6] 24,487
1947	240,807	189	14,294	39,696	11,918	24,316	30,244	74,290
1949 [8]	(4)	(4)	[9] 13,880	[9] 42,752	11,016	21,770	30,254	75,367
1950 [8]	260,000	(4)	[9] 14,770	[9] 47,893	11,779	23,717	34,600	89,750
1951 [8]	262,000	(4)	[9] 15,638	[9] 56,284	12,509	25,264	40,655	102,086
1952 [8]	267,000	(4)	[9] 16,061	[9] 61,141	12,706	25,618	43,764	109,162
1953 [8]	285,000	(4)	[9] 17,093	[9] 68,590	13,501	27,066	48,979	121,659
1954	286,817	198	[9] 16,126	[9] 65,977	12,373	24,341	44,595	116,913
1955 [8]	283,047	(4)	[9] 16,819	[9] 72,126	12,957	25,909	49,230	131,598
1956 [8]	(4)	(4)	[9] 17,178	[9] 77,059	13,135	26,101	52,061	139,683

[1] Beginning 1939 includes data for employees of manufacturing establishments engaged in distribution and con-

No. 1022.—Industrial Production—Indexes, by Industry Groups: 1947 to 1958

[1947–49 average=100. Monthly data adjusted for seasonal variation. See also *Historical Statistics, 1789–1945*, series J 30–48 and G 6–8, for indexes on 1935–39 base]

Year and month	Total	Manufactures: Total	Durable manufactures: Total	Primary metals	Fabricated metal products	Machinery	Transportation equipment	Instruments and related products	Stone, clay, and glass products	Lumber and products	Furniture and fixtures	Misc. manufactures
1947	100	100	101	103	103	103	96	100	98	101	100	100
1948	104	103	104	107	104	104	102	105	105	106	104	105
1949	97	97	95	90	93	93	102	95	97	93	96	95
1950	112	113	116	115	115	114	120	114	118	113	117	117
1951	120	121	128	126	122	130	135	128	131	113	111	120
1952	124	125	136	116	121	147	154	142	125	111	113	122
1953	134	136	153	132	136	160	189	155	133	118	117	140
1954	125	127	137	108	123	142	175	140	131	115	106	131
1955	139	140	155	140	134	155	203	149	149	127	119	141
1956	143	144	159	138	135	171	199	166	158	123	122	144
Mar	142	143	157	145	134	164	194	160	154	123	122	144
June	142	143	157	136	132	170	192	165	160	123	122	144
Sept	144	146	162	148	138	174	197	170	154	124	122	143
Dec	146	147	167	144	140	177	214	173	159	117	120	142
1957	143	145	160	131	139	168	213	172	155	114	120	140
Mar	145	147	163	137	138	172	219	173	155	115	119	140
June	145	147	163	132	139	171	220	173	156	125	121	142
Sept	144	146	160	131	139	170	212	173	159	112	122	143
Dec	135	137	146	107	135	156	194	168	148	103	116	131
1958:												
Mar	128	129	135	91	122	141	182	160	133	109	111	128

Year and month	Manufactures—Continued: Nondurable manufactures: Total	Textile mill products	Apparel and allied products	Rubber products	Leather and products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Food and beverage manufactures	Tobacco manufactures	Minerals, total
1947	99	101	97	106	106	99	93	97	97	101	99	100
1948	102	105	102	102	100	102	103	103	104	99	101	106
1949	99	94	101	92	94	98	103	101	99	100	100	94
1950	111	111	108	119	101	118	111	121	110	103	101	105
1951	114	107	105	119	94	125	113	136	122	105	107	115
1952	114	103	108	116	99	120	116	137	123	105	110	114
1953	118	104	110	128	99	132	121	147	130	107	108	116
1954	116	95	105	115	95	134	120	148	125	106	108	111
1955	126	107	113	143	105	152	127	167	135	109	105	122
1956	126	104	112	133	104	159	126	177	141	113	107	120

No. 1023.—Manufactures—General Statistics

1955 and 1956 based on sample and subject to sampling variation; see

	INDUSTRY GROUP	1954							
			All employees		Production workers			Ratios	
		Establishments, number	Number	Payroll	Number	Wages	Value added by manufacture [1]	Primary product specialization [2]	Coverage [3]
1	**All manufacturing establishments, incl. administrative and auxiliary units**	291,004	*1,000* 16,126	*Mil. dol.* 65,977	*1,000* 12,373	*Mil. dol.* 44,595	*Mil. dol.* 116,913		
2	**Operating manufacturing establishments only**	286,817	15,651	62,993	12,373	44,595	116,913		
3	**Food and kindred products**	42,374	1,647	6,202	1,138	3,759	13,400		
4	Meat products	4,992	311	1,235	243	899	1,931	0.97	0.99
5	Dairy products	11,503	283	1,086	153	507	2,257	.99	.99
6	Canned and frozen foods	3,513	199	573	175	442	1,301	.95	.97
7	Grain-mill products	3,352	110	435	79	286	1,217	.99	.90
8	Bakery products	6,414	291	1,124	179	588	1,977	.99	.99
9	Sugar	137	30	118	25	93	251	1.00	1.00
10	Candy and related products	1,490	80	255	66	181	596	.97	.95
11	Beverages	5,384	203	868	119	460	2,237	.99	1.00
12	Miscellaneous foods	5,589	139	508	99	303	1,633	.95	.89
13	**Tobacco manufactures**	627	95	260	87	220	988		
14	Cigarettes	19	30	104	28	91	677	.99	1.00
15	Cigars	410	38	89	36	78	165	.99	1.00
16	Chewing and smoking tobacco	65	8	23	6	17	80	.96	.89
17	Tobacco stemming and redrying	133	19	43	17	33	65	1.00	.99
18	**Textile mill products**	8,070	1,037	3,032	948	2,527	4,749		
19	Woolen and worsted manufactures	644	92	306	82	250	453	.97	.93
20	Yarn and thread mills	591	111	268	104	232	415	.95	.93
21	Broad-woven fabrics	1,060	386	1,056	364	937	1,550	.95	.88
22	Narrow fabric mills	513	26	79	23	61	122	.96	.94
23	Knitting mills	3,045	221	597	202	488	938	[6]	[3]
24	Finishing textiles, except wool	725	79	292	68	228	464	.86	.41
25	Carpets and rugs	327	51	185	44	145	361	.95	.98
26	Hats, except cloth and millinery	201	13	41	11	32	62	.98	.98
27	Miscellaneous textile goods	964	58	208	49	152	383	.93	.90
28	**Apparel and related products**	31,372	1,190	3,202	1,070	2,521	5,147		
29	Men's and boys' suits and coats	1,426	122	382	109	307	548	.91	.96
30	Men's and boys' furnishings	3,901	286	639	263	523	1,008	.94	.81
31	Women's and misses' outerwear	10,298	364	1,046	327	825	1,686	.98	.92
32	Women's and children's undergarments	1,843	112	285	101	219	513	.96	.88
33	Millinery	871	20	66	18	54	101	.99	.98
34	Children's outerwear	1,983	78	196	70	156	322	.94	.83
35	Fur goods	1,972	10	43	8	34	75	.99	1.00
36	Miscellaneous apparel	1,804	64	163	57	125	267	.92	.86
37	Fabricated textiles, n. e. c.	7,274	135	381	116	279	627	.94	.77
38	**Lumber and wood products**	41,484	646	1,934	582	1,605	3,188		
39	Logging camps and contractors	12,865	76	211	68	182	390	.98	.89
40	Lumber and basic products	20,487	341	962	315	828	1,595	.96	.81
41	Millwork and related products	3,834	119	456	101	351	710	.93	.94
42	Wooden containers	1,513	52	138	48	114	215	.94	.88
43	Miscellaneous wood products	2,785	57	167	50	130	278	.93	.92
44	**Furniture and fixtures**	10,273	341	1,197	287	893	1,966		
45	Household furniture	6,470	244	819	208	618	1,321	.96	.95
46	Office furniture	241	22	85	18	66	155	.84	.87
47	Public and professional furniture	394	20	76	16	55	126	.84	.81
48	Partitions and fixtures	1,626	33	143	27	102	231	.88	.87
49	Screens, shades, and blinds	1,327	18	60	14	40	110	.86	.84
50	Furniture and fixtures, n. e. c.	215	4	16	4	11	25	.75	.74
51	**Pulp, paper, and products**	5,004	530	2,217	436	1,657	4,581		
52	Pulp, paper, and board	932	216	975	183	778	2,289	.99	1.00
53	Paper coating and glazing	277	28	124	20	80	282	.85	.86
54	Envelopes	196	16	63	13	44	101	.96	.92
55	Paper bags	381	33	121	28	90	212	.91	.88
56	Paperboard containers	1,888	145	571	118	406	970	.96	.98
57	Pulp, paper, and products, n. e. c.	1,330	92	364	74	260	727	.91	.89

For footnotes, see pp. 780 and 781.

FOR INDUSTRY GROUPS: 1954 TO 1956

text, pp. 771 and 773. "N. e. c." means not elsewhere classified]

1955			1956						STANDARD ERROR [4]		
All employees			All employees		Production workers						
Number	Payroll	Value added by manufacture [1]	Number	Payroll	Number	Man-hours	Wages	Value added by manufacture	Total employment	Value added by manufacture [1]	
1,000	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*	*Percent*	*Percent*	
16,819	72,126	131,598	17,178	77,059	13,135	26,101	52,061	139,683	1	1	1
16,344	69,143	131,598	16,704	74,076	13,135	26,101	52,061	139,683	1	1	2
1,675	6,545	14,366	1,707	6,965	1,167	2,379	4,203	15,374	1	1	3
314	1,329	2,257	324	1,439	253	541	1,056	2,469	1	2	4
294	1,156	2,318	300	1,211	158	334	550	2,442	2	2	5
208	601	1,399	213	665	186	351	519	1,537	1	2	6
111	452	1,264	111	468	79	168	299	1,339	1	2	7
295	1,186	2,101	304	1,254	185	369	645	2,244	1	1	8
29	121	297	28	127	23	51	99	348	1	4	9
82	265	640	82	280	65	128	195	658	1	1	10
202	905	2,383	205	952	119	234	501	2,501	1	1	11
140	530	1,708	142	569	100	203	338	1,836	1	1	12
96	271	1,079	93	279	85	156	237	1,175	2	1	13
31	113	749	31	119	29	57	105	834	1	1	14
38	90	184	35	87	32	58	76	197	2	4	15
7	24	79	7	24	6	11	18	77	1	2	16
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)			17
1,059	3,241	5,291	1,044	3,298	949	1,874	2,750	5,303	1	1	18
96	326	521	97	347	87	178	281	572	4	4	19
111	295	477	107	296	100	194	257	493	2	3	20
377	1,097	1,673	368	1,099	347	697	988	1,630	1	1	21
27	83	135	28	86	25	46	67	137	5	3	22
236	649	1,057	237	681	214	401	556	1,098	1	2	23
83	316	511	79	305	68	142	237	479	2	2	24
53	199	405	54	207	46	93	162	400	1	1	25
14	42	66	13	42	12	21	32	65	2	9	26
63	233	445	61	234	51	102	170	429	2	3	27
1,248	3,408	5,473	1,271	3,612	1,134	2,031	2,842	5,807	1	1	28
130	416	601	132	441	117	209	356	637	2	2	29
300	681	1,081	308	746	283	507	620	1,152	1	3	30
373	1,079	1,748	380	1,146	339	597	891	1,892	1	1	31
121	305	534	123	317	110	198	251	582	2	2	32
19	61	96	20	63	19	32	51	103	6	4	33
83	212	327	86	230	75	138	178	360	3	3	34
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)			35
67	175	288	68	178	60	104	137	288	4	4	36
144	428	727	143	439	121	228	315	704	3	3	37
693	2,187	3,650	698	2,276	631	1,187	1,887	3,655	1	1	38
85	262	468	90	278	83	139	245	492	5	6	39
363	1,069	1,818	365	1,125	338	632	964	1,816	1	2	40
132	528	837	128	522	107	215	397	778	1	2	41
51	139	226	49	142	45	88	118	229	2	4	42
63	189	300	67	208	58	114	162	340	4	5	43
366	1,329	2,237	376	1,417	315	638	1,057	2,453	1	1	44
260	905	1,494	265	951	226	457	720	1,599	1	1	45
24	102	192	27	122	22	48	98	242	3	4	46
22	87	154	23	99	19	39	69	163	8	10	47
36	153	254	35	160	28	58	113	278	4	4	48
20	65	115	21	67	16	30	45	142	6	9	49
(5)	(5)	(5)	5	17	4	7	12	30	7	7	50
549	2,432	5,082	565	2,629	461	982	1,952	5,509	1	1	51
222	1,077	2,559	227	1,170	190	426	927	2,758	2	1	52
29	135	317	30	144	21	44	90	337	1	1	53
17	71	116	18	79	15	29	54	134	3	4	54
34	133	233	37	149	30	61	107	285	2	2	55

No. 1023.—Manufactures—General Statistics

	INDUSTRY GROUP	1954							
		Establishments, number	All employees		Production workers		Value added by manufacture [1]	Ratios	
			Number	Payroll	Number	Wages		Primary product specialization [2]	Coverage [3]
			1,000	*Mil. dol.*	*1,000*	*Mil. dol.*	*Mil. dol.*		
1	**Printing and publishing**	**32,531**	**804**	**3,625**	**500**	**2,115**	**6,265**		
2	Newspapers	8,646	282	1,263	149	667	2,144	0.95	1.00
3	Periodicals	2,045	62	313	16	68	796	.95	.97

FOR INDUSTRY GROUPS: 1954 TO 1956—Continued

1955			1956						STANDARD ERROR [4]		
All employees			All employees		Production workers						
Number	Payroll	Value added by manufacture [1]	Number	Payroll	Number	Man-hours	Wages	Value added by manufacture [1]	Total employment	Value added by manufacture [1]	
1,000	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*	*Percent*	*Percent*	
823	3,843	6,781	854	4,124	527	1,018	2,389	7,400	1	1	1
289	1,351	2,370	299	1,448	155	296	757	2,513	1	1	2
65	337	833	65	343	17	29	72	935	4	3	3
57	263	595	63	296	29	(5)	(5)	679	1	2	4
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)			5
205	932	1,447	212	1,011	168	331	746	1,587	2	2	6
80	394	618	81	419	62	124	289	678	1	1	7
20	68	135	21	76	14	27	44	147	9	8	8
38	137	210	42	150	37	67	117	238	2	3	9
50	281	403	51	208	39	77	217	436	2	3	10
747	3,599	10,941	760	3,889	517	1,045	2,279	11,592	1	1	11
120	626	1,671	119	657	81	166	399	1,825	1	1	12
251	1,273	3,983	263	1,414	188	376	905	4,045	1	1	13
91	443	1,499	93	474	57	114	227	1,711	1	1	14
48	233	895	47	249	28	51	117	955	2	1	15
72	351	940	73	366	45	91	190	979	1	1	16
7	28	72	7	27	6	13	21	71	5	3	17
32	115	249	30	120	23	49	81	238	2	3	18
38	150	387	39	162	29	65	110	414	2	3	19
87	381	1,275	90	421	60	121	229	1,354	1	2	20
183	1,001	2,714	184	1,083	136	271	744	3,098	1	1	21
151	849	2,376	154	931	114	226	645	2,764	1	1	22
22	98	227	20	94	16	33	68	217	3	4	23
10	54	112	11	58	6	13	31	118	2	7	24
265	1,257	2,259	265	1,260	211	415	931	2,295	1	1	25
99	548	1,021	98	529	78	150	404	1,025	1	1	26
20	73	112	22	83	19	37	68	131	1	1	27
3	16	30	3	16	3	6	12	26	3	8	28
143	620	1,097	142	633	111	222	447	1,112	1	1	29
366	1,102	1,765	367	1,149	329	607	939	1,850	1	1	30
43	177	304	41	172	37	72	141	279	1	1	31
5	21	42	5	22	4	7	14	46	4	4	32
22	62	96	22	63	19	35	50	101	6	4	33
234	664	1,033	236	705	214	390	592	1,125	1	1	34
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)			35
19	61	106	20	63	17	31	48	106	5	5	36
32	86	138	31	89	28	53	69	146	3	3	37
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)			38
525	2,178	4,532	536	2,345	450	911	1,815	4,883	1	1	39
26	160	346	27	166	23	49	144	319	2	1	40
94	386	732	97	419	84	166	340	805	1	1	41
23	104	238	24	106	20	40	84	236	2	2	42
41	179	594	41	195	36	74	158	660	1	1	43
78	300	520	81	330	72	144	263	530	2	3	44
54	193	302	54	209	48	90	167	323	3	3	45
99	382	858	102	418	81	172	301	1,019	2	2	46
22	82	136	22	85	19	38	66	137	2	3	47
87	391	806	87	417	67	138	293	853	1	2	48
1,274	6,418	12,786	1,319	6,893	1,109	2,195	5,444	13,403	1	1	49
636	3,336	6,976	661	3,556	559	1,069	2,868	7,201	1	1	50
232	1,072	1,645	238	1,143	207	420	926	1,779	2	1	51
56	266	816	59	306	48	100	237	914	2	1	52
18	83	193	18	89	14	28	58	174	3	6	53
99	494	1,090	103	537	82	169	397	1,118	1	1	54
82	378	573	82	394	70	141	306	596	2	2	55
151	790	1,493	158	867	129	269	653	1,622	1	2	56

