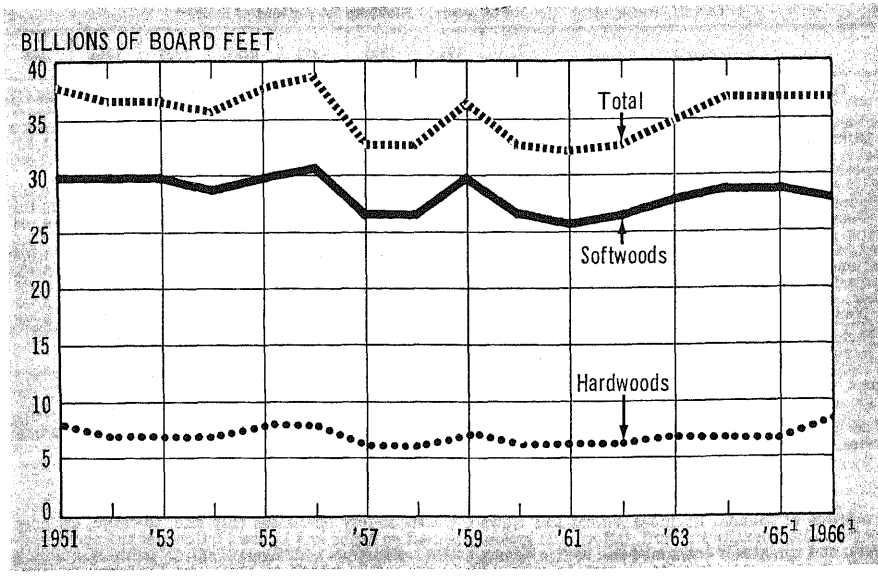
Fig. XLII. LUMBER PRODUCTION: 1951 TO 1966

[See table 982]

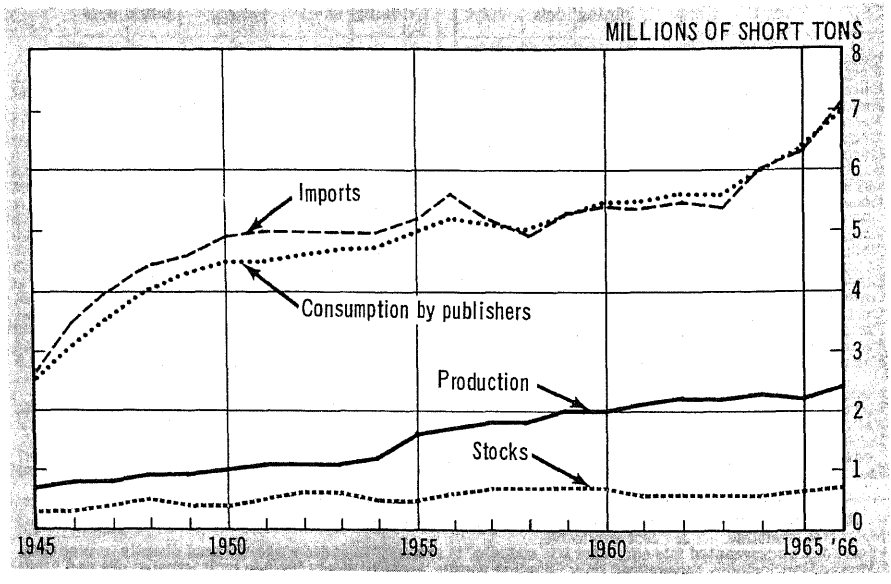


[1] Preliminary.

Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from National Forest Products Association, Washington, D.C.

Fig. XLIII. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, AND IMPORTS: 1945 TO 1966

[See table 995]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of Commerce, Office of Business Economics, and Bureau of the Census.

Section 25

Forests and Forest Products

This section presents basic statistics on the area and ownership of commercial forest land, and on the annual growth, cut, and volume of timber on this land; forestry statistics covering the national forests and Forest Service cooperative programs; product statistics for lumber, pulpwood, wood pulp, paper and paperboard, turpentine, rosin, and veneer logs; and other similar data.

The principal sources of these data are *Timber Trends in the United States*, issued in 1965 by the Forest Service of the Department of Agriculture, and *The Demand and Price Situation for Forest Products, National Forest System*, and *Forest Fire Statistics*, issued annually by the Forest Service; and reports of the quinquennial Census of Manufactures and the monthly and quarterly *Current Industrial Reports*, issued by the Bureau of the Census. Additional information in this field is published in the *Annual Report* of the National Forest Reservation Commission, the *Annual Naval Stores Report* of the Department of Agriculture's Statistical Reporting Service, the monthly *Survey of Current Business* of the Office of Business Economics, and the monthly *Fingertip Facts and Figures* of the National Forest Products Association, Washington, D.C.

The Bureau of the Census also collects statistics on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the Association of American Railroads.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those which have not been surveyed. Estimates of fire damage or causes of fires are not completely reliable, although forest fire statistics for Federal lands are considered much better than those for private lands. In the field of forest products, much more data are available for lumber production and other manufactured products such as veneer and plywood, pulp and paper, naval stores, etc., than for the primary forest products such as poles and piling, fuelwood, and fence posts.

A historical series for production, imports, exports, and consumption of forest products is included in table 1021.

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

No. 972. Forest Land—Total and Commercial, by States: 1963

[In thousands of acres. As of January 1]