No. 1023.—Manufactures—General Statistics

	Industry group	1954							
		Establishments, number	All employees		Production workers		Value added by manufacture [1]	Ratios	
			Number	Payroll	Number	Wages		Primary product specialization [2]	Coverage [3]
			1,000	*Mil. dol.*	*1,000*	*Mil. dol.*	*Mil. dol.*		
1	**Fabricated metal products**	22,516	1,019	4,397	821	3,174	7,596		
2	Tin cans and other tinware	227	55	245	48	202	482	0.98	0.99
3	Cutlery, tools, and hardware	1,930	144	600	118	444	1,044	.87	.90
4	Heating and plumbing equipment	1,220	106	451	83	317	828	.85	.86
5	Structural metal products	7,421	284	1,281	217	874	2,204	.92	.91
6	Metal stamping and coating	5,553	184	777	154	580	1,245	.85	(6)
7	Lighting fixtures	1,228	45	182	36	129	324	.90	.91
8	Fabricated wire products	1,352	63	254	52	189	431	.89	.57
9	Metal products, n. e. c.	3,585	139	606	113	439	1,038	.91	.81
10	**Machinery, except electrical**	25,601	1,542	7,191	1,171	4,980	12,339		
11	Engines and turbines	141	82	400	61	278	690	.88	.84
12	Tractors and farm machinery	1,360	139	602	106	424	1,050	.87	.92
13	Construction and mining machinery	971	109	510	80	328	901	.87	.85
14	Metalworking machinery	6,539	263	1,397	206	1,018	2,350	.92	.87
15	Special-industry machinery, n. e. c.	2,900	166	755	123	498	1,215	.87	.85
16	General industrial machinery	2,604	224	1,047	157	653	1,859	.85	.81
17	Office and store machines	409	101	456	82	337	774	.80	.96
18	Service and household machines	1,137	197	875	149	601	1,589	.85	.90
19	Miscellaneous machinery parts	9,540	261	1,150	209	843	1,910	.90	.88
20	**Electrical machinery**	5,758	959	3,951	722	2,646	7,403		
21	Electrical industrial apparatus	2,030	340	1,494	250	984	2,795	.88	.91
22	Electrical appliances	365	49	202	39	146	424	.76	.74
23	Insulated wire and cable	136	14	59	12	42	110	.96	.27

FOR INDUSTRY GROUPS: 1954 TO 1956—Continued

1955			1956						STANDARD ERROR [4]		
All employees			All employees		Production workers						
Number	Payroll	Value added by manufacture [1]	Number	Payroll	Number	Man-hours	Wages	Value added by manufacture [1]	Total employment	Value added by manufacture [1]	
1,000	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*	*Percent*	*Percent*	
1,094	4,863	8,404	1,102	5,127	881	1,774	3,669	8,934	1	1	1
55	256	563	55	278	48	99	230	609	1	1	2
156	681	1,246	150	682	121	244	495	1,218	1	1	3
111	492	882	110	499	84	163	343	910	1	1	4
299	1,366	2,196	317	1,535	241	487	1,031	2,595	4	3	5
199	855	1,390	198	882	164	331	657	1,416	1	1	6
55	214	365	55	220	44	88	159	382	8	5	7
67	287	493	66	296	55	110	218	514	2	2	8
152	711	1,270	151	735	123	252	535	1,290	1	1	9
1,605	7,816	13,138	1,718	8,902	1,309	2,718	6,159	14,968	1	1	10
82	415	708	85	466	63	132	321	781	1	1	11
153	697	1,195	154	713	118	226	501	1,251	1	1	12
123	614	1,088	143	737	106	220	490	1,336	2	2	13
262	1,432	2,231	288	1,742	229	512	1,275	2,792	2	1	14
168	800	1,282	183	933	136	284	613	1,473	1	1	15
228	1,122	1,953	241	1,263	169	350	791	2,186	1	1	16
107	502	823	116	602	89	190	418	903	1	1	17
208	955	1,758	212	1,002	160	315	680	1,792	1	1	18
274	1,277	2,100	295	1,445	239	490	1,069	2,456	1	1	19
1,001	4,314	7,740	1,081	4,915	817	1,621	3,268	8,697	1	1	20
351	1,603	2,837	392	1,902	292	587	1,252	3,432	1	1	21
51	215	484	58	246	47	84	175	538	3	4	22
16	67	141	20	100	16	38	73	193	1	1	23
54	245	418	49	227	40	79	165	388	1	1	24
22	83	262	24	96	21	41	77	275	1	1	25
467	1,929	3,280	497	2,166	371	730	1,405	3,560	1	1	26
41	171	318	41	177	31	61	120	312	5	5	27
1,812	9,403	16,625	1,792	9,702	1,357	2,797	6,740	16,175	1	1	28
832	4,390	9,422	739	3,857	608	1,241	3,029	8,030	1	1	29

No. 1024.—Manufactures—General

[1955 and 1956 based on sample and subject to

	STATE	1954							1955	
		Establishments, number	All employees		Production workers			Value added by manufacture [1]	All employees	
			Number	Payroll	Number	Man-hours	Wages		Number	Payroll
			1,000	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*
1	**U. S.**	286,817	16,126	65,977	12,373	24,341	44,595	116,913	16,819	72,126
2	**New England**	24,625	1,450	5,461	1,154	2,276	3,859	9,128	1,474	5,761
3	Maine	3,015	105	325	91	181	260	565	109	357
4	New Hampshire	1,609	77	247	66	128	191	409	80	267
5	Vermont	1,071	36	124	30	59	93	223	36	125
6	Massachusetts	11,205	687	2,582	536	1,047	1,769	4,356	700	2,718
7	Rhode Island	2,633	125	432	104	208	314	697	130	459
8	Connecticut	5,090	420	1,751	327	652	1,231	2,877	418	1,835
9	**Middle Atlantic**	82,380	4,291	17,873	3,212	6,217	11,525	30,402	4,375	18,888
10	New York	50,402	2,008	8,473	1,470	2,843	5,232	14,141	2,040	8,850
11	New Jersey	13,183	811	3,489	605	1,188	2,280	6,331	824	3,701
12	Pennsylvania	18,795	1,473	5,911	1,137	2,187	4,013	9,930	1,511	6,337
13	**E. N. Central**	58,946	4,605	20,926	3,490	6,964	14,265	36,501	4,886	23,525
14	Ohio	14,550	1,296	5,842	986	1,948	4,019	10,165	1,349	6,529
15	Indiana	6,355	588	2,532	458	902	1,797	4,625	631	2,893
16	Illinois	17,628	1,225	5,430	904	1,789	3,520	9,669	1,276	5,949
17	Michigan	12,711	1,057	5,252	809	1,655	3,661	8,707	1,165	6,087
18	Wisconsin	7,702	439	1,869	332	669	1,269	3,334	464	2,066
19	**W. N. Central**	19,020	964	3,863	713	1,426	2,573	7,114	978	4,080
20	Minnesota	5,027	209	865	151	305	560	1,595	212	920
21	Iowa	3,320	164	649	123	249	444	1,236	171	714
22	Missouri	6,198	382	1,500	285	553	977	2,727	386	1,581
23	North Dakota	367	6	19	4	8	13	35	6	20
24	South Dakota	546	12	41	8	18	28	78	11	44
25	Nebraska	1,423	60	228	43	90	151	394	63	246
26	Kansas	2,139	131	560	98	203	401	1,049	128	556
27	**South Atlantic**	30,530	1,779	5,703	1,466	2,848	4,072	10,658	1,874	6,319
28	Delaware	556	55	267	31	60	105	353	58	293
29	Maryland	3,253	255	1,002	196	384	675	1,889	266	1,107
30	Dist. of Columbia	484	22	97	12	22	45	157	22	103
31	Virginia	4,398	243	777	203	395	577	1,629	250	836
32	West Virginia	2,027	122	495	97	186	355	988	127	543
33	North Carolina	6,645	435	1,186	380	719	916	2,210	463	1,341
34	South Carolina	2,720	220	635	190	379	487	1,041	223	683
35	Georgia	5,655	303	855	260	503	643	1,592	329	974
36	Florida	4,792	124	389	97	198	271	798	135	439
37	**E. S. Central**	12,854	730	2,367	601	1,167	1,714	4,702	776	2,651
38	Kentucky	2,651	151	553	119	234	384	1,236	165	633
39	Tennessee	4,058	267	883	214	418	612	1,679	282	975
40	Alabama	3,893	220	690	188	358	529	1,319	231	775
41	Mississippi	2,252	91	241	80	157	189	468	98	268
42	**W. S. Central**	16,469	734	2,794	556	1,129	1,868	5,721	768	3,020
43	Arkansas	2,428	79	222	67	134	171	457	87	248
44	Louisiana	3,020	146	539	114	232	376	1,182	145	551
45	Oklahoma	2,131	89	364	61	123	212	581	95	390
46	Texas	8,890	419	1,669	314	640	1,109	3,502	440	1,823
47	**Mountain**	6,685	191	767	144	287	532	1,505	210	883
48	Montana	868	19	72	15	28	54	141	20	84
49	Idaho	981	24	91	20	39	72	182	26	103
50	Wyoming	328	6	27	5	9	19	51	6	28
51	Colorado	2,069	65	257	48	96	173	472	71	296
52	New Mexico	593	15	63	9	19	33	126	16	69
53	Arizona	817	26	111	20	42	81	192	32	140
54	Utah	852	30	121	23	45	82	276	32	137
55	Nevada	177	6	25	4	9	18	63	6	26
56	**Pacific**	35,308	1,382	6,224	1,035	2,027	4,186	11,184	1,479	6,999
57	Washington	4,929	194	855	149	281	595	1,549	206	960
58	Oregon	5,870	135	567	114	215	448	1,037	144	638
59	California	24,509	1,053	4,802	772	1,532	3,144	8,597	1,129	5,401

[1] Value of shipments less cost of materials, supplies, fuels, electric energy, and contract work.
[2] See Technical Note, p. 773, for explanation of standard error.

STATISTICS, BY STATES: 1954 TO 1956

sampling variation; see text, pp. 771 and 773]

1955—Continued			1956						STANDARD ERROR [2]		
Production workers		Value added by manufacture [1]	All employees		Production workers			Value added by manufacture [1]			
Number	Wages		Number	Payroll	Number	Man-hours	Wages		Total employment	Value added by manufacture	
1,000	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*	*1,000*	*Millions*	*Mil. dol.*	*Mil. dol.*	*Percent*	*Percent*	
12,957	**49,230**	**131,598**	**17,178**	**77,059**	**13,135**	**26,101**	**52,061**	**139,683**	**1**	**1**	1
1,173	**4,084**	**9,680**	**1,508**	**6,223**	**1,195**	**2,394**	**4,391**	**10,473**	**1**	**1**	2
96	292	597	111	380	98	197	317	658	3	3	3
68	206	461	81	283	68	135	215	495	1	2	4
30	93	232	38	144	32	64	108	248	2	2	5
546	1,861	4,586	714	2,904	556	1,094	1,985	4,884	1	1	6
109	334	743	129	474	107	214	346	803	2	2	7
324	1,297	3,062	435	2,030	335	691	1,421	3,385	1	1	8
3,275	**12,257**	**32,694**	**4,494**	**20,295**	**3,359**	**6,564**	**13,144**	**34,972**	**1**	**1**	9
1,491	5,464	14,732	2,078	9,403	1,517	2,961	5,779	15,562	1	1	10
616	2,429	6,872	849	3,988	631	1,249	2,592	7,392	1	1	11
1,167	4,363	11,090	1,567	6,904	1,211	2,353	4,772	12,018	1	1	12
3,745	**16,376**	**42,211**	**4,894**	**24,477**	**3,692**	**7,482**	**16,713**	**43,579**	**1**	**1**	13
1,036	4,596	11,730	1,380	6,983	1,048	2,123	4,854	12,372	1	1	14
499	2,089	5,377	619	2,965	481	957	2,088	5,498	1	1	15
947	3,905	10,760	1,325	6,444	978	1,970	4,212	11,694	1	1	16
909	4,365	10,691	1,087	5,831	819	1,686	4,019	10,067	1	1	17
354	1,420	3,653	482	2,254	366	745	1,540	3,949	1	1	18
725	**2,715**	**7,872**	**1,001**	**4,343**	**742**	**1,477**	**2,877**	**8,263**	**1**	**1**	19
154	594	1,762	225	1,004	163	329	647	1,912	2	1	20
129	489	1,387	172	762	131	262	515	1,482	1	1	21
288	1,033	3,021	394	1,680	293	574	1,095	3,135	1	1	22
4	13	40	6	22	4	9	14	49	2	4	23
8	30	85	12	47	9	19	33	91	4	3	24
46	164	445	65	261	47	96	173	504	2	3	25
95	391	1,132	128	568	94	189	399	1,090	1	1	26
1,553	**4,555**	**12,451**	**1,923**	**6,812**	**1,579**	**3,095**	**4,870**	**13,236**	**1**	**1**	27
34	123	419	58	297	33	65	123	376	2	2	28
204	742	2,059	277	1,218	207	411	803	2,223	1	1	29
12	49	170	22	107	12	23	50	180	1	1	30
208	619	1,827	255	889	212	416	654	1,807	1	1	31
102	399	1,110	132	588	106	205	432	1,207	1	1	32
404	1,038	2,554	473	1,448	410	801	1,110	2,742	1	1	33
199	541	1,329	225	711	199	396	562	1,386	1	1	34
284	738	1,937	337	1,054	289	555	789	2,093	1	1	35
107	307	1,036	144	500	112	223	346	1,130	2	2	36
640	**1,949**	**5,522**	**791**	**2,845**	**649**	**1,271**	**2,079**	**5,782**	**1**	**1**	37
132	456	1,537	168	679	136	260	487	1,636	1	1	38
226	685	1,931	288	1,046	228	452	730	1,986	1	1	39
197	600	1,504	233	829	197	388	636	1,589	2	2	40
84	209	551	102	291	87	171	226	571	2	3	41
580	**2,022**	**6,783**	**796**	**3,346**	**601**	**1,215**	**2,241**	**7,439**	**1**	**1**	42
73	186	585	92	272	76	146	203	619	4	4	43
114	386	1,399	144	587	112	227	410	1,494	1	1	44
65	240	644	98	427	67	136	258	727	1	2	45
328	1,210	4,156	462	2,060	346	706	1,370	4,600	1	1	46
161	**622**	**1,864**	**220**	**984**	**169**	**339**	**695**	**2,095**	**1**	**1**	47
17	65	208	21	95	17	34	74	243	4	3	48
22	83	198	27	115	24	47	93	205	3	5	49
5	20	51	7	30	5	10	21	61	2	1	50
53	202	587	74	327	55	112	221	643	2	1	51
10	36	119	17	78	11	21	41	133	5	10	52
25	103	234	35	163	28	58	121	278	5	3	53
24	94	386	33	152	26	51	106	430	2	1	54
4	19	83	5	24	4	8	17	102	2	2	55
1,106	**4,651**	**12,520**	**1,551**	**7,734**	**1,148**	**2,265**	**5,051**	**13,843**	**1**	**1**	56
159	672	1,762	213	1,051	162	312	720	1,942	1	1	57
122	494	1,150	143	663	122	227	509	1,145	2	3	58
825	3,485	9,608	1,195	6,020	864	1,725	3,822	10,755	1	1	59

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Vol. III, and *Annual Survey of Manufactures*.

No. 1025.—Manufactures—General Statistics for Standard Metropolitan Areas With 40,000 or More Manufacturing Employees: 1954 and 1956

[1956 based on sample and subject to sampling variation; see text, pp. 771 and 773. For definition of standard metropolitan area, see table 11, p. 15]

Standard metropolitan area	1954			1956						Standard error [2]	
	All employees		Value added by manufacture [1]	All employees		Production workers		Value added by manufacture [1]	Capital expenditures, new		
	Number	Payroll		Number	Payroll	Number	Wages				
				A	B	C	D	E	F	A	E
	1,000	*Mil. dol.*	*Mil. dol.*	*1,000*	*Mil. dol.*	*1,000*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Percent*	*Percent*
Akron (Ohio) area	91	421	619	92	490	63	302	726	56	1	1
Albany-Schenectady-Troy (N. Y.) area	86	403	585	84	425	50	225	603	43	1	1
Allentown-Bethlehem-Easton (Pa.) area	94	353	593	103	429	82	303	741	57	1	1
Atlanta (Ga.) area	80	295	552	90	374	69	240	727	50	1	1
Baltimore (Md.) area	191	792	1,547	208	974	151	628	1,814	237	1	1
Binghamton (N. Y.) area	42	165	269	43	191	30	122	286	20	1	1
Birmingham (Ala.) area	61	254	482	62	293	47	204	561	31	1	1
Boston (Mass.) area	287	1,143	1,972	296	1,267	218	810	2,140	87	1	1
Bridgeport (Conn.) area	68	294	510	73	352	54	241	611	29	2	1
Buffalo (N. Y.) area	203	947	1,678	211	1,082	161	761	1,916	143	1	1
Canton (Ohio) area	57	249	449	61	311	51	236	621	33	2	1
Chattanooga (Tenn.) area	43	145	277	47	175	38	129	334	17	2	2
Chicago (Ill.) area	983	4,514	7,893	1,050	5,312	766	3,438	9,455	760	1	1
Cincinnati (Ohio) area	155	692	1,319	165	813	117	501	1,547	85	1	1
Cleveland (Ohio) area	302	1,446	2,401	318	1,705	233	1,153	2,914	245	1	1
Columbus (Ohio) area	74	320	581	79	381	55	237	552	32	1	2
Dallas (Tex.) area	76	311	508	80	364	55	210	571	33	3	4
Dayton (Ohio) area	98	471	747	102	545	81	408	862	65	1	1
Denver (Colo.) area	43	177	314	48	219	34	138	433	38	2	2
Detroit (Mich.) area	590	3,117	4,713	583	3,361	417	2,223	5,531	487	1	1
Erie (Pa.) area	41	173	286	43	209	33	147	331	17	2	2
Flint (Mich.) area	75	388	714	78	412	65	329	746	165	1	1
Fort Worth (Tex.) area	49	213	368	57	271	44	200	424	19	1	4
Grand Rapids (Mich.) area	52	245	454	54	264	43	194	469	30	2	1
Hartford (Conn.) area	77	344	530	79	395	58	262	634	36	1	1
Houston (Tex.) area	79	372	869	85	454	62	288	1,148	119	2	2
Indianapolis (Ind.) area	103	469	845	113	570	82	363	1,012	78	1	1
Kansas City (Mo.) area	118	516	1,040	110	501	76	311	1,019	67	1	1
Lancaster (Pa.) area	44	158	289	45	178	36	124	333	24	2	1
Los Angeles-Long Beach (Calif.) area	647	2,983	5,042	737	3,659	528	2,343	6,577	376	1	1
Louisville (Ky.) area	89	376	845	101	460	78	320	1,093	74	1	1
Memphis (Tenn.) area	43	157	336	47	191	36	126	409	22	4	2
Milwaukee (Wis.) area	180	837	1,440	199	1,040	142	671	1,745	91	1	1
Minneapolis - St. Paul (Minn.) area	139	610	1,081	148	698	102	422	1,253	52	2	2
New Britain-Bristol (Conn.) area	44	179	273	48	214	38	162	323	22	3	3
New Haven (Conn.) area	47	183	299	45	205	35	138	337	16	2	3
New Orleans (La.) area	54	196	375	51	209	39	139	454	50	1	1
New York-Northeastern New Jersey area	1,833	7,780	13,116	1,904	8,590	1,386	5,182	14,589	578	1	1
Peoria (Ill.) area	41	186	362	48	236	35	162	507	28	1	1
Philadelphia (Pa.) area	564	2,403	4,024	570	2,629	424	1,710	4,667	320	1	1