STATE	Total forest land	COMMERCIAL FOREST LAND [1]								
		All ownerships	Federally owned or managed			State, county, and municipal	Private			
			Total	National forest	Other		Total	Farm	Wood-using industries	Other
United States	758,865	508,845	113,176	96,804	16,372	28,692	366,977	151,017	66,628	149,332
The North	178,440	171,789	12,508	10,265	2,243	19,499	139,782	55,503	14,316	69,963
New England	31,886	31,451	906	831	75	905	29,640	4,727	8,104	16,809
Connecticut	1,990	1,973	1	–	1	154	1,818	349	3	1,466
Maine	17,425	17,169	66	39	27	139	16,964	1,715	6,521	8,728
Massachusetts	3,288	3,259	29	–	29	370	2,860	512	259	2,089
New Hampshire	5,019	4,907	579	569	10	118	4,210	725	793	2,692
Rhode Island	434	430	–	–	–	26	404	62	–	342
Vermont	3,730	3,713	231	223	8	98	3,384	1,364	528	1,492
Middle Atlantic	46,646	43,888	1,538	1,319	219	4,170	38,180	10,136	2,329	25,715
Delaware	392	391	1	–	1	8	382	191	124	67
Maryland	2,920	2,897	54	–	54	160	2,683	953	57	1,673
New Jersey	2,229	2,120	17	–	17	237	1,866	251	4	1,611
New York	14,450	12,002	98	–	98	797	11,107	3,011	1,172	6,924
Pennsylvania	15,186	15,089	485	450	35	2,815	11,789	2,909	442	8,438
West Virginia	11,469	11,389	883	869	14	153	10,353	2,821	530	7,002
Lake	55,211	52,392	7,554	5,933	1,621	13,687	31,151	13,931	3,196	14,024
Michigan	19,699	19,121	2,540	2,420	120	3,780	12,801	3,841	1,548	7,412
Minnesota	19,047	17,056	2,813	2,141	672	6,720	7,523	3,344	715	3,464
North Dakota	439	424	118	–	118	10	296	173	–	123
South Dakota (east)	438	395	173	–	173	21	201	201	–	–
Wisconsin	15,588	15,396	1,910	1,372	538	3,156	10,330	6,372	933	3,025
Central	44,697	44,058	2,510	2,182	328	737	40,811	26,709	687	13,415
Illinois	3,871	3,761	229	188	41	11	3,521	2,216	17	1,288
Indiana	4,018	3,960	177	112	65	117	3,666	2,883	9	774
Iowa	2,620	2,595	13	3	10	24	2,558	2,282	–	276
Kansas	1,668	1,664	1	–	1	–	1,663	1,160	–	503
Kentucky	10,891	10,840	575	438	137	77	10,188	5,188	308	4,692
Missouri	15,296	14,977	1,361	1,310	51	224	13,392	9,228	279	3,885
Nebraska	1,162	1,140	66	43	23	12	1,062	908	–	154
Ohio	5,171	5,121	88	88	–	272	4,761	2,844	74	1,843
The South	220,304	201,069	14,062	10,476	3,586	2,820	184,187	78,897	37,422	67,868
South Atlantic	48,994	47,604	3,361	2,591	770	606	43,637	29,127	8,180	6,330
North Carolina	20,862	20,216	1,247	963	284	290	18,679	13,327	4,047	1,305
South Carolina	11,640	11,559	837	543	294	176	10,546	5,637	2,503	2,406
Virginia	16,492	15,829	1,277	1,085	192	140	14,412	10,163	1,630	2,619
East Gulf	46,269	44,772	3,314	1,771	1,543	715	40,743	18,350	9,971	12,422
Florida	19,904	18,474	1,640	1,030	610	580	16,254	3,485	5,285	7,484
Georgia	26,365	26,298	1,674	741	933	135	24,489	14,865	4,686	4,938
Central Gulf	53,685	53,361	2,900	2,329	571	1,019	49,442	19,211	7,908	22,323
Alabama	21,770	21,742	799	630	169	202	20,741	7,632	4,074	9,035
Mississippi	18,008	17,976	1,267	1,108	159	452	16,257	5,834	2,888	7,535
Tennessee	13,907	13,643	834	591	243	365	12,444	5,745	946	5,753
West Gulf	71,356	55,332	4,487	3,785	702	480	50,365	12,209	11,363	26,793
Arkansas	21,591	21,530	2,641	2,373	268	205	18,684	5,613	4,028	9,043
Louisiana	16,576	16,512	704	575	129	181	15,627	2,808	3,223	9,596
Oklahoma	9,235	5,299	423	219	204	60	4,816	1,353	984	2,479
Texas	23,954	11,991	719	618	101	34	11,238	2,435	3,128	5,675
The West	360,121	135,987	86,606	76,063	10,543	6,373	43,008	16,617	14,890	11,501
Pacific Northwest	172,276	51,884	29,123	24,009	5,114	3,269	19,492	5,896	9,410	4,186
Alaska	118,487	5,761	5,585	5,304	281	146	30	–	–	30
Oregon	30,739	26,613	15,379	12,545	2,834	923	10,311	3,329	5,009	1,973
Washington	23,050	19,510	8,159	6,160	1,999	2,200	9,151	2,567	4,401	2,183
Pacific Southwest	44,523	18,480	9,162	8,656	506	681	8,637	1,952	2,945	3,740
California	42,541	17,391	9,153	8,656	497	194	8,044	1,586	2,945	3,513
Hawaii	1,982	1,089	9	–	9	487	593	366	–	227
Northern Rocky Mt.	55,039	39,287	28,467	26,209	2,258	1,753	9,067	4,076	2,323	2,668
Idaho	21,815	15,823	11,817	11,310	507	940	3,066	1,229	1,204	633
Montana	22,048	17,300	11,801	10,578	1,223	639	4,860	2,002	1,047	1,811
South Dakota (west)	1,399	1,311	966	957	9	63	282	223	17	42
Wyoming	9,777	4,853	3,883	3,364	519	111	859	622	55	182
Southern Rocky Mt.	88,283	26,336	19,854	17,189	2,665	670	5,812	4,693	212	907
Arizona	19,902	3,870	3,701	2,551	1,150	34	135	46	69	20
Colorado	22,583	12,275	8,907	8,384	523	235	3,133	2,649	14	470
Nevada	12,036	109	32	30	2	–	77	11	–	66
New Mexico	18,807	6,083	4,118	3,441	677	161	1,804	1,447	129	228
Utah	14,955	3,999	3,096	2,783	313	240	663	540	–	123

– Represents zero.