No. 1026.—Percent of Total Employment by Large Manufacturing Companies in Selected Industries: 1951 and 1954

[First 30 industries as determined by 1954 employment. See headnote, table 1027. 1951 figures based on sample survey and not shown when estimate did not meet publication standards]

Industry code	Industry and year	Number of companies	Employment [1] (1,000)	Percent of total employment accounted for by—			Primary product specialization ratio [2]	Coverage ratio [3]
				4 largest companies	8 largest companies	20 largest companies		
3717	Motor vehicles and parts.....1951	(4)	721	58	86	(4)	(4)	(4)

No. 1027.—Percent of Total Shipments Made by Large Manufacturing Companies in Selected Industries: 1947 and 1954

[First 45 industries as determined by value of shipments in 1954. A "company" comprises all manufacturing establishments owned by the company plus those of subsidiaries or affiliates over which the company has acknowledged control. Percents were computed by adding together all establishments classified in the specified industry under common ownership; selecting the largest 4, largest 8, and largest 20 companies in each industry on basis of value of shipments of all products made by these establishments; and using these values

No. 1027.—Percent of Total Shipments Made by Large Manufacturing Companies in Selected Industries: 1947 and 1954—Continued

Industry code	Industry and census year	Number of companies	Value of shipments [1] ($1,000)	Percent of total value of shipments accounted for by—			Primary product specialization ratio [2]	Coverage ratio [3]
				4 largest companies	8 largest companies	20 largest companies		
2834	Pharmaceutical preparations	1947	1,123	941,290	28	44	64	0.91	0.98
		1954	1,128	1,643,140	25	44	68	.91	.94
2111	Cigarettes	1947	19	1,131,891	90	99+	100	.96	1.00
		1954	12	1,640,950	82	99+	100	.99	1.00
2611	Pulp mills	1947	132	939,604	28	39	59	.99	1.00
		1954	141	1,577,291	29	42	61	.99	1.00
2851	Paints and varnishes	1947	1,154	1,248,841	27	36	48	.94	.96
		1954	1,337	1,494,399	27	37	50	.95	.97
2333	Dresses, unit price	1947	4,165	1,359,030	3	5	9	.95	.97
		1954	4,072	1,455,080	4	7	12	.96	.95
2721	Periodicals	1947	2,106	1,059,566	34	43	58	.94	.98
		1954	2,012	1,440,961	29	40	54	.95	.97
2699	Paper and board products, n. e. c.	1947	676	786,917	15	25	43	.86	.86
		1954	770	1,427,622	25	39	58	.90	.89
3321	Gray-iron foundries [16]	1947	1,554	1,173,039	16	24	35	.92	.87
		1954	1,321	1,418,947	26	34	46	.94	.87
2013	Prepared meats [17]	1947	(11)	4,234,758	(11)	(11)	(11)	(11)	(11)

No. 1028.—Manufactures—Selected Statistics, by Size of Establishment, for Major Industry Groups: 1955

[**Employee figures in thousands; value added figures in millions of dollars.** Operating manufacturing establishments only. Based on sample and subject to sampling variation; see text, pp. 771 and 773. Value added represents value of shipments less cost of materials, supplies, fuel, electric energy, and contract work]

Major industry group and item	Total, all establishments	Establishments with average of—					Standard error [1] (percent)				
		1 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more					
	A	B	C	D	E	F	A	B	C	D	E
All industries:											
Establishments	283,047	255,684	16,032	6,363	2,862	2,106	1	1	2	1	1
Employees	16,344	4,181	2,483	2,205	1,977	5,499					
Value added by manufacture	131,598	26,894	18,324	17,478	16,856	52,046					
Food and kindred products:											
Establishments	42,205	38,627	2,501	717	245	115	1	1	2	----	----
Employees	1,675	651	380	245	169	230	1	2	2	----	----
Value added by manufacture	14,366	4,828	3,338	2,315	1,695	2,190					
Tobacco manufactures:											
Establishments	560	(2)	84	46	25	20	12	----	12	1	----
Employees	96	(2)	14	16	16	(3)	2	----	10	7	----
Value added by manufacture	1,079	(2)	64	105	89	(3)					
Textile mill products:											
Establishments	7,905	5,618	(2)	641	330	151	2	3	----	----	----
Employees	1,059	156	187	226	227	262	1	6	4	----	----
Value added by manufacture	5,291	805	951	1,125	1,151	1,260					
Apparel and related products:											
Establishments	31,181	28,384	2,035	582	150	30	1	1	6	7	1
Employees	1,248	598	307	196	98	(3)	1	4	6	6	5
Value added by manufacture	5,473	2,862	1,192	766	409	(3)					
Lumber and wood products:											
Establishments	39,163	37,992	868	223	66	14	3	3	4	----	----
Employees	693	426	130	75	44	(3)	1	2	3	----	----
Value added by manufacture	3,650	1,975	752	495	285	(3)					
Furniture and fixtures:											
Establishments	10,156	9,385	517	172	61	21	2	2	1	----	----
Employees	366	155	79	59	39	(3)	1	3	3	----	----
Value added by manufacture	2,237	876	468	383	271	(3)					
Pulp, paper, and products:											
Establishments	4,919	3,539	830	342	146	62	2	2	4	----	----
Employees	549	100	130	118	96	105	1	6	3	----	----
Value added by manufacture	5,082	680	1,136	1,104	1,051	1,112					
Printing and publishing:											
Establishments	32,710	31,360	885	267	102	96	2	2	12	13	1
Employees	823	348	140	93	73	170	1	6	11	12	2
Value added by manufacture	6,781	2,412	1,256	815	668	1,630					

No. 1028.—Manufactures—Selected Statistics, by Size of Establishment, for Major Industry Groups: 1955—Continued

[Employee figures in thousands; value added figures in millions of dollars]

Major industry group and item	Total all establishments	Establishments with average of—					Standard error[1] (percent)				
		1 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 employees or more					
	A	B	C	D	E	F	A	B	C	D	E
All industries—Continued											
Rubber products:											
Establishments	1,390	1,087	123	69	52	59	4	4	1	----	----
Employees	265	25	20	24	38	158	1	4	2	----	----
Value added by manufacture	2,259	199	158	186	293	1,422					
Leather and leather goods:											
Establishments	4,712	3,715	542	356	89	10	4	5	1	----	----
Employees	366	82	86	124	58	[3]	1	4	2	----	----
Value added by manufacture	1,765	376	398	611	290	[3]					
Stone, clay, and glass products:											
Establishments	10,953	9,858	651	287	96	61	2	2	4	----	----
Employees	525	154	103	97	65	106	1	3	4	----	----
Value added by manufacture	4,532	1,064	922	935	564	1,048					
Primary metal industries:											
Establishments	5,833	4,344	637	408	218	226	2	2	6	----	----
Employees	1,274	114	100	144	155	761	1	5	4	----	----
Value added by manufacture	12,786	783	879	1,350	1,590	8,185					
Fabricated metal products:											
Establishments	22,682	20,557	1,271	507	239	108	1	1	3	----	----
Employees	1,094	358	196	175	166	198	2	4	2	----	----
Value added by manufacture	8,404	2,420	1,493	1,479	1,389	1,623					
Machinery, except electrical:											
Establishments	25,059	22,697	1,210	537	334	281	2	2	3	----	----
Employees	1,605	349	192	188	234	641	1	3	3	----	----
Value added by manufacture	13,138	2,620	1,632	1,582	1,938	5,366					
Electrical machinery:											
Establishments	5,663	4,282	589	353	220	219	3	3	5	----	----
Employees	1,001	106	93	122	154	525	1	5	4	----	----
Value added by manufacture	7,740	637	631	908	1,352	4,212					
Transportation equipment:											
Establishments	5,430	4,278	432	221	162	337	2	2	8	1	----
Employees	1,812	67	67	80	114	1,485	1	8	5	4	----
Value added by manufacture	16,625	429	480	554	948	14,214					
Instruments and related products:											
Establishments	3,267	2,887	177	91	51	61	5	6	8	----	----
Employees	283	39	28	32	37	147	1	8	5	----	----
Value added by manufacture	2,280	265	206	258	283	1,268					
Miscellaneous manufactures: [4]											
Establishments	17,072	15,913	740	227	117	75	2	2	5	----	----
Employees	682	254	110	79	81	158	1	3	4	----	----
Value added by manufacture	4,455	1,556	671	548	541	1,139					

[1] See Technical Note, p. 773, for explanation of standard error.
[2] Withheld because the estimate did not meet publication standards.
[3] Withheld to avoid disclosing figures for individual companies.
[4] Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures.*

No. 1029.—Cost of Fuels Consumed and Purchased Electric Energy by Major Industry Groups: 1954 to 1956

No. 1031.—Manufactures—Expenditures for New Plant and Equipment, by States: 1955 and 1956

[In thousands of dollars. See headnote, table 1030]

State	1955			1956			Standard error [1] (percent)	
	Total expenditures	New structures and additions to plant	New machinery and equipment	Total expenditures	New structures and additions to plant	New machinery and equipment		
	A	B	C	A	B	C	A	B
United States	8,234,542	2,425,493	5,809,049	11,234,581	3,471,488	7,763,093	1	1
New England	470,682	105,121	365,561	573,958	149,742	424,216	2	6
Maine	[2] 54,333	[2] 9,259	[2] 45,074	50,172	11,175	38,997	6	16
New Hampshire	21,029	2,941	18,088	35,823	7,162	28,661	5	17
Vermont	9,940	1,891	8,049	11,667	(3)	(3)	13	-------
Massachusetts	[2] 195,004	[2] 37,548	[2] 157,456	[2] 228,810	[2] 51,732	[2] 177,078	3	5
Rhode Island	[2] 30,658	(3)	(3)	38,225	(3)	(3)	13	-------
Connecticut	149,913	41,109	108,804	[2] 190,501	[2] 61,247	[2] 129,254	5	9
Middle Atlantic	1,584,338	428,433	1,155,905	2,041,246	622,530	1,418,716	2	3
New York	548,906	112,776	436,130	693,183	168,091	525,092	3	5
New Jersey	370,741	87,371	283,370	491,716	149,911	341,805	3	9
Pennsylvania	664,691	228,286	436,405	856,347	304,528	551,819	3	4
East North Central	2,670,025	761,903	1,908,122	3,742,254	1,073,796	2,668,458	1	4
Ohio	679,536	186,502	493,034	1,053,550	272,786	780,764	2	4
Indiana	448,807	180,563	268,244	[2] 586,102	[2] 205,861	[2] 380,241	2	2
Illinois	562,349	171,701	390,648	822,330	292,763	529,567	3	4
Michigan	805,804	196,513	609,291	1,014,855	232,298	782,557	3	7
Wisconsin	173,529	26,624	146,905	[2] 224,031	(3)	(3)	11	-------
West North Central	406,220	149,689	256,531	535,567	196,613	338,954	3	6
Minnesota	[2] 79,327	[2] 31,891	[2] 47,436	98,658	35,865	62,793	9	10
Iowa	[2] 76,264	[2] 27,908	[2] 48,356	131,670	46,365	85,305	4	8
Missouri	[2] 144,393	[2] 39,805	[2] 104,588	166,351	44,835	121,516	6	18
North Dakota	13,924	13,140	784	14,451	13,646	805	15	4
South Dakota	(3)	(3)	(3)	(3)	(3)	(3)	-------	-------
Nebraska	20,889	7,716	13,173	[2] 31,279	11,721	[2] 19,558	17	18
Kansas	[2] 64,538	[2] 26,446	[2] 38,093	[2] 89,407	[2] 43,417	[2] 45,990	5	6
South Atlantic	1,090,925	341,329	749,596	1,503,669	504,526	999,143	3	6
Delaware	[2] 22,634	(3)	(3)	[2] 150,401	(3)	(3)	18	-------
Maryland	[2] 177,629	[2] 61,254	[2] 116,374	[2] 320,024	[2] 124,475	[2] 195,549	7	11
Dist. of Columbia	7,037	2,620	4,417	[2] 7,544	[2] 1,955	[2] 5,589	5	2
Virginia	153,550	46,180	107,370	175,744	36,335	139,409	12	12
West Virginia	135,493	33,826	101,667	[2] 197,396	[2] 53,685	[2] 143,711	2	2
North Carolina	171,664	48,261	123,403	194,539	47,487	147,052	4	12
South Carolina	[2] 83,221	[2] 13,965	[2] 69,256	101,970	24,813	77,157	6	30
Georgia	196,161	52,857	143,304	232,016	55,474	176,542	5	14
Florida	80,343	18,824	61,519	117,004	(3)	(3)	23	-------
East South Central	348,637	82,379	266,258	597,633	160,832	436,801	5	12
Kentucky	95,465	14,016	81,449	119,495	31,069	88,426	4	22
Tennessee	120,931	29,093	91,838	203,681	(3)	(3)	11	-------
Alabama	[2] 95,302	[2] 26,141	[2] 69,161	239,451	63,095	176,356	5	5
Mississippi	[2] 33,100	[2] 11,833	[2] 21,267	35,006	12,321	22,685	5	4

No. 1032.—Value of Manufacturers' Inventories, by Major Industry Groups: 1954 to 1956

[**In millions of dollars.** As of end of year. For 1954, small establishments (usually those with less than 6 employees) reported only their total beginning and end-of-year inventories. Their detailed inventory (or expenditure) figures were derived by prorating on basis of 1954 industry averages to obtain figures representing all establishments for 1954. Data for 1955 and 1956 based on sample and subject to sampling variation; see text, pp. 771 and 773]

Major industry group	1954				1955				1956				Standard error [1] (percent)	
	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.	Total	Finished products	Work in process	Materials, supplies, fuels, etc.		
	A	B	C	D	E	F	G	H	E	F	G	H	E	F
All industries	**40,341**	**13,541**	**11,881**	**14,919**	**43,715**	**14,046**	**12,983**	**16,683**	**49,091**	**16,030**	**14,651**	**18,410**	**1**	**1**
Food and kindred products	4,670	[2] 2,723	[2] 211	1,736	4,737	[2] 2,769	[2] 231	1,737	5,139	[2] 2,979	[2] 284	1,875	1	1
Tobacco manufactures	1,702	653	29	1,020	1,712	667	27	1,018	1,718	659	32	1,028	3	1
Textile mill products	2,147	784	575	788	2,184	757	595	832	2,315	880	598	837	1	1
Apparel and related products	1,464	629	260	574	1,617	681	311	625	1,726	756	314	656	1	1
Lumber and wood products	1,143	516	227	400	1,205	535	237	432	1,366	605	280	480	1	2
Furniture and fixtures	582	165	138	279	664	179	158	327	715	194	169	353	1	2
Pulp, paper, and products	1,091	299	104	688	1,179	309	122	749	1,367	362	138	867	1	1
Printing and publishing	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]		
Chemicals and products	2,853	1,179	407	1,267	3,031	1,207	412	1,410	3,321	1,397	443	1,481	1	2
Petroleum and coal products	1,430	818	273	339	1,481	842	278	361	1,673	997	295	381	1	1
Rubber products	590	290	93	207	692	329	107	256	734	400	109	226	1	1
Leather and leather goods	489	167	121	201	508	164	126	218	528	184	127	217	1	2
Stone, clay, and glass products	806	353	100	353	878	381	114	384	1,013	455	129	429	1	2
Primary metal industries	3,648	936	1,067	1,645	4,118	927	1,228	1,963	4,926	1,133	1,425	2,368	1	1
Fabricated metal products	2,482	648	745	1,089	2,943	742	869	1,332	3,348	845	975	1,528	1	1
Machinery, except electrical	4,698	1,548	1,798	1,352	5,345	1,611	2,103	1,631	6,433	1,963	2,553	1,916	1	1
Electrical machinery	2,472	608	1,114	749	2,763	624	1,253	886	3,209	783	1,424	1,003	1	2
Transportation equipment	5,474	453	3,620	1,402	6,066	570	3,856	1,640	6,908	640	4,384	1,883	1	1
Instruments and related products	747	187	370	190	798	190	395	212	896	223	439	233	1	3
Miscellaneous manufactures [4]	1,853	586	627	639	1,795	562	562	671	1,756	576	533	647	2	3

[1] See Technical Note, p. 773, for explanation of standard error.
[2] Work in process for "Meat packing" and "Prepared meats" included in finished products.
[3] Data not collected.
[4] Includes privately owned and/or operated establishments classified in "Ordnance and accessories."

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Manufactures: 1954*, Vol. I, and *Annual Survey of Manufactures.*

cturing]	Water required if none recirculated or reused
	21,906
	1,248
	11
	307
	(?)
	165
	8
	4,129
	19
	5,004
	4,515
	170
	22
	563
	4,654
	275
	183
	142
	353
	54
	94

No. 1034.—Canned Fruit and Vegetable Products—Annual Production: 1946–47 to 1957–58

[In millions of standard cases except as noted. Data are for pack years and are partly estimated]

PRODUCT	1946–1947	1947–1948	1948–1949	1949–1950	1950–1951	1951–1952	1952–1953	1953–1954	1954–1955	1955–1956	1956–1957	1957–1958
Fruits [1]	82.9	66.2	65.1	69.6	74.2	81.5	75.5	78.3	81.4	90.5	96:1	(2)
Apples	4.0	2.1	1.6	3.9	4.9	3.1	2.4	2.7	4.3	3.3	3.6	3.4
Applesauce	6.2	4.5	3.4	5.9	8.3	5.5	5.5	7.0	9.4	8.3	9.5	8.9
Apricots	10.7	3.3	4.8	2.4	3.7	4.6	4.0	4.8	2.8	5.9	4.2	4.2
Berries	0.8	1.0	1.8	2.0	1.3	1.7	1.4	1.4	1.4	1.1	1.0	1.3
Cherries, red, pitted	2.4	1.8	2.7	2.6	3.8	3.6	2.9	2.8	2.3	3.5	1.8	2.6
Cherries, other	1.8	0.6	0.8	1.7	0.7	0.9	1.3	1.1	1.0	1.4	0.7	1.0
Cranberries	3.2	2.2	1.3	1.8	2.5	2.7	2.5	2.8	3.0	3.1	3.1	3.0
Figs	1.2	0.8	0.6	0.3	0.5	0.7	0.8	0.5	0.5	0.6	0.6	0.5
Grapefruit	4.0	2.3	3.1	2.4	3.2	2.4	2.6	3.0	3.6	3.3	3.1	(2)
Mixed fruits	8.9	10.2	11.0	7.6	8.2	10.0	8.3	9.2	10.0	10.9	12.2	11.7
Peaches	20.0	19.0	17.4	19.1	16.6	22.8	19.3	21.1	18.5	22.5	27.9	23.9
Pears	5.2	5.7	4.0	5.9	6.4	6.6	6.6	5.8	7.8	8.3	8.9	8.6
Pineapple [3]	8.4	9.4	10.8	10.8	11.3	12.2	14.6	13.4	13.1	14.7	14.6	13.5
Plums and prunes	4.2	2.3	0.9	1.8	1.0	2.4	1.6	1.4	1.7	1.7	2.3	1.1
Olives, ripe	1.9	1.0	0.9	1.4	1.8	2.3	1.7	1.3	2.0	1.9	2.6	2.0
Juices [4]	110.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Apple	4.4	1.4	1.1	2.7	3.4	3.0	3.1	3.0	4.1	3.4	4.0	4.4
Apricot, peach, pear	1.5	1.5	1.6	1.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Grape	3.4	3.4	3.5	2.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Grapefruit	17.6	17.5	14.3	12.2	18.3	9.2	11.6	16.0	12.0	13.8	14.2	(2)
Lemon	0.4	0.5	0.4	0.6	0.4	0.4	0.7	0.3	0.5	0.7	0.6	(2)
Orange	19.7	27.3	19.3	19.5	22.5	20.9	18.9	18.6	18.1	16.6	17.6	(2)
Orange-grapefruit	11.0	12.4	10.8	7.4	9.4	6.6	6.1	6.5	5.1	5.4	5.3	(2)
Pineapple [3]	9.0	9.9	11.5	12.0	13.7	12.2	16.9	16.4	16.0	16.2	16.7	12.5
Prune	4.0	3.9	4.0	5.4	4.5	4.0	(2)	(2)	(2)	(2)	(2)	(2)
Other fruit	3.5	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Tomato	29.2	19.5	27.8	23.5	26.2	36.2	35.8	37.8	27.1	26.9	43.6	32.6
Other vegetable	6.3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Seasonal vegetables [4]	(2)	(2)	(2)	(2)	124.3	149.2	139.8	140.7	135.0	136.9	159.0	150.0
Asparagus	4.6	3.8	3.6	4.4	4.5	4.8	4.4	4.0	5.0	6.2	5.4	5.9
Beans, green and wax	18.3	13.1	15.2	20.6	21.0	19.4	16.3	22.6	27.1	23.4	24.0	26.2
Beans, lima	1.7	2.2	2.5	4.4	3.2	3.0	2.3	3.1	3.5	2.8	3.4	2.5
Beets	7.0	3.4	4.4	7.3	8.2	7.5	6.7	8.6	7.1	7.5	9.7	8.4
Carrots	3.7	1.0	3.1	1.8	1.9	2.2	2.8	2.7	2.1	1.8	3.1	2.4
Corn	31.0	26.1	31.5	29.8	18.2	25.6	32.3	31.0	30.6	24.1	35.7	31.5
Greens, leafy	1.5	0.9	1.7	2.5	2.0	2.8	2.9	2.3	2.1	2.5	2.2	2.1
Mixed vegetables	(2)	(2)	(2)	(2)	2.4	1.9	2.0	1.8	1.7	1.7	1.7	1.4
Peas, field	(2)	(2)	(2)	1.1	1.7	1.4	1.5	2.0	1.3	1.8	0.9	1.4
Peas, green	40.9	33.1	23.4	23.5	29.1	33.9	26.5	28.0	24.0	27.4	29.2	33.9
Pimientos	0.6	0.5	0.5	0.6	1.2	0.4	0.3	1.0	0.7	1.0	0.3	0.4
Pumpkin and squash	4.6	3.4	1.8	1.1	2.2	4.4	5.4	3.0	2.1	4.2	5.1	3.3
Spinach	8.4	3.9	5.0	6.7	5.6	7.6	6.1	5.4	4.0	6.0	6.4	6.3
Tomatoes	23.9	27.7	24.4	21.5	21.1	31.8	28.0	22.3	21.8	24.7	29.9	21.7
Other vegetable packs [5]	(2)	(2)	(2)	(2)	2.0	2.5	2.3	2.9	1.9	1.8	2.0	2.6
Nonseasonal vegetables [4]	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Beans, all dry varieties	35.0	37.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hominy	(2)	4.3	4.5	4.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Mushrooms	0.5	0.9	0.6	0.7	0.6	0.6	0.7	(2)	(2)	(2)	(2)	(2)
Sauerkraut	8.3	4.2	6.5	7.8	8.9	7.2	7.1	8.2	8.1	7.6	8.1	(2)
Spaghetti and macaroni	(2)	6.2	(2)	(2)	8.7	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Sweet potatoes	4.2	1.7	1.8	3.1	4.3	3.2	5.0	4.9	4.1	5.1	5.1	5.3
Soups	43.0	43.5	42.0	41.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
White potatoes	(2)	0.9	1.6	1.5	1.6	1.3	2.6	2.8	1.7	2.7	2.9	3.2
Tomato products [4]	45.0	35.7	25.4	21.8	26.0	46.9	37.2	30.3	31.4	41.3	55.1	39.2
Catsup and chili sauce	13.0	16.9	13.2	8.7	11.7	19.8	15.5	15.2	14.4	18.4	24.7	18.2
Paste and sauce	16.2	12.9	8.5	9.0	10.3	19.4	17.0	11.5	13.8	18.6	24.2	16.4
Pulp and puree	15.8	5.9	3.7	4.1	4.0	7.7	4.7	3.6	3.2	4.3	6.2	4.6
Canned baby foods [6]	120.2	90.0	126.7	122.1	130.2	119.6	134.1	156.4	160.6	157.4	160.7	(2)
Desserts	10.6	7.2	10.1	8.5	9.3	9.9	12.1	14.4	14.7	21.0	19.1	(2)
Fruits	45.0	34.8	41.6	49.6	49.3	44.9	49.4	61.1	63.1	54.3	58.4	(2)
Meat compounds	36.8	24.7	38.0	36.1	40.4	36.4	43.2	47.5	49.0	50.5	53.4	(2)
Vegetables	27.8	23.3	37.0	27.9	31.2	28.4	29.4	33.4	33.8	31.6	29.8	(2)

[1] Basis 24 No. 2½ cans. [2] Not available.
[3] Hawaiian pack plus receipts from Puerto Rico. 1951–57 represents Hawaiian pack and foreign operations.
[4] Basis 24 No. 2 cans.
[5] Succotash, triple succotash, carrots and peas, okra, okra and tomatoes.
[6] Basis dozen cans.

Source: National Canners Association, Washington, D. C.; *Canned Food Pack Statistics*, and records.

No. 1035.—Canned Vegetables, Fruits, Juices, and Fish—Canners' Carryover, Pack, Total Supply, and Shipments: 1955–1956 to 1957–1958

[In thousands of actual cases]

Commodity	Season beginning date	Total supply		1957–1958 season			Shipments from season date to—	
		1955–1956	1956–1957	Total supply	Carryover	Pack	Jan. 1, 1957	Jan. 1, 1958
Vegetables:								
Asparagus	Mar. 1	7,738	8,048	8,613	1,844	6,769	5,214	5,652
Beans, green and wax	July 1	28,181	30,397	31,075	4,708	[1] 26,367	12,797	12,592
Beans, lima	Aug. 1	4,149	4,805	3,986	1,247	2,739	[2]	[2]
Beets	July 1	9,689	11,980	11,728	3,014	[1] 8,714	5,005	4,438
Carrots	July 1	2,643	3,468	3,192	1,039	[1] 2,153	1,314	1,254
Corn	Aug. 1	34,530	44,391	43,149	5,632	37,517	17,720	15,989
Peas	June 1	33,096	35,152	41,708	3,901	37,807	18,860	19,604
Pumpkin and squash	July 1	3,763	4,613	4,201	1,357	2,844	[3] 2,734	[3] 2,763
Sauerkraut [4]	Aug. 1	6,740	8,160	7,411	2,710	[1] 4,701	2,538	2,521
Spinach	Mar. 1	[5] 5,829	[5] 6,282	[2]	1,603	[2]	[2]	[2]
Tomatoes	July 1	25,442	30,395	24,771	5,379	[1] 19,392	13,365	13,443
Tomato catsup and chili sauce	July 1	28,478	36,903	34,516	8,229	26,287	14,123	12,611
Tomato paste [6]	July 1	7,082	10,010	8,382	1,812	6,570	5,732	4,255
Tomato puree (pulp) [6]	July 1	2,200	3,036	3,154	837	2,317	1,186	1,280
Tomato sauce [6]	July 1	8,222	10,164	9,321	3,292	6,029	2,853	4,175
Fruits:								
Apples [7]	Sept. 1	4,625	4,614	4,260	963	[1] 3,297	1,351	1,248
Applesauce	Sept. 1	15,901	16,464	14,996	2,358	[1] 12,638	4,845	5,248
Apricots	June 1	7,497	6,597	6,338	1,218	5,120	[2]	[3] 2,783
Cherries, red, pitted	July 1	5,027	3,104	3,805	201	3,604	1,639	2,125
Cherries, sweet	June 1	2,463	1,681	1,661	158	1,503	[2]	[8] 558
Fruit cocktail [9]	June 1	16,727	19,359	19,815	3,479	16,336	6,068	[8] 6,079
Grapefruit segments [10]	Oct. 1	6,369	5,651	3,735	730	[1] 3,005	971	882
Peaches	June 1	27,329	34,872	35,183	7,047	28,136	[2]	[8] 15,197
Pears	June 1	12,559	13,336	13,712	3,323	10,389	[2]	[8] 4,271
Pineapple [11]	June 1	5,750	25,984	21,433	6,619	[1] 14,814	10,509	10,622
Plums [12]	June 1	2,263	2,929	1,925	891	1,034	1,108	985
Juices:								
Citrus blends [10]	Oct. 1	4,604	4,686	2,037	460	[1] 1,577	764	1,059
Grapefruit [10]	Oct. 1	12,647	12,860	3,840	1,750	[1] 2,090	1,965	2,332
Orange [10]	Oct. 1	17,378	20,169	10,739	1,631	[1] 9,108	3,184	3,618
Pineapple [11]	June 1	19,604	19,466	15,049	5,066	[1] 9,983	7,927	6,200
Tomato [13]	July 1	29,039	40,029	37,560	9,077	28,483	14,356	15,069
Fish:								
Maine sardines [14]	Apr. 15	1,945	2,342	2,543	426	2,117	1,463	1,432

[1] Pack to January 1, 1958.
[2] Not available.
[3] Shipments to December 1.
[4] Pack of sauerkraut converted to cases by using a factor of 10 cases of 24/2–1/2's per barrel (of 45 gallons).
[5] Pack only.
[6] Covers California only.
[7] Basis 6/10's.
[8] Shipment figures are in standard cases.
[9] Includes fruits for salad and mixed fruits (except citrus).
[10] Covers Florida only.
[11] Covers Hawaii and the Philippines.
[12] Covers purple plums only.
[13] Includes vegetable juice combinations containing at least 70 percent tomato juice.
[14] Measured in 100-can cases.

Source: Department of Commerce, Bureau of the Census; *Canned Food Report.*

No. 1036.—Denatured Alcohol: 1920 to 1957

[For years ending June 30. Includes data for Hawaii for all years and for Puerto Rico beginning 1930]

YEAR	Alcohol produced at industrial alcohol plants	Denaturing plants operated	SPECIALLY DENATURED ALCOHOL DEALERS AND USERS		Ethyl alcohol used for denaturation [1]	DENATURED ALCOHOL PRODUCED [2]		
			Dealers operating	Manufacturers operating		Total	Completely denatured	Specially denatured
	1,000 proof gallons				*1,000 proof gallons*	*1,000 wine gallons*	*1,000 wine gallons*	*1,000 wine gallons*
1920	18,934	52	57	1,395	45,641	28,836	13,528	15,308
1925	166,166	91	118	4,759	152,254	81,808	46,984	34,824
1930	193,824	68	81	4,306	185,001	106,777	59,064	47,713
1935	180,646	39	71	4,279	165,234	97,031	38,747	58,284
1940	243,728	40	52	4,283	225,161	126,762	15,352	111,410
1945	650,090	65	38	4,061	971,447	527,096	33,088	494,008
1950	313,535	46	35	4,176	322,837	174,674	4,414	170,260
1951	444,935	48	36	4,128	456,000	245,437	1,439	243,999
1952	467,390	55	34	4,083	489,789	262,493	993	261,500
1953	484,990	53	34	4,052	444,845	239,829	627	239,202
1954	378,499	45	34	4,016	386,229	208,596	625	207,970
1955	411,840	46	35	3,939	395,334	213,229	575	212,654
1956	485,484	42	35	3,972	498,614	268,226	673	267,554
1957	425,418	47	36	3,930	436,469	235,291	539	234,752

[1] Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1945, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1935 and 1940 because denatured rum is included with specially denatured alcohol for those years. [2] Prior to 1945 includes denatured rum.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

No. 1037.—Alcoholic Beverages—Production, Tax-Paid Withdrawals, and Stocks: 1940 to 1957

[For years ending June 30. Includes data for Alaska and Hawaii. See also *Historical Statistics, 1789–1945*, series J 172, for production of fermented malt liquor]

CLASS	Unit	1940	1945	1950	1955	1956	1957

No. 1038.—Ethyl Alcohol and Distilled Spirits—Materials Used in Production, by Kinds: 1931 to 1957

[Excludes materials used at fruit distilleries in production of brandy and spirits-fruit. For years ending June 30]

YEARLY AVERAGE OR YEAR	Molasses	GRAIN [1]				Ethyl sulphate	Products used in redistillation	Other materials [3]	
		Corn	Malt	Rye	Other [2]				
	1,000 gal.	*1,000 lb.*	*1,000 lb.*	*1,000 lb.*	*1,000 lb.*	*1,000 gal.*	*1,000 proof gal.*	*1,000 gal.*	*1,000 lb.*
1931-1935	167,264	480,276	101,183	245,457	5,252	10,686	[4]	14,473	26,606
1936-1940	183,214	1,398,797	267,247	466,285	3,179	31,530	[4]	15,518	3,195
1941-1945	240,247	1,652,322	562,455	348,848	3,069,179	77,809	[5] 51,517	18,033	49,748
1946-1950	132,504	1,769,024	381,054	343,640	604,398	116,613	41,604	219,157	660,869
1951-1955	132,028	1,562,061	272,758	274,881	543,080	180,685	48,117	305,867	100,870
1951	131,206	2,790,404	564,853	428,736	1,601,429	148,393	41,151	296,457	75,229
1952	160,801	1,624,372	294,647	235,281	855,593	168,020	38,086	323,242	72,128
1953	223,737	891,384	133,290	160,174	58,561	183,167	35,783	325,092	120,121
1954	83,152	1,295,029	192,817	285,964	59,819	189,423	70,323	283,313	118,209
1955	61,245	1,209,117	178,184	264,251	139,996	214,421	55,240	301,230	118,661
1956	107,798	1,545,368	221,180	259,224	170,418	232,538	38,947	318,005	111,053
1957	35,584	1,567,279	210,972	254,248	154,362	252,245	42,739	316,631	98,517

[1] Conversion factor used was 56 pounds per bushel when reported in bushels.
[2] Wheat, barley, rice, sorghum grain, etc., also mixtures of corn, malt, and rye.
[3] Diamalt, sulphite liquors, pineapple juice, enzyme extract, cider, corn sirup, potatoes, crude alcohol mixtures, cellulose pulp and chemical mixtures, ethylene gas, whey, etc.
[4] Not available. [5] 4-year average, 1942-45.

Source: Treasury Department, Internal Revenue Service; annual report, *Statistics Relating to the Alcohol and Tobacco Industries*, and records.

No. 1039.—Distilled Spirits, Malt Liquors, and Wines—Apparent Average Annual Per Capita Consumption: 1901 to 1957

[In gallons, except distilled spirits which is shown in tax gallons. For years ending June 30]

YEAR	DISTILLED SPIRITS			MALT LIQUORS			WINES		
	Total	Domestic	Imported	Total	Domestic	Imported	Total	Domestic	Imported
1901-1905 [1]	1.39	1.36	0.03	17.34	17.29	0.05	0.47	0.40	0.07
1906-1910 [1]	1.43	1.39	0.04	19.81	19.73	0.08	0.62	0.53	0.09
1915	1.26	1.23	0.03	18.40	18.37	0.03	0.33	0.27	0.06
1920	0.22	0.22	[2]	2.61	2.61	[2]	0.12	0.12	[2]
1925 [3]	0.09	0.09	[2]	-------	-------	-------	0.03	0.03	[2]
1930 [3]	0.08	0.08	[2]	-------	-------	-------	0.03	0.03	[2]
1935	0.70	0.67	0.03	10.45	10.44	0.01	0.30	0.28	0.02
1940	1.02	0.93	0.09	12.58	12.57	0.01	0.66	0.63	0.03
1945	1.22	1.05	0.17	18.86	18.79	0.07	0.73	0.70	0.03
1950	1.02	0.92	0.10	17.26	17.24	0.02	0.93	0.91	0.02
1951	1.23	1.09	0.14	16.97	16.95	0.02	0.87	0.84	0.03
1952	1.00	0.87	0.13	16.94	16.92	0.02	0.85	0.82	0.03
1953	1.10	0.96	0.14	16.79	16.76	0.03	0.90	0.86	0.04
1954	1.12	0.97	0.15	16.68	16.65	0.03	0.86	0.82	0.04
1955	1.07	0.92	0.15	16.13	16.09	0.04	0.89	0.85	0.04
1956	1.13	0.97	0.16	16.04	16.00	0.04	0.89	0.84	0.05
1957	1.17	0.99	0.18	15.54	15.49	0.05	0.89	0.86	0.03

[1] Average for the period. [2] Less than 0.005.
[3] Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, Business and Defense Services Administration.