[1] Comprises all land which was (*a*) producing, or physically capable of producing, usable crops of wood, (*b*) economically available on date shown or prospectively, and (*c*) not withdrawn from timber utilization.

Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.

No. 973. Sawtimber and Growing Stock—Growth and Cut, 1962, and Volume, 1963, on Commercial Forest Land, by States

[Sawtimber comprises all live trees of commercial species which contain at least 1 saw log defined as follows: Softwoods must be at least 9.0 inches in diameter, breast height, except in California, Oregon, Washington, and coastal Alaska where the minimum diameter is 11.0 inches. Hardwoods must be at least 11.0 inches in diameter in all States. Growing stock comprises all live sawtimber trees, poletimber trees, saplings, and seedlings meeting specified standards of quality or vigor; excludes cull trees]

State	Sawtimber (mil. bd. ft. int'l ¼ inch log rule)					Growing stock (mil. cu. ft.)				
	Net annual growth, 1962 [1]	Net annual cut, 1962 [2]	Net volume, 1963 [3]			Net annual growth, 1962 [1]	Net annual cut, 1962 [2]	Net volume, 1963 [3]		
			Total	Softwood	Hardwood			Total	Softwood	Hardwood
United States	54,853	48,401	2,536,799	2,058,022	478,777	16,265	10,148	627,882	434,082	193,800
The North	12,475	6,126	309,774	66,627	243,147	4,836	1,696	136,469	31,306	105,163
New England [4]	1,967	1,348	54,428	30,368	24,060	1,002	398	30,695	16,003	14,692
Connecticut	90	42	2,277	190	2,087	42	20	1,536	117	1,419
Maine	1,069	890	31,282	20,657	10,625	575	260	17,848	11,679	6,169
Massachusetts	101	86	2,553	851	1,702	52	27	2,027	510	1,517
New Hampshire	395	191	9,011	5,859	3,152	188	50	4,679	2,537	2,142
Vermont	306	134	9,113	2,784	6,329	138	38	4,395	1,143	3,252
Middle Atlantic	4,316	1,759	103,704	13,744	89,960	1,686	486	46,611	5,664	40,947
Delaware	52	31	1,255	546	709	18	8	535	238	297
Maryland	376	181	8,792	1,669	7,123	130	48	3,695	833	2,862
New Jersey	139	60	3,543	604	2,939	51	21	1,462	314	1,148
New York	1,128	469	31,983	7,009	24,974	420	127	14,147	2,757	11,390
Pennsylvania	1,254	573	27,732	2,351	25,381	547	177	14,929	955	13,974
West Virginia	1,367	445	30,399	1,565	28,834	520	105	11,843	567	11,276
Lake [4]	2,604	1,300	59,705	18,213	41,492	1,152	469	31,896	8,350	23,546
Michigan	1,036	495	26,496	7,400	19,096	415	166	12,520	3,233	9,287
Minnesota	875	329	15,519	6,560	8,959	389	135	9,802	3,607	6,195
Wisconsin	633	467	16,296	4,201	12,095	326	165	8,866	1,499	7,367
Central	3,588	1,719	91,937	4,302	87,635	996	343	27,267	1,289	25,978
Illinois	209	173	8,576	28	8,548	85	30	2,344	16	2,328
Indiana	481	188	12,565	62	12,503	117	33	3,359	33	3,326
Iowa	217	75	6,194	6	6,188	50	15	1,644	4	1,640