No. 1040.—Tobacco Products—Production and Amount of Leaf Tobacco Consumed in Manufacture: 1921 to 1956

[Data relate to products manufactured in continental U. S. and exclude tobacco used in bonded manufacturing warehouses. Leaf tobacco figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. Tobacco used in the manufacture of cigars and cigarettes converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed. For other conversion ratios, see source. See also *Historical Statistics, 1789–1945*, series J 171 and J 174]

YEAR OR YEARLY AVERAGE	PRODUCTION					TOBACCO CONSUMED IN MANUFACTURE			
	Tobacco			Cigars	Cigarettes	Total	Cigars	Cigarettes	Tobacco
	Total	Smoking[1]	Other[2]						
	1,000 lb.	*1,000 lb.*	*1,000 lb.*	*Millions*	*Millions*	*1,000 lb.*	*1,000 lb.*	*1,000 lb.*	*1,000 lb.*
1921–1925	409,457	239,151	170,307	7,249	65,921	672,077	151,421	198,069	322,588

No. 1042.—Tobacco Products—Consumption Per Person 15 Years Old and Over: 1900 to 1957

[In pounds (unstemmed processing weight). Beginning 1940, population base includes Armed Forces overseas. There are approximately 339 cigarettes, and 42.8 small cigars, per pound of tobacco]

YEAR	Total	Cigars	Cigarettes	Tobacco [1]	YEAR	Total	Cigars	Cigarettes	Tobacco [1]
1900	7.43	1.99	0.16	5.28	1945	12.46	1.26	9.15	2.05
1905	8.61	2.31	0.19	6.11	1946	12.20	1.37	9.24	1.59
1910	8.59	2.19	0.41	5.99	1947	11.95	1.29	9.16	1.50
1915	8.40	2.17	0.82	5.41	1948	12.12	1.31	9.35	1.46
1920	8.67	2.45	1.89	4.33	1949	11.93	1.16	9.33	1.44
1925	8.98	1.99	2.96	4.03	1950	11.96	1.18	9.36	1.42
1930	8.85	1.67	3.84	3.34	1951	12.48	1.19	9.98	1.31
1935	8.21	1.30	4.11	2.80	1952	12.92	1.26	10.41	1.25
1940	9.12	1.36	5.16	2.60	1953	12.90	1.26	10.46	1.18
1941	9.78	1.42	5.95	2.41	1954	12.11	1.22	9.73	1.16
1942	10.69	1.41	7.01	2.27	1955	11.94	1.21	9.58	1.15
1943	11.46	1.28	7.99	2.19	1956	11.59	1.20	9.32	1.07
1944	11.22	1.22	8.04	1.96	1957 (prel.)	11.41	1.17	9.22	1.02

[1] Smoking and chewing tobaccos and snuff.

Source: Department of Agriculture, Agricultural Marketing Service; quarterly report, *Agricultural Economics Research*, Vol. VIII, No. 1, and records.

No. 1043.—Broad-Woven Fabrics—Production, by Type: 1947 to 1957

[In thousands of linear yards; in terms of gray goods except woolen and worsted which are in terms of finished yardage. Fabrics composed of a mixture of fibers classified according to primary fiber content except as noted]

PRODUCT	1947	1950	1954	1955	1956	1957 (prel.)
Total goods	12,371,120	13,105,067	12,518,039	13,119,399	12,932,649	12,135,202
Cotton woven goods over 12 inches in width, except tire fabrics	9,816,769	10,027,037	9,890,948	10,174,582	10,317,288	9,563,177
Cotton duck	206,415	248,890	239,819	242,087	255,471	222,664
Sheeting and allied coarse and medium yarn fabrics	3,038,975	2,736,691	2,493,582	2,586,818	2,691,176	2,508,200
Print cloth yarn fabrics	3,229,025	3,663,449	4,039,169	3,967,718	3,888,061	3,755,241
Napped fabrics	502,393	412,965	233,143	240,600	240,844	208,955
Colored yarn fabrics	751,749	860,318	738,617	698,691	617,148	544,013
Fine cotton goods (all combed, part-combed, and fine carded goods)	1,312,582	1,218,381	1,244,336	1,379,081	1,508,525	1,335,011
Towels, toweling, washcloths, and terry-woven fabrics other than towels	408,606	453,662	455,088	502,298	562,638	541,033
Specialties and all other fabrics	367,024	432,681	447,194	557,289	553,425	448,060
Rayon and acetate	1,976,835	2,406,205	1,730,904	1,928,162	1,626,181	1,454,620
Pile, upholstery, drapery, tapestry, and tie fabrics	57,060	37,763	87,906	118,407	115,023	133,293
100 percent filament rayon and/or acetate fabrics	1,236,805	1,601,282	848,310	887,373	790,113	692,378
Flat fabrics	652,252	860,375	619,356	716,986	632,881	552,875
Twisted yarn fabrics	584,553	740,907	228,954	170,387	157,232	139,503
100 percent spun rayon and/or acetate fabrics	332,451	434,085	445,485	528,185	351,474	282,097
Combination filament and spun rayon and/or acetate fabrics	178,982	202,450	118,876	109,184	107,776	108,189
All other rayon mixtures	171,537	130,625	230,327	285,013	261,795	238,663
Woolen and worsted [1]	515,843	470,513	284,231	317,586	325,158	292,601
Apparel fabrics	448,388	390,638	262,369	297,744	311,411	278,211
Woolen	245,138	215,113	(2)	(2)	(2)	(2)
Worsted	203,250	175,525	(2)	(2)	(2)	(2)
Nonapparel fabrics	67,455	79,875	21,862	19,842	13,747	14,390
Silk, nylon, glass, and other [3]	61,673	201,312	611,956	699,069	664,022	824,804
Nylon fabrics, including mixtures	21,881	[4]110,233	383,286	395,273	285,895	(2)
Silk fabrics, including mixtures	10,400	29,338	42,408	42,707	41,031	32,560
Other woven fabrics, not classified above	29,392	61,741	186,262	261,089	337,096	(2)

[1] Through 1950, comprises all fabrics containing more than 25 percent wool; beginning 1951, comprises fabrics containing 50 percent or more wool.
[2] Not available. [3] Includes fabrics made of acrylic, vinyl, protein, etc., fibers.
[4] Nylon mixtures not collected separately and included with other fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M22T.

No. 1044.—Mill Consumption of Cotton, Wool, Man-Made Fibers, Flax, and Silk: 1920 to 1956

[In millions of pounds, except per capita in pounds. Per capita figures based on population estimates of July 1, including Armed Forces overseas]

YEAR	COTTON [1]		WOOL (SCOURED BASIS) [2]		MAN-MADE FIBERS				FLAX [5]		SILK [6]	
					Rayon and acetate [3]		Other [4]					
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita

No. 1046.—Cotton and Man-Made Fiber Fabrics, Bleached, Dyed, or Printed: 1947 to 1956

[In millions of linear yards. Fabrics are classified by chief fiber content]

PRODUCT	1947	1950	1952	1953	1954	1955	1956 (prel.)
Bleached, dyed, or printed goods	8,915	9,329	9,803	9,647	9,595	10,502	10,188
Cotton	6,944	7,063	7,532	7,629	7,407	8,144	8,040
Man-made fiber fabrics and silk [1]	1,971	2,266	2,270	2,018	2,188	2,358	2,148
Bleached and white finished goods	3,815	3,467	3,598	3,560	3,377	3,668	3,850
Cotton	3,616	3,296	3,380	3,355	3,180	3,347	3,535
Man-made fiber fabrics and silk [1]	199	170	218	206	197	321	315
Plain dyed and finished goods	3,176	3,950	4,187	4,045	3,981	4,320	4,087
Cotton	1,757	2,166	2,413	2,454	2,308	2,671	2,572
Man-made fiber and silk [1]	1,419	1,784	1,774	1,591	1,673	1,649	1,515
Printed and finished goods [2]	1,924	1,912	2,017	2,042	2,237	2,514	2,251
Cotton	1,571	1,601	1,739	1,820	1,919	2,126	1,933
Man-made fiber fabrics and silk [1]	353	311	278	222	318	388	318

[1] Comprises fabrics made of rayon, acetate, nylon, silk, glass, acrylic fibers, etc.
[2] Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of the Census; 1947 and 1954 Censuses of Manufactures reports and *Facts for Industry*, Series M15G.

No. 1047.—Cotton-System Spindle Activity, 1955 to 1957, and Cotton Consumption, 1953 to 1957, by Region and State

[For years ending July 31. Consumption comprises domestic and foreign cotton and is in running bales, counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

No. 1048.—Cotton-System Spindles, Cotton Consumption, and Stocks: 1900 to 1957

[For years ending August 31 through 1910, July 31 thereafter. For 1946–55, spindles in place comprise all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton for all years which is in equivalent 500-pound bales. *See also Historical Statistics, 1789–1945*, series J 179–180, for data on active cotton-system spindles in the U. S. and total cotton consumed in spinning [illegible]

Year	Cotton-system spindles (1,000)					Spindle hours consuming 100% cotton (millions)	Cotton consumed, excluding linters (1,000 bales) [2]			
	Total in place	Active [1]					United States	Cotton-growing States	New England	Other States
		United States	Cotton-growing States	New England	Other States					
1900	(3)	19,472	4,368	13,171	1,933	(3)	3,873	1,523	1,909	440
1910	28,929	28,267	10,494	15,735	2,038	(3)	4,622	2,234	1,995	393
1920	35,834	35,481	15,231	18,287	1,963	(3)	6,420	3,583	2,397	440
1925	37,929	35,032	17,292	15,975	1,765	91,055	6,193	4,220	1,639	335
1930	34,025	31,245	18,586	11,351	1,308	87,515	6,106	4,749	1,143	214
1935	30,093	26,701	18,212	7,763	726	72,526	5,361	4,306	818	237
1940	24,750	23,586	17,641	5,279	666	97,006	7,784	6,647	918	219
1945	23,128	22,675	17,610	4,511	554	111,898	9,568	8,455	891	222
1950	22,995	21,790	17,673	3,739	378	109,243	8,851	8,030	664	157
1951	23,195	22,140	18,129	3,637	374	126,852	10,654	9,642	840	172
1952	23,205	21,298	18,119	2,927	252	106,932	9,120	8,443	559	118
1953	22,903	21,423	18,128	3,066	229	118,206	9,424	8,731	601	92
1954	22,694	20,626	17,957	2,522	147	109,705	8,576	8,011	499	66
1955	22,273	20,716	18,230	2,342	144	113,447	8,841	8,358	427	56
1956	21,903	20,557	18,283	2,140	134	117,748	9,141	8,638	446	57
1957	21,195	19,760	18,119	1,515	126	112,108	8,728	8,320	355	53

Yearly average or year	Consumption (1,000 bales)						Stocks in consuming establishments at end of year (1,000 bales)			
	Cotton, excluding linters					Linters	Cotton, excluding linters [4]			Linters
	Total	Domestic			Foreign		Total	Domestic	Foreign	
		Total	Upland	Sea Island	American-Egyptian					
1906–1910	[5] 4,829	[5] 4,680	[5] 4,616	[5] 64	----	149	[6] 163	[5] 731	[5] 673	58	[6] 39
1911–1915	5,257	5,051	[7] 4,976	75	(7)	206	293	822	738	84	86
1916–1920	6,388	6,105	[7] 6,034	71	(7)	282	734	1,452	1,352	100	179
1921–1925	5,869	5,577	5,531	9	37	292	599	1,003	911	92	139
1926–1930	6,735	6,434	6,419	1	15	301	815	1,150	1,050	100	186
1931–1935	5,466	5,325	5,311	1	14	140	720	1,116	1,061	55	261
1936–1940	6,938	6,799	6,780	2	18	139	836	7,133	7,060	74	275
1941–1945	10,301	10,151	10,105	3	42	149	1,399	10,354	10,233	121	391
1946–1950	9,038	8,829	8,820	1	8	209	1,243	4,678	4,570	108	218
1951–1955	9,323	9,195	9,177	1	17	128	1,376	6,103	6,020	83	189
1950	8,851	8,669	8,666	1	2	182	1,616	6,496	6,399	97	208
1951	10,654	10,487	10,452	1	34	167	1,396	2,144	2,032	112	171
1952	9,120	9,036	9,011	1	24	84	1,306	2,569	2,500	69	241
1953	9,424	9,292	9,280	1	11	132	1,359	5,346	5,252	94	122
1954	8,576	8,445	8,439	----	6	131	1,324	9,473	9,398	75	264
1955	8,841	8,714	8,705	----	9	127	1,474	10,985	10,920	65	148
1956	9,141	9,018	8,987	2	29	123	1,789	13,738	13,699	39	527
1957	8,728	8,661	8,591	3	67	67	1,438	11,026	10,987	39	410

[1] For 1945 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1947, active figure comprises cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1957, there were 18,072,000 spindles active on cotton, 1,271,000 on synthetics, 417,000 on other fibers and blends, and 1,435,000 idle.
[2] Includes linters through 1908. Figures for all years include foreign and domestic cotton.
[3] Not available.
[4] Includes stocks held in public storage and at compresses beginning 1938.
[5] Includes linters for 1906 to 1908. [6] Average, 1909 and 1910.
[7] "Upland" includes "American-Egyptian" 1912 to 1920.

Source: Department of Commerce, Bureau of the Census; annual report, *Cotton Production and Distribution*

No. 1049.—Wool—Stocks, Production, Price, Imports, and Exports: 1926 to 1957

ITEM	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1946–1950, average	1951–1955, average
Sheep and lambs shorn—1,000	39,753	45,891	45,069	45,366	29,402	27,664
Weight per fleece—pound	7.8	8.0	8.0	7.9	8.1	8.4
Shorn wool production—1,000 lb	310,682	366,368	360,583	360,191	238,789	232,705
Price per pound [1]—cents	30.0	16.8	25.7	40.3	49.0	60.4
Pulled wool production—1,000 lb	53,600	64,780	64,680	68,340	46,500	37,360
Apparel wool, grease basis:						
Total production—do	364,282	431,148	425,263	428,531	285,289	270,065
Imports, less reexports [2]—do	107,538	37,404	122,583	[3] 656,091	[3] 466,246	279,946
Exports, domestic [4]—do	300	122	412	12,869	10,491	2,535
Total new supply [5]—do	471,520	468,430	547,434	[3] 1,071,753	[3] 740,740	547,475
Carpet wool, imports [2]—do	134,601	100,881	132,977	100,058	254,679	162,038

ITEM	1952	1953	1954	1955	1956	1957 (prel.)
Stocks of apparel wool, April 1 [6]—1,000 lb	130,831	163,100	149,696	159,671	145,666	115,160
Sheep and lambs shorn—1,000	28,051	27,845	27,692	27,383	28,502	28,508
Weight per fleece—pound	8.3	8.3	8.5	8.6	8.4	8.3
Shorn wool production—1,000 lb	223,309	232,258	235,807	234,058	238,569	235,366
Price per pound [1]—cents	54.1	[7] 54.9	[7] 53.2	42.6	44.2	[8] 54.4
Pulled wool production—1,000 lb	33,600	42,200	43,500	41,600	40,500	33,600
Apparel wool, grease basis:						
Total production—do	266,909	274,458	279,307	275,658	279,069	268,966
Imports, less reexports [2]—do	379,677	260,804	159,580	169,054	151,839	111,713
Exports, domestic [4]—do	[6] 31	[6] 2,329	3,718	6,338	12,126	12,151
Total new supply [5]—do	646,555	532,933	435,169	438,374	418,782	368,528
Carpet wool, imports [2]—do	165,269	188,046	144,767	185,958	193,217	161,975

[1] Price received by farmers. Weighted season average 1946 to date, weighted calendar average earlier years. Season April–March.

[2] Actual weight. Imports for consumption beginning 1934, general imports prior thereto. For 1941 and earlier years, carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wools without merino or English blood, and through 1933, includes camel hair; apparel wool includes all other wools. For 1942 and thereafter, carpet wool includes all duty-free wool and apparel wool includes all dutiable wool.

[3] For 1942–1946, excludes a total of 506 million pounds of duty-free wool imported and stored in this country largely for the British Government, and later re-exported; not available to domestic mills.

[4] Includes hair of angora goat, alpaca, and other like animals. Includes a small amount of carpet wool beginning 1943.

[5] Production, minus exports, plus imports; stocks not taken into consideration. [6] Scoured basis.

[7] Includes an allowance for wool under loan.

[8] Weighted average price for wool sold April 1957–January 1958.

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*. Exports and imports from Department of Commerce, Bureau of the Census.

No. 1050.—Wool Consumed in Manufactures: 1925 to 1957

[In millions of pounds. Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields

No. 1051.—Wool Manufacturing Equipment in Place, 1947 to 1956, and by Region and State, 1956

[Data as of end of year, except as noted. Machinery in place is that which is set up in operating position]

Year, region, and state	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	Wool carpet and rug looms	
					Broad	Narrow
1947	2,656	1,561,198	1,920,542	38,572	2,329	3,354
1948	2,679	1,535,127	1,863,335	38,146	2,359	3,209
1949	2,720	1,423,860	1,836,744	37,493	2,307	2,901
1950	2,808	1,308,139	1,814,430	36,337	2,338	2,556
1951	2,859	1,233,468	1,811,394	34,817	2,245	2,219
1952	2,694	1,127,077	1,691,088	33,811	2,226	2,262
1953 [1]	2,738	1,067,328	1,651,356	31,008	2,209	2,262
1954	(2)	(2)	(2)	(2)	5,411	
1955	2,092	817,254	925,736	21,734	(2)	
1956						
United States	**1,901**	**750,437**	**809,022**	**19,389**	(2)	
New England	1,131	350,325	359,372			
Connecticut	(3)	56,678	16,096			
Maine		55,892	15,856			
Massachusetts	592	149,858	79,352			
New Hampshire	(3)	45,115	36,952			
Rhode Island	467	18,976	211,116			
Vermont		23,806				
Middle Atlantic	308	172,839	126,538			
New Jersey	(3)	30,708	(3)	(2)	(2)	
New York	(3)	74,338	(3)			
Pennsylvania	138	67,793	56,240			
Southern [4]	433	149,674	275,996			
North Central [5]	(3)	64,049	(3)			
Western [6]	(3)	13,550	(3)			

[1] End of June, except woolen and worsted looms.
[2] Not available.
[3] Not shown separately to avoid disclosure of individual company data.
[4] Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.
[5] Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, S. Dak., and Wis.
[6] Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M22E, and a special tabulation from Series M22T.

No. 1052.—Knit Goods: Cloth, Underwear, and Outerwear—Production by Type: 1947 to 1956

Product	Unit	1947	1950	1953	1954	1955	1956
Knit cloth for sale [1]	Million lb.	152.6	162.8	164.2	165.0	181.9	176.1
Warp knit fabrics	do.	41.5	47.2	47.2	49.5	54.9	48.3
Circular knit fabrics	do.	111.1	115.6	116.9	115.5	127.0	127.8
Knit underwear and nightwear:							
Made from warp knit fabrics, all fibers	1,000 doz.	7,708	16,617	24,793	[2] 25,701	(3)	(3)
Made from circular knit fabrics:							
Rayon, silk, and synthetics	do.	10,932	12,371	9,342	[2] 12,176		
Cotton and wool	do.	40,557	43,271	44,945	43,580		
Outerwear	do.	3,000	3,000	3,000	3,000		
Hosiery	Million doz. pr.	57.1	58.1	58.1	58.1	58.1	58.1

[1] Includes fabrics for sale and fabrics used in own establishments.
[2] Estimated.
[3] Not shown separately to avoid disclosure of individual company data.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M22E, and a special tabulation from Series M22T.

No. 1053.—Women's, Misses', and Juniors' Outerwear—Selected Garments Cut: 1947 to 1957

TYPE OF GARMENT	Unit	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Blouses	1,000 dozens	7,496	10,764	12,686	14,889	13,492	13,664
Unit price dresses	1,000 units	127,791	139,607	137,589	150,445	153,002	154,970
Dozen price dresses	1,000 dozens	75,456	9,097	9,215	9,162	8,574	8,520
Suits	1,000 units	14,352	18,048	12,138	13,638	12,213	11,300
Skirts	1,000 dozens	2,020	4,784	5,773	6,575	7,258	7,770
Untrimmed coats	1,000 units	18,956	22,598	21,042	22,526	23,100	23,960
Fur-trimmed coats	do	1,924	2,105	1,541	1,469	1,472	1,720

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and *Facts for Industry*, Series M23A.

No. 1054.—Men's and Boys' Clothing—Selected Garments Cut: 1947 to 1957

TYPE OF GARMENT	Unit	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Suits	1,000 units	28,882	27,145	21,469	23,857	24,269	23,730
Men's	do	26,428	23,695	18,152	20,280	20,888	20,100
Boys'	do	2,454	3,450	3,317	3,577	3,381	3,630
Separate trousers	do	60,905	65,819	[1] 56,088	[1] 67,355	[1] 72,322	[1] 70,800
Separate coats	do	5,286	8,855	7,952	10,234	11,256	12,410
Men's and youths'	do	4,760	7,039	5,743	7,932	8,864	9,650
Boys'	do	526	1,816	2,209	2,302	2,392	2,760
Dress and sport shirts, men's	1,000 dozens	17,042	18,100	19,909	21,757	22,395	20,900
Overalls	do	6,807	9,824	9,273	9,753	8,874	8,540
Men's and youths'	do	4,241	6,100	5,103	4,854	4,491	[2]
Boys'	do	2,566	3,724	4,170	4,899	4,383	[2]
Work shirts (includes flannel)	do	5,815	5,796	5,290	5,067	5,284	4,720
Men's	do	4,959	5,471	4,754	4,557	4,800	4,300
Boys'	do	856	325	536	510	484	420

[1] Men's only.
[2] Not available.

Source: Department of Commerce, Bureau of the Census; monthly data published in *Facts for Industry*, Series M23B.

No. 1055.—Shoes and Slippers—Production, by Class: 1947 to 1957

[In thousands of pairs. Excludes rubber footwear]

CLASS	1947	1950	1954	1955	1956 (prel.)	1957 (prel.)
Shoes and slippers	484,964	522,532	530,367	585,369	588,479	593,611
Footwear, except slippers	437,312	464,506	473,463	517,300	521,452	529,158
Shoes and sandals	429,923	456,611	465,173	509,207	511,293	516,287

No. 1056.—Hosiery—Production, by Type: 1950 to 1957

[In thousands of dozens of pairs]

TYPE	1950	1953	1954	1955	1956	1957
Total, all types	**160,486**	**158,788**	**151,818**	**151,996**	**145,682**	**145,048**
Women's full-fashioned, total	51,585	50,657	48,832	47,250	43,856	37,949
Nylon	51,032	50,334	48,537	46,981	43,624	37,746
Other	553	323	295	269	232	203
Seamless, total	108,901	108,131	102,986	104,746	101,826	107,099
Women's seamless, total	7,449	8,552	9,742	12,655	16,318	19,747
Nylon	4,303	6,272	7,845	10,662	14,604	18,669
Rayon	1,161	713	580	566	409	262
Cotton	1,619	1,259	1,095	1,209	1,052	745
Other	366	308	222	218	253	71
Men's full-fashioned	35	36	38	25	22	(1)
Men's seamless half-hose, total	14,019	11,904	9,976	8,884	8,044	[1] 6,997
Nylon	605	503	1,159	1,134	1,389	962
Rayon	4,281	2,641	1,481	1,178	937	766
Cotton	7,271	6,723	5,762	5,375	4,707	4,347
Wool	1,862	2,030	1,552	1,143	941	818
Synthetics, other	----------	7	22	54	70	104
Men's slack socks, total	32,434	31,525	31,905	32,421	29,044	[2] 34,209
Nylon	3,038	5,163	8,025	9,486	8,924	9,546
Rayon	7,802	5,178	3,809	2,974	2,611	2,549
Cotton	20,291	19,820	18,935	18,261	15,729	20,075
Wool	1,303	1,134	999	1,543	1,624	1,643
Synthetics, other	----------	230	137	157	156	396
Cotton bundle goods	5,511	4,291	4,426	4,326	4,535	3,988
Woolen bundle goods	1,547	1,267	1,098	1,421	1,575	1,428
Athletic socks	2,354	1,797	1,798	2,106	2,086	2,606
Crew socks	3,082	2,966	2,366	2,148	2,133	2,430
Children's and infants'	9,465	9,771	8,118	8,563	8,251	[3] 8,600
Anklets, total	32,557	35,790	33,381	32,108	29,770	26,327
Misses' and women's	14,183	16,279	13,809	12,847	11,448	11,425
Men's and boys'	4,190	5,351	5,436	5,168	4,498	[2] 1,488
Children's	8,130	9,449	9,621	9,490	9,298	7,784
Infants'	6,054	5,711	4,515	4,603	4,526	[3] 5,630
Women's and misses' socks [4]	----------	----------	----------	----------	----------	767
All other	448	232	138	89	48	----------

[1] Men's full-fashioned included with men's seamless half-hose.
[2] Men's anklets included with men's slack socks.
[3] Infants' socks included with infants' anklets.
[4] Included with misses' and women's anklets prior to 1957.

Source: National Association of Hosiery Manufacturers New York, N. Y., and Charlotte, N. C.; published annually in *Hosiery Statistics*.

No. 1057.—Leather—Production, by Principal Types of Raw Stock: 1937 to 1957

[Cattle hide and side kip in thousands of hides and kips; other figures in thousands of skins]

YEAR	Cattle hide	Calf and whole kip	Goat and kid	Sheep and lamb [1]	YEAR	Cattle hide [2]	Calf and whole kip	Goat and kid	Sheep and lamb [1]
1937	22,380	12,027	46,554	34,077	1948	26,070	10,480	37,970	33,492
1938	19,047	12,991	31,905	28,675	1949	23,332	10,173	34,774	28,644
1939	22,095	14,027	40,419	38,914	1950	24,383	10,659	37,203	31,397
1940	21,070	11,387	37,697	37,920	1951	22,703	7,955	31,111	24,504
1941	28,121	13,098	45,373	51,915	1952	22,694	9,960	30,418	27,902
1942	30,828	12,264	41,127	53,629	1953	24,070	9,958	32,154	28,264
1943	25,656	11,112	37,351	59,891	1954	24,210	9,366	26,496	23,796
1944	26,152	10,930	34,653	55,296	1955	25,832	10,393	26,109	26,434
1945	27,566	11,636	24,026	52,450	1956	25,908	8,546	25,103	27,241
1946	27,032	10,882	24,137	47,971	1957	25,511	9,217	22,336	25,565
1947	28,824	12,471	37,188	36,535					

[1] Includes the flesh side leather of split sheepskins (fleshers) and excludes the grain leather (skivers).
[2] Beginning 1954 includes also side kip.

Source: Tanners' Council of America. Monthly figures published in *Survey of Current Business*.

No. 1058.—Rubber (Natural, Reclaimed, and Synthetic)—New Supply, Distribution, and Stocks: 1945 to 1957

[**In tons of 2,240 pounds.** Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed comprises both natural and synthetic rubber reclaims]

ITEM	1945	1950	1953	1954	1955	1956	1957
New supply	1,209,761	1,618,108	1,807,171	1,495,054	1,945,733	1,953,788	1,952,099
Domestic production	1,064,218	789,190	1,143,991	879,940	1,296,382	1,366,378	1,392,072
Natural	536						
Reclaimed	243,309	313,006	295,550	257,088	325,914	286,804	273,899
Synthetic	820,373	476,184	848,441	622,852	970,468	1,079,574	1,118,173
Imports	145,543	828,918	663,180	615,114	649,351	587,410	560,027
Natural	135,136	802,138	647,614	597,200	637,577	579,217	553,043
Reclaimed	(1)	1,059	2,786	1,013	735	416	158
Synthetic	10,407	25,721	12,780	16,901	11,039	7,777	6,826
Distribution	1,143,979	1,590,324	1,665,954	1,529,853	1,960,813	1,881,491	1,958,127
Domestic consumption	1,040,045	1,562,290	1,623,359	1,482,061	1,842,480	1,707,029	1,731,492
Natural	105,429	720,268	553,473	596,285	634,800	562,088	538,761
Reclaimed	241,036	303,733	285,050	249,049	312,781	270,547	266,852
Synthetic	693,580	538,289	784,836	636,727	894,899	874,394	925,879
Exports	103,934	28,034	42,595	47,792	118,333	174,462	226,635
Natural	6,743	8,640	8,376	7,443	10,611	11,302	10,146
Reclaimed	13,413	11,741	11,597	10,232	13,988	13,832	13,021

No. 1060.—Chemicals—Production, by Kind: 1947 to 1957

[Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, but excludes data for Government-owned privately operated plants, except as noted]

CHEMICAL	Unit	1947	1950	1955	1956	1957 (prel.)
Ammonia, synthetic anhydrous	1,000 sh. tons	1,114	1,566	3,252	3,378	3,711
Ammonium nitrate, original solution (100% NH_4NO_3) [1]	do	1,087	1,214	1,842	2,204	2,566
Ammonium sulfate, synthetic (technical) [2]	do	196	1,138	1,173	1,096	1,045
Calcium carbide (commercial)	do	607	671	875	1,025	1,016
Calcium phosphate, dibasic (100% $CaHPO_4$)	Short tons	41,323	53,046	164,539	147,013	172,131

No. 1061.—Industrial Explosives Sold for Consumption in the United States: 1930 to 1956

[In thousands of pounds. Excludes exports]

YEAR	Total	Permissible explosives [1]	High explosives other than permissible	Black blasting powder
1930	445,090	53,826	291,391	99,873
1935	308,381	39,170	200,324	68,888
1940	423,369	58,436	305,180	59,754
1945	457,311	97,407	322,956	36,948
1946	536,315	100,258	399,233	36,824
1947	[2] 651,391	122,349	476,017	36,464
1948	[2] 725,227	126,282	550,086	33,240
1949	[2] 631,230	91,630	505,601	20,077
1950	[2] 719,841	109,420	575,962	20,655
1951	[2] 753,821	108,258	611,236	13,985
1952	[2] 764,718	95,460	636,741	10,602
1953	[2] 790,811	89,879	668,952	9,515
1954	[2] 715,955	75,863	612,054	10,297
1955 (prel.)	[2] 806,878	93,718	687,226	6,624
1956 (prel.)	[2] 1,026,774	104,934	[3] 898,524	5,593

USE	Total	Permissible explosives [1]	High explosives other than permissible	Black blasting powder
1955 (prel.)	[2] 806,878	93,718	687,226	6,624
Coal mining	[4] 239,095	92,657	123,651	3,539
Metal mining	168,628	125	168,483	20
Quarrying and nonmetallic mineral mining	[5] 196,533	754	195,185	532
Railway and other construction work	189,082	104	187,456	1,522
All other purposes	13,540	78	12,451	1,011
1956 (prel.)	[2] 1,026,774	104,934	[3] 898,524	5,593
Coal mining	[4] 297,069	103,698	172,730	2,918
Metal mining	197,303	95	197,190	18
Quarrying and nonmetallic mineral mining	213,368	726	212,189	453
Railway and other construction work	235,349	144	233,322	1,883
All other purposes	83,685	271	83,093	321

[1] Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.

[2] Includes 16,562,000 pounds liquid oxygen explosive in 1947, 15,620,000 in 1948, 13,922,000 in 1949, 13,804,000 in 1950, 20,341,000 in 1951, 21,915,000 in 1952, 22,465,000 in 1953, 17,741,000 in 1954, 19,310,000 in 1955, and 17,723,000 in 1956.

[3] Includes completely processed ammonium nitrate blasting agents.

[4] Includes 19,248,000 pounds liquid oxygen explosive in 1955, and 17,723,000 in 1956.

[5] Includes 62,000 pounds liquid oxygen explosive in 1955.

Source: Department of the Interior, Bureau of Mines; *Consumption of Industrial Explosives.*

No. 1062.—Asphalt and Tar Roofing and Siding Products—Shipments: 1950 to 1957

PRODUCT	1950	1952	1953	1954	1955	1956	1957
Asphalt roofing—1,000 squares	65,024	57,938	56,703	59,132	62,582	57,590	53,326
Smooth-surfaced—do	14,377	12,459	12,084	11,591	11,502	10,362	9,358
Mineral-surfaced—do	14,116	13,704	12,964	12,910	12,902	12,535	11,947
Strip shingles—do	32,109	27,806	27,411	30,149	33,915	30,699	28,313
Individual shingles—do	4,422	3,969	4,244	4,482	4,263	3,994	3,708
Asphalt sidings—do	2,009	1,858	1,557	1,428	1,288	1,208	1,036
Roll form—do	1,659	1,540	1,277	1,175	1,066	961	821
Shingle form—do	350	318	280	252	223	247	215
Insulated brick siding, all types and finishes—1,000 squares	2,402	2,718	2,794	2,297	2,195	2,055	1,764
Asphalt board products—1,000 sq. ft	48,376	45,933	43,840	32,528	36,641	25,408	22,245
Saturated felts—short tons	720,951	707,301	773,349	869,755	1,038,819	893,214	922,819
Asphalt—do	620,579	598,199	648,274	732,770	905,005	761,725	789,318
Tar—do	100,372	109,102	125,075	136,985	133,814	131,489	133,501
Saturated and coated sheathings—short tons	12,025	9,587	9,609	10,066	9,723	10,603	8,491

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M29A.

No. 1063.—Pressed and Blown Glassware—Value of Shipments, by Class: 1952 to 1957

[In thousands of dollars. Comprises products manufactured from glass produced in reporting establishment]

CLASS	1952	1953	1954	1955	1956	1957
Total value	324,599	361,865	379,754	377,056	388,625	393,940
Tumblers, goblets, and other stemware	52,885	55,279	54,713	58,373	57,189	64,644
Cooking ware [1]	14,920	14,807	13,434	18,640	19,081	20,574
Ornamental, decorative, novelty glassware, and smokers' accessories	12,785	13,659	14,647	13,968	15,733	17,918
Lighting glassware	115,831	146,549	156,893	158,793	157,321	142,491
Electric-light bulb and electronic-tube blanks (including radio, television, X-ray, radar, and special tubes and parts)	92,870	123,872	121,903	125,371	120,996	106,243
Bowls, all types	2,972	2,311	2,230	2,414	2,613	3,012
Enclosing globes, all types	3,005	2,825	3,865	3,198	3,253	3,090
Shades, reflectors, and torcheres	4,654	4,682	4,448	4,735	4,715	4,377
Railroad, marine, and traffic lighting glassware	1,186	1,292	2,409	1,818	2,563	2,451
Lamp chimneys	1,335	1,246	1,274	1,215	1,271	1,254
Lantern globes (oil and electric)	675	810	801	944	859	765
All other lighting glassware	9,134	9,511	19,963	19,098	21,051	21,209
All other pressed and blown glassware, except glass containers [2]	128,178	131,571	140,067	127,282	139,301	148,313

[1] Heat-resistant, heat-treated, and annealed.
[2] Comprises tubing (except fluorescent and neon) and technical, scientific, and industrial glassware.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M77E and M32E.