Kansas	142	33	4,280	10	4,270	30	7	1,158	9	1,149
Kentucky	1,396	632	29,261	2,485	26,776	365	123	8,687	671	8,016
Missouri	482	335	12,612	879	11,733	182	70	5,021	338	4,683
Nebraska	58	16	1,672	423	1,249	12	4	437	104	333
Ohio	603	267	16,777	409	16,368	155	61	4,617	114	4,503
The South	25,330	15,375	412,070	224,757	187,313	7,469	4,236	134,086	62,688	71,398
South Atlantic	6,738	4,790	117,554	54,697	62,857	2,013	1,197	40,516	17,053	23,463
North Carolina	3,208	2,004	55,443	28,006	27,437	906	489	18,701	8,445	10,256
South Carolina	1,555	1,299	24,991	13,990	11,001	492	340	8,122	4,258	3,864
Virginia	1,975	1,487	37,120	12,701	24,419	615	368	13,693	4,350	9,343
East Gulf	4,913	2,825	69,890	44,661	25,229	1,519	836	24,663	14,854	9,809
Florida	1,342	826	22,034	15,253	6,781	414	254	7,145	4,758	2,387
Georgia	3,571	1,999	47,856	29,408	18,448	1,105	582	17,518	10,096	7,422
Central Gulf	6,166	3,811	93,619	49,746	43,873	1,786	1,121	30,359	13,379	16,980
Alabama	3,297	1,687	46,602	28,307	18,295	856	524	14,448	7,673	6,775
Mississippi	1,969	1,305	26,364	17,111	9,253	611	387	8,436	4,424	4,012
Tennessee	900	819	20,653	4,328	16,325	319	210	7,475	1,282	6,193
West Gulf	7,513	3,949	131,007	75,653	55,354	2,151	1,082	38,548	17,402	21,146
Arkansas	2,369	1,607	42,348	26,363	15,985	707	424	12,702	5,909	6,793
Louisiana	2,985	1,368	52,280	25,140	27,140	839	390	15,204	5,704	9,500
Oklahoma	241	124	4,754	2,483	2,271	77	34	1,608	618	990
Texas	1,918	850	31,625	21,667	9,958	528	234	9,034	5,171	3,863
The West	17,048	26,900	1,814,955	1,766,638	48,317	3,960	4,216	357,327	340,088	17,239
Pacific Northwest	9,951	17,138	1,091,929	1,055,470	36,459	2,379	2,617	203,085	191,867	11,218
Alaska	379	618	182,555	180,930	1,625	64	97	35,064	34,718	346
Oregon	3,655	10,795	536,309	515,879	20,430	874	1,617	95,123	89,203	5,920
Washington	5,917	5,725	373,065	358,661	14,404	1,441	903	72,898	67,946	4,952
Pacific Southwest [4]	3,527	5,923	304,634	302,298	2,336	651	947	55,518	54,861	657
California	3,527	5,920	303,912	302,298	1,614	651	947	55,298	54,861	437
Northern Rocky Mt [4]	2,429	2,878	271,192	269,645	1,547	586	487	61,738	60,855	883
Idaho	1,212	1,435	126,801	126,484	317	283	249	26,514	26,244	270
Montana	892	1,277	112,637	111,799	838	197	206	26,770	26,486	284
South Dakota (west)	46	53	3,430	3,423	7	21	12	996	991	5
Wyoming	279	113	28,324	27,939	385	85	20	7,458	7,134	324
Southern Rocky Mt [4]	1,141	961	147,200	139,225	7,975	344	165	36,986	32,505	4,481
Arizona	329	397	28,287	28,098	189	70	65	6,236	6,116	120
Colorado	514	230	64,258	60,477	3,781	161	43	17,337	14,897	2,440
New Mexico	198	251	31,742	29,872	1,870	56	41	7,437	6,876	561
Utah	95	80	22,341	20,213	2,128	56	15	5,825	4,490	1,335