No. 1064.—Glass Containers—Direct Exports and Domestic Production and Shipments, by Kind: 1954 to 1957

[In thousand gross]

ITEM	1954		1955		1956		1957	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
Total	126,898	124,649	138,470	137,228	141,631	140,519	147,512	142,971
Direct exports	---	2,779	---	2,804	---	2,966	---	3,019
Domestic production and shipments:								
Narrow-neck	79,132	75,640	86,596	83,523	88,985	86,086	92,549	86,998
Food	46,800	12,745	51,013	14,337	51,593	14,927	54,958	15,118
Medicinal and health supplies		14,629		15,839		16,065		17,487
Household and industrial		9,276		9,624		9,682		10,018
Toiletries and cosmetics		8,918		9,662		9,487		9,772
Beverage, returnable	7,163	6,304	8,889	8,565	9,608	9,239	9,613	8,452
Beverage, nonreturnable	1,087	963	1,267	1,177	1,185	1,188	1,380	1,274
Beer, returnable	2,561	2,125	2,723	2,444	2,851	2,478	2,746	2,343
Beer, nonreturnable	7,739	7,729	8,256	8,011	8,059	8,232	8,776	8,494
Liquor	9,325	8,709	9,737	9,274	10,812	10,115	10,295	9,476

No. 1065.—Refractories—Shipments: 1954 to 1956

PRODUCT	Unit	1954		1955		1956	
		Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant	Quantity	Value f. o. b. plant
			$1,000		*$1,000*		*$1,000*
Clay refractories			[1]129,086		181,076		208,608
Fire-clay brick, standard and special shapes, except superduty	M 9″ equiv.	394,649	51,205	488,587	63,222	521,604	73,439
Superduty fire-clay brick, standard and special shapes	do.	61,738	11,891	74,272	15,137	82,924	18,631
Insulating fire-brick, standard and special shapes	do.	37,090	7,647	54,178	11,196	62,490	13,698
High-alumina brick, standard and special shapes (50% Al_2O_3 and over, except fused alumina and mullite)	do.	15,818	5,151	21,132	7,138	23,593	8,631
Ladle brick	do.	169,273	12,915	246,533	20,654	244,409	21,928
Glass-house pots, tank blocks, upper structure, and floaters	Short tons	15,922	2,716	18,389	3,602	21,770	4,443
Hot-top refractories	M 9″ equiv.	32,347	4,537	38,304	6,114	38,263	6,234
Sleeves, nozzles, runner brick, and tuyeres	do.	43,427	6,993	58,976	10,352	59,470	11,105
High-temperature bonding mortars	Short tons	86,519	8,123	83,814	8,453	95,274	9,848
Plastic refractories	do.	92,613	5,125	139,357	9,232	159,137	10,567
Cast and castables (hydraulic setting)	do.	70,511	6,095	95,979	8,828	113,017	10,805
Ground crude fire clay and high-alumina material	do.	[2]	[2]	776,966	7,474	621,504	7,593
Other clay refractories			6,688		9,675		11,686
Nonclay refractories			127,621		188,276		210,102
Silica brick and shapes	M 9″ equiv.	226,402	37,875	328,414	55,563	314,514	58,070

No. 1067.—Pig Iron and Ferroalloys—Capacity, Production, and Mate-

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

ITEM	1920	1930	1940	1950	1954	1955	1956	1957
Blast furnaces, total number, Jan. 1	453	316	232	248	260	261	261	262
Number in blast, Jan. 1	280	165	195	218	210	206	247	249
Blast furnace capacity [1]	56,249	57,855	55,724	[2]71,660	82,001	83,971	85,485	86,818
Blast furnace production	41,179	35,338	46,979	65,440	58,687	77,790	75,960	79,339
Percent of capacity	73.2	61.1	84.3	91.4	71.6	92.6	88.9	91.4
Pig iron	40,593	34,743	46,072	64,587	57,966	76,857	75,068	78,375
Ferroalloys	586	594	907	853	721	932	891	964
Electric furnace production, ferroalloys			419	961	1,119	1,474	1,616	1,459
Total production [3]	41,357	35,562	47,399	66,400	59,806	79,264	77,575	80,798
Basic	18,746	20,601	33,988	49,880	47,023	62,485	61,639	65,378
Bessemer and low-phosphorus	13,510	8,193	7,835	8,426	5,837	7,699	7,169	6,924
Foundry (incl. ferrosilicon)	6,673	4,436	2,791	3,646	2,910	3,558	3,208	3,000
Malleable	1,468	1,760	1,832	3,181	2,630	3,531	3,467	3,459
Forge	356	57	4					
Ferromanganese, spiegeleisen, and all other	604	517	949	1,267	1,406	1,990	2,093	2,037
Materials used: [4]								
Iron ore, briquettes, etc.	74,424	60,101	79,672	112,156	96,007	127,753	122,334	128,738

No. 1069.—Pig Iron and Ferroalloys—Production, Exports, and Imports: 1901 to 1957

[In thousands of short tons (2,000 pounds). Imports are imports for consumption beginning with 1933. All production figures are for calendar years]

YEARLY AVERAGE	Production	Exports of domestic merchandise	Imports	YEAR	Production	Exports of domestic merchandise	Imports
1901–1905	20,428	51	353	1945	54,919	123	74
1906–1910	26,908	88	308	1946	46,200	135	55
1911–1915	30,820	226	149	1947	60,117	93	231
1916–1920	41,452	464	120	1948	61,912	113	319
				1949	54,917	116	175
1921–1925	34,132	41	406	1950	66,400	379	946
1926–1930	42,215	58	289	1951	72,449	67	1,221
1931–1935	17,486	15	177	1952	63,354	70	477
1936–1940	36,174	476	144	1953	77,250	47	763
				1954	59,806	41	379
1941–1945	59,629	260	39	1955	79,264	97	386
1946–1950	57,909	167	345	1956	77,575	356	514
1951–1955	70,425	64	645	1957	80,798	946	546

Source: Production, American Iron and Steel Institute; *Annual Statistical Report.* Exports and imports, Department of Commerce, Bureau of the Census; *Foreign Commerce and Navigation of the United States*, and records.

No. 1070.—Rolled and Miscellaneous Iron and Steel Products—Production, by Kind: 1930 to 1957

[In thousands of short tons (2,000 pounds). See also *Historical Statistics, 1789–1945*, series J 170]

KIND	1930	1940	1945	1950	1955	1956	1957
Hot-rolled products	**33,055**	**48,660**	**59,812**	**75,191**	**90,658**	**89,284**	**85,887**
Plates	4,102	4,323	7,246	7,386	8,191	9,432	11,276
Sheets	3,933	11,706	12,067	22,693	31,517	29,277	26,299

No. 1071.—Steel—Capacity and Production of Ingots and Steel for Castings, by Type of Furnace: 1920 to 1957

[In thousands of short tons (2,000 pounds). Excludes foundries which normally produce steel only for castings. See also *Historical Statistics, 1789–1945*, series J 165–169]

Year	Capacity[1] (Jan. 1)	Production							Percent production of capacity
		Total	Open hearth			Bessemer	Electric	Crucible	
			Total	Basic	Acid				
1920	60,220	46,183	35,846	----------	----------	9,841	417	79	76.7
1925	65,962	49,705	41,804	----------	----------	7,474	406	20	75.4
1930	71,042	44,591	38,587	----------	----------	5,623	379	2	62.8
1935	78,452	38,184	34,401	34,005	397	3,175	606	1	48.7
1940	81,619	66,983	61,573	60,883	690	3,709	1,700	1	82.1
1945	95,505	79,702	71,940	71,070	870	4,305	3,457	(2)	83.5
1946	91,891	66,603	60,712	60,112	600	3,328	2,563	(3)	72.5
1947	91,241	84,894	76,874	76,209	665	4,233	3,788	(3)	93.0
1948	94,233	88,640	79,340	78,715	625	4,243	5,057	(3)	94.1
1949	96,121	77,978	70,249	69,742	507	3,947	3,783	(3)	81.1
1950	[4] 99,983	96,836	86,263	85,662	601	4,535	6,039	(3)	96.9
1951	104,230	105,200	93,167	92,387	779	4,891	7,142	(3)	100.9
1952	108,588	93,168	82,846	82,143	703	3,524	6,798	(3)	85.8
1953	117,547	111,610	100,474	99,828	646	3,856	7,280	(3)	94.9
1954	124,330	88,312	80,327	79,923	405	2,548	5,436	(3)	71.0
1955	125,828	117,036	105,359	104,805	555	3,320	[5] 8,357	(3)	93.0
1956	128,363	115,216	102,841	102,168	673	3,228	[5] 9,148	(3)	89.8
1957	133,459	112,715	101,658	101,028	630	2,475	[5] 8,582	(3)	84.5

[1] Annual capacity as of Jan. 1, 1958, was 140,742,570 tons. [2] Less than 500 short tons.
[3] Included with electric. [4] Average of Jan. 1 and July 1.
[5] Includes steel made by the basic oxygen process. Separate figures withheld to avoid disclosing production of individual companies.

Source: American Iron and Steel Institute; *Annual Statistical Report.*

No. 1072.—Blast Furnaces and Steel Works and Rolling Mills—Summary: 1923 to 1956

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded. Beginning 1954, includes data for coke ovens, excluded for prior years]

Year	Number of establishments	Production workers		Value added by manufacture ($1,000) [1]	Year	Number of establishments	Production workers		Value added by manufacture ($1,000) [1]
		Number (average for the year)	Wages, total ($1,000)				Number (average for the year)	Wages, total ($1,000)	
1923	658	424,913	696,761	1,289,910	1939	334	388,441	598,037	1,234,631
1925	595	399,914	660,297	1,281,976	1947	301	470,785	1,431,536	2,603,757
1927	602	389,270	645,534	1,219,534	1950	(2)	475,873	1,684,453	3,986,082
1929	591	419,534	730,974	1,622,837	1952	(2)	507,619	1,975,110	4,144,236
1931	526	278,206	357,645	623,199	1953	(2)	517,330	2,383,110	5,402,877
1933	466	288,945	270,367	481,529	1954	(2)	468,933	2,051,898	5,014,388
1935	468	374,808	458,584	893,681	1955	(2)	527,524	2,659,921	6,786,191
1937	352	461,118	755,427	1,503,959	1956 (prel.)	(2)	545,534	2,806,705	7,007,578

[1] Value of products less cost of materials, supplies, fuel, electric energy, and contract work. For 1923–1933, cost of contract work was not deducted. [2] Not available.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures*, and *U. S. Census of*

No. 1073.—Steel Products—Shipments, by Class: 1945 to 1957

[**In thousands of short tons** (2,000 pounds). Comprises carbon, alloy, and stainless steel. Percents based on domestic shipments only]

CLASS	1945		1950		1955		1956		1957	
	Quantity	Percent	Quantity	Percent	Quantity	Percent	Quantity	Percent	Quantity	Percent
Total shipments	57,242	-------	72,232	-------	84,717	------	83,251	-------	79,895	-------
Domestic shipments	53,449	100.0	69,665	100.0	81,134	100.0	79,629	100.0	75,326	100.0
Steel for converting and processing [1]	2,706	5.1	3,900	5.6	3,753	4.6	3,777	4.7	3,396	4.5
Forgings (except automotive)	1,418	2.6	1,082	1.5	1,266	1.6	1,473	1.8	1,056	1.4
Bolts, nuts, rivets, and screws	1,083	2.0	1,410	2.0	1,475	1.8	1,485	1.9	1,149	1.5
Warehouses and distributors (except oil and gas)	8,904	16.7	11,676	16.8	13,562	16.7	14,505	18.2	12,184	16.2
Construction (exc. oil and gas)	4,664	8.7	5,563	8.0	7,234	8.9	7,885	9.9	9,054	12.0
Contractors' products			3,075	4.4	3,982	4.9	4,075	5.1	3,404	4.5
Automotive	4,071	7.6	14,472	20.8	18,722	23.1	14,142	17.8	14,227	18.9
Passenger cars, trucks, tractors, parts, etc.	3,774	7.0	13,923	20.0	18,203	22.4	13,744	17.3	13,895	18.5
Forgings	297	0.6	549	0.8	519	0.7	398	0.5	332	0.4
Rail transportation	5,121	9.6	4,299	6.2	3,521	4.3	4,227	5.3	4,149	5.5
Railroad rails, trackwork, and equipment	(2)	(2)	2,222	3.2	1,580	1.9	1,590	2.0	1,406	1.9
Freight cars, passenger cars, and locomotives	(2)	(2)	2,029	2.9	1,901	2.3	2,605	3.3	2,703	3.6
Street railways and rapid transit systems	(2)	(2)	48	0.1	40	0.1	32	(3)	40	(3)
Shipbuilding and marine equipment	2,719	5.1	327	0.5	601	0.8	760	1.0	1,278	1.7
Aircraft	301	0.6	52	0.1	97	0.1	135	0.2	99	0.1
Oil and gas	2,063	3.8	5,343	7.7	5,437	6.7	5,582	7.0	6,494	8.6

No. 1074.—Iron and Steel—Aggregate Exports: 1900 to 1957

[**Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars.** Includes ferromanganese. Beginning 1925, excludes steam and hot water heating boilers and radiators. Value figures through 1920 exclude, and those beginning 1925 include, data for small items for which quantity figures are not available. See table 1075 for revised list of articles included, effective 1952]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1900	1,292	42,518	1940	11,876	524,426	1952	[1] 4,854	771,442
1905	1,131	33,813	1945	5,203	461,147	1953	[1] 3,711	640,159
1910	1,723	63,436	1946	5,149	449,843	1954	[1] 4,826	653,468
1915	3,957	140,993	1947	6,994	830,655	1955	[1] 9,723	979,357
1920	5,527	458,376	1948	4,885	659,779	1956	[1] 11,574	1,281,444
1925	1,974	144,262	1949	5,146	714,780	1957	[1] 13,801	1,621,488
1930	2,220	139,039	1950	3,248	465,141			
1935	3,431	88,414	1951	3,783	612,236			

[1] See footnote 1, table 1075.

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. 1075.—Iron and Steel—Exports, by Kind: 1955 to 1957

No. 1076.—Iron and Steel—Wholesale Price Indexes: 1926 to 1957

[1947-1949=100]

YEAR	Iron and steel, total	YEAR	Iron and steel, total	YEAR	Iron and steel, total	STEEL MILL PRODUCTS		
						Total	Finished	Semi-finished
1926	67.1	1933	52.7	1939	64.2	67.5	68.0	62.9
1927	63.2	1934	58.1	1940	63.8	67.6	68.1	63.2
1928	62.7			1941	64.6	67.9	68.4	63.2
1929	63.6	1935	58.1	1942	65.2	68.0	68.5	63.2
		1936	58.7	1943	65.2	68.1	68.6	63.2
1930	59.7			1944	65.1	68.1	68.6	63.2
1931	55.9	1937	65.8	1945	66.5	69.7	70.2	65.3
1932	53.3	1938	66.1	1946	74.0	75.8	76.4	70.7

YEAR	Iron and steel, total	STEEL MILL PRODUCTS			Pig iron and ferro-alloys	Iron ore	Scrap, iron and steel	Foundry and forge shop products
		Total	Finished	Semi-finished				
1947	89.7	88.8	89.1	85.2	85.3	88.6	96.9	89.4
1948	104.3	101.4	101.3	102.5	101.8	96.5	122.3	103.2
1949	106.0	109.9	109.7	112.3	112.9	114.9	80.8	107.4
1950	113.1	115.7	115.2	121.8	115.6	123.0	104.6	109.1
1951	123.2	124.8	124.5	128.3	126.6	132.3	118.8	119.4
1952	124.7	127.5	127.2	131.2	130.9	137.6	114.2	119.9
1953	131.3	137.6	136.9	145.6	138.4	153.8	103.1	126.4

No. 1078.—Nonferrous Castings—Shipments and Unfilled Orders: 1950 to 1956

[**In thousands of pounds.** Shipments include "for own use." Unfilled orders are for the end of the year and comprise "for sale" only. Data for 1950 based on complete coverage; other years based on sample and subject to sampling variation; see text, pp. 771 and 773]

TYPE OF CASTING	1950	1952	1953	1954	1955	1956
Shipments, all types	2,215,588	1,993,040	2,233,737	2,025,577	2,663,031	2,512,002
Unfilled orders, all types	303,305	326,207	229,356	208,323	273,698	258,096
Copper and copper-base alloy:						
Shipments	1,056,973	1,009,910	993,750	835,930	1,008,898	966,306
Unfilled orders	73,940	76,871	47,922	32,054	57,241	56,556
Aluminum and aluminum-base alloy:						
Shipments	543,082	518,979	661,035	624,973	827,162	794,581
Unfilled orders	113,300	146,499	107,754	99,556	123,881	118,185
Zinc and zinc-base alloy:						
Shipments	579,332	408,353	523,892	520,501	778,000	693,728
Unfilled orders	106,885	85,767	64,047	69,603	86,120	75,293
Magnesium and magnesium-base alloy:						
Shipments	15,224	34,857	34,601	25,777	27,854	36,168
Unfilled orders	7,654	16,020	9,324	6,678	5,981	7,616
Lead and lead-base alloy die: [1]						
Shipments	20,977	20,941	20,459	18,396	21,117	21,219
Unfilled orders	1,526	1,050	(2)	432	475	446

[1] Excludes producers of lead die castings for battery plates and parts who reported shipments of 146 million pounds in 1950.
[2] Withheld because estimates did not meet publication standards.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24E.

No. 1079.—Aluminum and Magnesium—Net Shipments of Mill Products: 1950 to 1957

[**In thousands of pounds.** Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

ITEM	1950	1952	1953	1954	1955	1956	1957
Aluminum mill products	1,713,449	1,924,750	2,286,865	2,086,562	2,791,791	2,885,808	2,677,423
Plate, sheet, and strip	1,163,135	1,085,699	1,368,165	1,165,076	1,542,723	1,568,117	1,396,502
Rolled structural shapes, rod, bar and wire [1]	269,780	443,546	422,046	361,281	367,951	421,201	399,040
Extruded shapes, tube blooms and tubing	258,075	347,542	451,922	513,300	775,092	792,403	789,430
Powder, flake and paste	22,459	47,963	44,732	46,905	35,681	28,421	28,187
Forgings [1]					70,344	75,666	64,264
Magnesium mill products	12,810	18,249	16,885	13,743	21,186	25,423	21,915

[1] Beginning 1955, forgings reported separately; forging stock included with rolled rod and bar for prior years.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M24-1.

No. 1080.—Selected Metal Products—Factory Shipments: 1954 to 1956

Product and unit of measure	1954		1955		1956	
	Quantity (1,000)	Value ($1,000)	Quantity (1,000)	Value ($1,000)	Quantity (1,000)	Value ($1,000)
Containers and closures:						
Steel shipping barrels and drums—number	32,552	----------	36,935	----------	37,991	----------
Steel packages, kegs, and pails—do	69,827	----------	77,708	----------	82,097	----------
Metal cans—short tons of steel consumed	4,143	----------	4,484	----------	4,786	----------
For sale—do	3,658	----------	3,910	----------	4,114	----------
For own use—do	486	----------	574	----------	672	----------
Crowns—gross	313,741	----------	326,733	----------	310,203	----------
Closures (except crowns):						
Commercial, except milk bottle closures—1,000	15,249	----------	16,967	----------	17,306	----------
Milk bottle closures [1]—do	12,669	----------	13,086	----------	12,518	----------
Home canning—gross	14,031	----------	14,227	----------	14,305	----------
Heating and cooking equipment:						
Domestic cooking stoves and ranges—number	3,423	352,628	3,799	403,464	3,477	[2]
Electric [3]—do	1,220	164,110	1,290	179,187	1,200	[2]
Gas, including bungalow—do	2,006	176,298	2,316	213,223	2,117	208,849
Liquid fuel—do	109	4,340	108	4,282	88	3,543
Coal and wood—do	66	3,852	70	3,999	58	3,086
Combination—do	22	4,028	15	2,773	14	2,125
Domestic heating stoves—do	2,694	70,080	3,018	75,659	3,041	80,906
Gas—do	1,432	31,164	1,729	40,192	1,696	41,464
Liquid fuel—do	686	30,695	634	25,193	660	28,010
Coal and wood—do	575	8,221	655	10,274	685	11,432
Water heaters—do	[4] 3,396	[5] 183,818	3,569	195,645	3,804	[2]
Electric [3]—do	799	45,926	685	41,042	870	[2]
Nonelectric—do	[4] 2,597	135,627	2,884	154,603	2,934	162,097
Direct-fired—do	2,474	126,548	2,664	142,557	2,740	148,975
Indirect—do	[4] 123	9,079	220	12,046	194	13,122
Range boilers—do	250	4,466	247	4,457	195	3,596
Cast iron boilers—1,000 pounds	220	52,601	235	58,412	230	66,255
Cast iron radiators and convectors—1,000 sq. ft. heating surface	29	21,042	31	21,513	30	21,912
Oil burners—number	[2]	----------	952	----------	835	----------
Residential—do	[2]	----------	909	----------	793	----------
Nonresidential—do	[2]	----------	43	----------	42	----------
Mechanical stokers—do	16	----------	16	----------	16	----------
Warm air furnaces—do	1,152	218,607	1,406	263,865	1,355	260,694
Forced air—do	1,034	202,725	1,307	249,741	1,272	248,545
Gravity air—do	118	15,882	99	14,124	83	12,149
Construction machinery:						
Power cranes and shovels—do	8	171,404	10	250,571	10	320,779
Dozers—do	18	35,047	20	38,965	22	45,927
Tracklaying tractors—do	40	267,918	49	359,443	55	471,384
Plumbing fixtures:						
Bathtubs, cast iron and steel—do	2,072	----------	2,339	----------	2,087	----------

No. 1081.—Machine Tools—Shipments, by Major Types: 1950 to 1956

[Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

Major type	1950		1954		1955		1956 (prel.)	
	Number	Value ($1,000)	Number	Value ($1,000)	Number	Value ($1,000)	Number	Value ($1,000)
Total	-------	**315,743**	-------	[1] **879,020**	-------	**665,791**	-------	**880,301**
Boring machines	1,363	29,402	[2] 3,187	114,443	2,122	77,372	2,268	91,032
Broaching machines	374	4,883	473	17,253	395	14,457	524	20,309
Drilling machines	9,917	33,129	-------	86,066	-------	53,805	-------	69,555
Gear cutting and finishing machines	1,402	19,819	[2] 2,468	48,111	1,749	36,565	2,175	49,380
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing)	79,274	60,859	[2] 54,040	154,288	60,763	123,899	64,035	172,758
Lathes	30,251	89,716	[2] 21,015	206,886	23,266	153,285	28,576	216,735
Milling machines	6,975	36,452	[2] 10,328	122,518	11,665	89,573	13,861	111,081
Planers	84	3,035	138	10,978	120	7,511	133	6,445
Shapers (except gear shapers)	794	3,397	791	5,692	703	4,646	671	4,746
All other machine tools	-------	35,051	-------	112,785	-------	104,678	-------	138,260

[1] Excludes $11,743,000 value of machine tools not specified by kind. An indeterminate portion of this value represents parts for machine tools, machine tools designed for home workshops, and rebuilt machine tools.
[2] Excludes quantity for machines not specified by kind.

Source: Department of Commerce, Bureau of the Census; published in *Facts for Industry*, Series M34A.

No. 1082.—Machinery (Except Electrical)—Value of Shipments of Selected Products: 1947 to 1955

[In thousands of dollars. Figures for 1950 and 1955 based on sample and subject to sampling variation; see Technical Note, p. 773]

Product	1947	1950	1954	1955
Ball and roller bearings and components	352,501	450,495	533,796	673,933
Commercial laundry, dry-cleaning, and pressing machines [1]	93,078	77,441	76,637	86,807
Computing machines and cash registers [1]	301,809	349,670	501,311	581,516
Construction and mining machinery	932,430	973,503	1,159,170	1,456,236
Conveyors	234,074	240,696	431,774	419,444
Cutting tools, jigs, fixtures, etc	675,251	835,823	1,623,859	(2)
Domestic laundry equipment	433,955	532,084	596,349	732,870
Elevators and moving stairways [1]	96,421	102,195	128,102	130,952
Fabricated pipe and fittings made from purchased pipe	109,991	(2)	214,133	209,690
Farm machinery (except tractors)	844,251	1,051,877	1,060,306	1,127,668
Food-products machinery	334,733	323,609	371,408	382,670
Heat exchangers and steam condensers	52,627	76,621	162,757	124,287
Household mechanical refrigerators, incl. electric and gas	514,682	925,131	574,356	712,565
Industrial fans and blowers, including parts	129,913	129,785	274,045	273,840
Industrial furnaces and ovens	84,563	71,906	154,284	159,447
Industrial trucks, tractors, trailers, and stackers [1]	156,754	166,259	254,822	311,908
Internal combustion engines, exc. automotive and aircraft [3]	617,257	(4)	[5] 923,115	(4)
Machine tools	415,880	363,477	1,001,176	801,419
Mechanical power-transmission equipment	426,282	463,833	595,019	700,351
Mechanical stokers [1]	36,033	19,153	16,023	15,538
Office and store machines	178,890	208,399	236,998	271,318
Oil and gas field machinery and tools, incl. drilling equipment	262,939	333,048	468,716	647,255
Paper-industries machinery [1]	134,713	114,994	176,172	206,986
Printing-trades machinery and equipment [1]	191,282	200,682	228,774	247,990
Pumps and compressors	519,765	504,195	867,400	923,979
Scales and balances [1]	51,489	53,274	59,409	66,980
Sewing machines [6]	97,182	170,636	107,492	125,551
Steam engines and turbines	119,027	223,178	426,197	379,508
Textile machinery [1]	379,988	428,780	304,053	383,938
Tractors [7]	744,273	1,098,049	1,070,836	1,330,843
Typewriters [1]	140,163	130,410	141,677	164,473
Vacuum cleaners	150,647	167,260	144,182	176,208
Valves and fittings (except plumbing)	548,715	711,778	911,678	1,086,524
Woodworking machinery	151,379	137,347	163,431	185,259

[1] Includes parts and attachments.
[2] Withheld because the estimate did not meet publication standards.
[3] Represents shipments to other companies only. [4] Not available.
[5] Includes interplant transfers not segregated by type of engine.
[6] Includes parts and attachments (except cases and cabinets, and sewing machine needles).
[7] Includes parts and attachments for replacement; beginning 1954 includes parts and attachments sold to other tractor plants, excluded for prior years.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures* and *U. S. Census of Manufactures: 1954*, Vol. II.

No. 1083.—Electrical Machinery and Related Products—Value of Shipments: 1947 to 1955

[**In thousands of dollars.** Figures for 1950 and 1955 are based on sample and subject to sampling variation; see Technical Note, p. 773]

PRODUCT	1947	1950	1954	1955
Carbon and graphite products	68,604	99,750	114,519	152,176
Electric lamps (bulbs)	191,706	243,157	309,650	337,426
Electrical appliances:				
Electric fans (except industrial type)	48,656	60,402	88,359	74,504
Household water heaters	60,478	63,522	48,214	48,904
Small household electric appliances and soldering irons (except fans)	249,169	306,004	370,591	426,105
Household ranges	132,235	218,478	164,110	223,715
Electrical equipment for internal combustion engines	337,015	486,964	564,325	699,611
Electrical hearing aids	16,868	23,073	29,032	31,831
Electrical measuring instruments	156,340	149,800	347,154	398,868
Electrical welding apparatus	107,616	109,825	160,025	212,346
Electron tubes:				
Transmitting and industrial type tubes, except X-ray tubes	25,321	(1)	162,554	180,702
Radio receiving-type tubes, except cathode ray	86,795	197,732	288,821	358,593
Cathode ray tubes (TV receiver type)	7,137	(1)	212,968	205,284
Electro-therapeutic apparatus	7,601	7,967	14,428	(1)
Insulated wire and cable	895,128	879,915	1,026,695	1,379,613
Motors and generators	855,577	888,136	1,324,280	1,342,157
Phonograph records	102,015	85,203	80,224	79,655
Primary batteries (dry and wet) including parts and supplies	78,094	95,491	117,926	121,403
Radios and related products:				
Household radio receivers, televisionsets, radio phonographs, phonographs, and record players	810,066	1,687,073	1,384,560	1,580,320
Commercial radio communications, radio navigation aids, and broadcast equipment	225,262	268,611	1,374,879	1,167,005
Electronic type components for communications	348,916	697,356	987,928	1,060,655
Recorders, amplifiers, audio equipment, and recording magnetic wire	31,884	46,597	71,951	77,842
Storage batteries	293,358	318,546	336,118	365,159
Switchgear and switchboard apparatus	360,988	331,736	696,677	631,890
Telephone and telegraph equipment, including components, attachments, and accessories	631,919	449,546	755,469	919,784
Transformers	326,777	405,480	628,917	622,624
Wiring devices and supplies	375,653	491,959	569,229	698,309
X-ray equipment and X-ray tubes [2]	49,559	40,277	53,572	50,178

[1] Withheld because the estimate did not meet publication standards.
[2] Includes X-ray accessories and dental and industrial X-ray components and assemblies.

Source: Department of Commerce, Bureau of the Census; *Annual Survey of Manufactures* and *U. S. Census of Manufactures: 1954*, Vol. II.

No. 1084.—Exports of Electric Home Appliances—Number: 1940 to 1957

[**In thousands.** Export figures include shipments under foreign aid programs such as UNRRA, Interim Aid ECA, and FOA; Civilian Supply shipments are included in 1950 and subsequent years]

PRODUCT	1940	1945	1950	1953	1954	1955	1956	1957
Vacuum cleaners	10	1	20	56	50	69	90	103
Clocks	87	27	315	217	170	212	214	180
Irons	163	54	241	155	169	170	172	143
Radios and televisions	558	39	423	451	395	388	415	392
Refrigerators [1]	102	7	200	404	322	361	374	352
Razors	37	2	25	(2)	(2)	(2)	(2)	(2)
Washing machines	30	1	53	81	80	83	92	91
Ranges	7	1	6	22	25	34	26	19

[1] Beginning 1950 includes home freezers. [2] Not separately reported.

Source: Department of Commerce, Bureau of the Census; 1940 and 1945, *Foreign Commerce and Navigation of the United States;* thereafter, *Quarterly Summary of Foreign Commerce of the United States*, and records.

No. 1085.—Manufacturers' Sales of Home Appliances, 1940 to 1957, Retail Value, 1955 to 1957, and Homes Owning and Without Appliances, 1958

Lamp bulbs and tubes sales in millions; other figures in thousands. Compiled from sales reports and estimates of associations and manufacturers, and from Census Bureau surveys of manufactures. Sales figures represent manufacturers' sales including exports. Unless otherwise specified, figures are for electric appliances only. Estimates for homes owning appliances and homes without appliances are based on the accumulation of yearly sales totals with certain allowances for replacement, trade-ins, junking, and other factors]

PRODUCT	1940	1950	1955		1956		1957		JAN. 1958	
			Sales (units)	Retail value	Sales (units)	Retail value	Sales (units)	Retail value	Homes owning [1]	Homes without [1]
Air conditioners, room	11	201	1,276	$382,650	1,828	$534,800	1,600	$506,400	4,650	43,950
Bed coverings, electric	------	800	1,460	44,530	2,085	58,380	2,200	57,200	7,400	41,200
Blenders	------	225	405	14,415	480	16,776	510	19,354	3,106	45,500
Cleaners, vacuum (floor type)	1,341	3,529	3,270	285,702	3,722	304,377	3,275	276,312	33,200	15,400
Clocks	3,600	8,100	7,200	50,040	9,750	65,812	8,400	54,600	36,400	12,200
Coffee makers, automatic	------	900	3,675	71,663	5,100	98,685	4,400	85,850	20,500	28,100
Dehumidifiers	------	45	96	12,192	275	34,375	225	26,100	910	47,690
Dishwashers, motor-driven	------	230	295	90,270	400	116,000	390	104,250	2,525	46,075

No. 1086.—Shipments of Air-Conditioning and Refrigeration Equipment: 1945 to 1956

[**Value figures in thousands of dollars.** Represent manufacturer's billing prices for units actually billed and shipped. Data for earlier years are less complete, and thus not strictly comparable]

PRODUCT	1945		1950		1955		1956	
	Number	Value	Number	Value	Number	Value	Number	Value
Condensing units	354,491	36,902	885,913	75,833	589,335	71,067	619,922	82,299
Ammonia refrigerants	1,785	2,503	245	352	84	154	58	120
Refrigerants except ammonia	352,616	34,399	885,668	75,481	589,251	70,913	619,864	82,170
Air-cooled	327,031	23,378	835,239	59,035	523,200	46,050	550,301	55,146
Water-cooled	25,585	11,021	50,429	16,446	66,051	24,863	69,563	27,024
Compressors and compressor units	107,340	9,578	954,368	46,977	2,554,031	116,917	3,780,931	166,220
Centrifugal-refrigeration systems	185	2,994	382	12,249	818	25,732	921	29,105
Heat-exchanger equipment		22,422		61,337		114,064		146,486
Evaporative condensers	2,885	2,829	7,818	8,869	5,883	9,597	5,712	10,203
Unit coolers	91,003	10,186	133,300	24,588	97,034	15,053	96,754	16,292
Other heat-exchanger equipment		9,407		27,880		89,414		119,991
Packaged air-conditioning equipment		[1]		[1]		309,862		494,028
Ice-making machines	2,805	4,044	14,914	8,907	31,521	16,369	31,416	18,112

[1] Not available.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M52A.

No. 1087.—Farm Machines and Equipment—Shipments: 1929 to 1956

[**In thousands of dollars.** Includes data for tractors for nonfarm use; for figures excluding these data, see table 1089; Survey suspended 1932-34. Data prior to 1947 represent sales, not significantly different from shipments]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929	492,992	411,681	81,311	1945	996,557	697,422	299,135
1930	417,926	340,276	77,650	1946	983,515	699,965	283,550
1931	208,575	157,745	50,830	1947	1,502,598	1,100,592	402,006
1935	277,089	218,462	58,627	1948	1,961,987	1,475,998	485,989
1936	375,128	301,683	73,445	1949	2,062,266	1,588,435	473,831
1937	485,130	405,597	79,533	1950	2,099,807	1,637,272	462,535
1938	404,047	316,886	87,161	1951	2,635,996	2,029,779	606,217
1939	386,549	300,286	86,263	1952	2,397,535	1,812,286	585,249
1940	462,415	360,963	101,452	1953	2,274,942	1,748,460	526,482
1941	638,605	506,170	132,435	1954	[1] 1,877,361	1,405,755	471,606
1942	622,528	414,536	207,992	1955	2,243,000	1,693,689	549,311
1943	602,290	344,854	257,436	1956	2,304,578	1,650,452	654,126
1944	1,026,207	694,880	331,327				

[1] Excludes $20,611,000 in farm machines and equipment not specified by kind which could not be separated between complete units and attachments and parts.

Source: Department of Commerce, Bureau of the Census; *Facts for Industry*, Series M35A.

No. 1088. Tractors, Attachments, and Parts (Domestic and Export)—Shipments

[redacted]

[Value in thousands of dollars. Data for 1945 represent sales, not significantly different from shipments]

YEAR AND TYPE OF PRODUCT	Total value	COMPLETE UNITS				ATTACHMENTS AND PARTS (value)	
		Domestic		Export		Domestic	Export
		Number	Value	Number	Value		
Total:							
1945	559,378	252,086	329,171	63,566	55,325	155,992	18,890
1950	1,098,049	604,686	649,972	93,658	170,059	218,287	59,731
1952	1,293,481	591,502	743,543	76,322	181,072	281,051	87,815
1953	1,271,834	573,213	729,925	79,548	218,362	248,736	74,811
1954 [1]	(2)	367,909	538,247	68,443	193,354	(2)	(2)
1955 [3]	1,330,843	(2)	(2)	(2)	(2)	(2)	(2)
1956	1,449,791	(2)	(2)	(2)	(2)	(2)	(2)
Wheel type:							
1945	250,069	186,281	126,357	57,411	42,539	67,427	13,746
1950	705,152	425,815	478,238	74,102	96,057	111,315	19,542
1952	774,072	360,366	516,847	56,811	98,829	129,436	28,960
1953	726,937	336,401	494,981	53,965	95,341	112,470	24,145
1954	(2)	212,832	360,404	43,860	82,863	(2)	(2)
1955 [3]	737,341	(2)	(2)	(2)	(2)	(2)	(2)
1956	664,169	(2)	(2)	(2)	(2)	(2)	(2)
Tracklaying:							
1945	303,269	39,404	199,461	4,594	12,547	86,255	5,006
1950	360,437	29,167	150,205	15,433	73,282	97,115	39,835
1952	477,920	33,596	199,352	14,559	81,489	138,682	58,397
1953	500,143	31,692	206,698	18,905	121,998	121,387	50,060
1954	403,166	23,783	158,580	16,591	109,338	94,860	40,388
1955	556,764	31,036	225,831	17,855	133,612	(2)	(2)
1956	747,998	34,461	286,402	20,956	184,982	(2)	(2)
Garden type:							
1945	6,040	26,401	3,353	1,561	239	2,310	138
1950	32,460	149,704	21,529	4,123	720	9,857	354
1952	41,489	197,540	27,344	4,952	754	12,933	458
1953	44,754	205,120	28,246	6,678	1,023	14,879	606
1954 [1]	(2)	131,294	19,263	7,992	1,153	(2)	(2)
1955	36,738	187,724	23,237	4,900	763	12,080	658
1956	37,624	195,409	24,086	7,822	1,029	11,775	734

[1] Excludes 51,949 motor tillers of 2 engine horsepower and under, valued at $4,428,000, for which no data are available on domestic or export shipments. [2] Not available.

[3] Excludes 4,021 contractors' off-highway wheel tractors valued at $62,658,000 for which no data are available