[1] Comprises natural growth and excludes catastrophic losses.
[2] Sawtimber and poletimber trees removed from inventory by harvesting, land use change, or silviculture treatment. [3] As of Jan. 1. [4] Includes States not shown separately.

Source: Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.

No. 974. National Forest Lands and Purchases: 1940 to 1966

[Area as of June 30, purchases for years ending June 30. Includes Puerto Rico. Lands to be purchased must be approved by National Forest Reservation Commission, which also sets prices at which such lands may be acquired. Actual purchases are made by Department of Agriculture. See also *Historical Statistics, Colonial Times to 1957*, series L 1–5]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Areas: [1]								
Gross area within unit boundaries ... mil. acres	228	229	236	227	226	226	226	227
National Forest System lands ... mil. acres	177	181	188	186	186	186	187	[2] 186
Purchases:								
Gross area approved for purchase ... acres	553,077	61,078	18,665	7,845	24,698	40,873	28,507	171,947
Average price per acre	$3.98	$8.71	$10.30	$14.76	$72.69	$39.14	$46.67	$77.39
Total price ... $1,000	2,203	532	192	114	1,795	1,600	1,331	13,307
Purchase completed ... acres	659,572	96,963	12,063	7,547	12,001	23,661	33,239	36,091
Average price per acre	$4.14	$7.28	$12.23	$31.21	$90.23	$58.83	$38.97	$50.93
Total price ... $1,000	2,733	706	148	237	1,083	1,392	1,295	1,838

[1] Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, experimental areas and land utilization projects. [2] Excludes lands in process of acquisition.

Source: Dept. of Agriculture, Forest Service; annual report, *National Forest System*, and National Forest Reservation Commission; *Annual Report*.

No. 975. National Forest Land Purchases—States and Puerto Rico: Cumulative to June 30, 1966

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts. See headnote, table 974]

STATE OR OTHER AREA	Gross area [1] (1,000 acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED		
		Acres (1,000)	Average price per acre	Total price ($1,000)	Acres (1,000)	Average price per acre	Total price ($1,000)
Total	**55,557**	**19,206**	**$4.90**	**94,035**	**19,036**	**$4.25**	**80,890**
Alabama	1,252	504	3.68	1,855	504	3.67	1,851
Arkansas	3,431	1,224	3.63	4,447	1,216	3.31	4,027
California	2,884	153	9.10	1,393	153	9.10	1,393
Florida	1,223	783	3.24	2,535	783	3.21	2,513
Georgia	1,538	610	6.11	3,725	605	5.26	3,184
Idaho	727	37	3.56	131	37	3.56	131
Illinois	809	206	9.06	1,870	199	6.68	1,329
Indiana	723	124	10.87	1,343	118	8.51	1,007
Iowa	5	5	9.11	43	5	9.11	43
Kentucky	2,003	527	7.78	4,098	461	4.17	1,924
Louisiana	957	552	2.99	1,651	552	2.99	1,651
Maine	93	50	6.60	327	50	6.60	327
Michigan	4,771	1,923	6.45	12,405	1,903	3.30	6,276
Minnesota	5,042	1,613	5.20	8,394	1,612	5.16	8,321
Mississippi	2,090	1,006	3.58	3,595	1,005	3.55	3,570
Missouri	3,008	1,343	3.10	4,166	1,331	2.59	3,449
Nevada	3,835	19	9.49	183	19	9.49	183
New Hampshire	805	676	7.77	5,250	676	7.77	5,250
New Mexico	93	21	1.92	40	21	1.92	40
North Carolina	3,163	1,037	5.48	5,680	1,036	5.20	5,384
North Dakota	1	(Z)	10.00	5	(Z)	10.00	5
Ohio	1,455	119	9.56	1,139	112	7.95	891
Oklahoma	258	186	2.50	466	186	2.50	466
Oregon	70	52	17.03	894	52	17.03	894
Pennsylvania	726	476	7.23	3,443	471	6.31	2,972
South Carolina	1,374	563	6.27	3,533	563	6.26	3,527
Tennessee	1,212	567	4.75	2,693	565	4.56	2,575
Texas	1,182	653	4.62	3,017	653	4.62	3,017
Utah	2,993	155	4.75	736	150	4.47	671
Vermont	629	230	9.45	2,169	229	9.29	2,126
Virginia	3,221	1,493	4.11	6,158	1,476	3.75	5,533
West Virginia	1,825	916	3.73	3,413	908	3.49	3,165
Wisconsin	1,974	1,371	2.22	3,041	1,369	2.19	2,999
Puerto Rico	186	14	13.94	196	14	13.94	196

Z Less than 500 acres. [1] See footnote 1, table 974.

Source: National Forest Reservation Commission; *Annual Report*.

No. 976. National Forests—Summary: 1940 to 1966

[**Money figures in thousands of dollars.** For years ending June 30, except as noted. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series J 41–42 and L 7–22]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Livestock grazing:[1]								
Cattle, horses, and swine [2] 1,000	1,314	1,128	1,148	1,307	1,339	1,360	1,376	(NA)
Sheep and goats 1,000	4,968	3,013	2,830	2,574	2,280	2,204	2,112	(NA)
Roads and trails:								
Road construction and reconstr. ..... miles	[3] 3,654	453	767	851	1,150	1,524	1,613	[4] 1,496
Trail construction and reconstr. ..... miles	2,221	828	184	142	336	525	671	[4] 668
Expenditures (maint. and constr.)	[3] 23,511	15,036	29,413	43,151	60,601	77,249	105,472	125,058
Timber cut, total value [5]	5,168	31,140	71,231	157,094	135,173	151,880	161,880	196,427
Commercial and cost sales: [6]								
Volume ..... mil. bd. ft.	1,740	3,502	6,328	9,367	10,026	10,954	11,244	12,138
Value	4,807	30,714	70,761	156,424	134,406	151,075	161,106	195,590
Free use:								
Volume ..... mil. bd. ft.	326	121	106	123	164	186	191	181
Value [7]	304	215	204	216	253	276	280	265
Misc. forest products, value	57	211	266	454	514	529	494	572
Receipts, total	5,859	34,485	79,521	146,348	124,512	135,722	147,411	173,901
Timber use	3,943	30,269	75,044	139,903	117,388	127,960	138,769	164,936
Grazing use	1,463	3,385	2,953	3,665	3,386	3,182	3,040	3,325
Special land use, water power, etc.	453	831	1,524	2,780	3,738	4,580	5,602	5,640
Payments to States and Puerto Rico [8]	1,456	8,478	19,573	35,672	30,225	33,083	35,757	42,190
25-percent fund	1,433	8,363	19,413	35,222	29,789	32,608	35,295	41,669
Ariz. and N. Mex. school fund	23	72	114	140	100	108	112	103
Minnesota	–	44	46	123	131	138	141	145
Alaska (Tongass suspense account) [9]	–	(NA)	(NA)	187	205	229	210	273
Allotments to Forest Service [10]	678	3,484	7,776	14,176	12,061	13,187	14,255	16,827

– Represents zero. NA Not available.

[1] Number permitted to graze. Beginning 1960, figures include national grasslands and land utilization project lands. Calendar-year data. Excludes Puerto Rico. [2] Excludes animals under 6 months of age.

[3] Includes forest highway construction. [4] Includes national grasslands.

[5] Includes all National Forest system lands. [6] Includes land exchanges.

[7] Includes some free use timber not reducible to board feet.

[8] Payments made in following year. [9] Total for 1948 through 1956 was $597,133.

[10] For use in following year.

Source: Dept. of Agriculture, Forest Service. In annual report, *Agricultural Statistics*, and unpublished data.

No. 977. National Forest and Other Lands—States and Puerto Rico: 1966

[**In thousands of acres.** As of June 30. See footnote 1, table 974. See also *Historical Statistics, Colonial Times to 1957*, series L 1–2]

STATE OR OTHER AREA	GROSS AREA WITHIN UNIT BOUNDARIES			STATE OR OTHER AREA	GROSS AREA WITHIN UNIT BOUNDARIES		
	Total	National Forest System	Other		Total	National Forest System	Other
Total	**226,519**	**186,497**	**40,022**	Nebraska	431	340	91
				Nevada	5,400	5,059	340
Alabama	1,271	632	639				
Alaska	20,777	20,736	42	New Hampshire	805	678	127
Arizona	12,105	11,422	683	New Mexico	10,174	9,099	1,075
Arkansas	3,663	2,430	1,233	New York	14	14	–
California	24,295	19,990	4,304	North Carolina	3,164	1,124	2,039
				North Dakota	1,105	1,105	–
Colorado	15,835	14,337	1,498				
Florida	1,225	1,075	150	Ohio	1,455	115	1,341
Georgia	1,912	790	1,122	Oklahoma	459	285	174
Idaho	21,617	20,342	1,275	Oregon	17,299	15,462	1,837
Illinois	809	213	596	Pennsylvania	727	474	253
				South Carolina	1,374	588	787
Indiana	726	130	596				
Kansas	107	107	–	South Dakota	2,271	1,987	284
Kentucky	2,003	462	1,540	Tennessee	1,213	601	612
Louisiana	1,017	592	426	Texas	1,834	775	1,059
Maine	94	50	44	Utah	9,084	7,972	1,112
				Vermont	629	233	396
Massachusetts	2	2	–				
Michigan	4,777	2,594	2,183	Virginia	3,226	1,473	1,753
Minnesota	5,042	2,782	2,260	Washington	10,742	9,691	1,051
Mississippi	2,312	1,134	1,177	West Virginia	1,825	909	916
Missouri	3,021	1,379	1,642	Wisconsin	1,974	1,471	503
				Wyoming	9,598	9,144	454
Montana	19,050	16,670	2,381	Puerto Rico	56	28	28

– Represents zero.

Source: Dept. of Agriculture, Forest Service; annual report, *National Forest System*.

No. 978. Forest Tree Distribution Program and Costs: 1930 to 1966

[For years ending June 30, except calendar years for trees, 1930 to 1945. Excludes Alaska; includes Puerto Rico]

YEAR	Trees distributed (1,000)	COSTS ($1,000)			YEAR	Trees distributed (1,000)	COSTS ($1,000)		
		Total	Federal contribution	State expenditure			Total	Federal contribution	State expenditure
1930	25,836	403	81	322	1960	844,599	6,573	186	6,387
1935	26,150	206	55	151	1962	679,968	6,748	195	6,553
1940	87,468	482	98	384	1963	587,647	6,543	234	6,309
1945	37,743	572	114	458	1964	535,429	7,453	229	7,224
1950	136,395	1,503	189	1,314	1965	508,651	6,865	216	6,649
1955	496,571	3,929	372	3,557	1966	521,440	6,812	219	6,593

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

No. 979. Forest Fires—Number, and Area Burned Over: 1940 to 1966

[**Area in thousands of acres.** For years ending December 31. See also *Historical Statistics, Colonial Times to 1957*, series L 100-105]

YEAR	FEDERAL LANDS, PROTECTED AREA [1]			STATE AND PRIVATE FORESTS [2]					
				On protected area			On unprotected area		
	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over	Forest area	Number of fires	Area burned over
1940	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1945	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780
1950	212,622	8,418	391	360,564	96,578	3,407	66,130	103,404	11,720
1955	216,728	6,830	364	387,156	80,774	2,448	43,953	57,576	4,976
1960	362,836	12,090	622	402,800	77,537	1,909	32,030	13,760	1,947
1961	323,851	14,122	303	412,008	72,247	1,125	30,306	12,148	1,608
1962	356,333	10,421	270	418,483	94,487	1,645	24,447	10,437	2,163
1963	356,674	11,493	209	431,334	134,427	3,108	21,767	18,263	3,804
1964	[3] 653,691	[4] 8,877	194	[5] 446,420	90,480	1,670	32,003	17,001	2,338
1965	[3] 655,001	9,073	146	[5] 472,023	91,495	1,206	30,294	13,116	1,300
1966	[3] 655,443	11,571	1,265	[5] 469,328	98,157	1,908	46,748	12,771	1,401

[1] Prior to 1952, excludes Hawaii, and 1959, Alaska; comprises national forests, public domain, land administered by Dept. of the Interior, Soil Conservation Service, TVA, etc. [2] Prior to 1960, excludes Alaska.
[3] Includes 298,107,000 acres of nonforest watershed areas under Dept. of the Interior protection.
[4] Excludes an area burned on the acreage shown in footnote 3.
[5] Includes 20,525,000 acres of nonforest watershed areas for 1964, and 51,092,000 acres for 1965 and 1966.

Source: Dept. of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

No. 980. Forest Fires—Number, by Cause, and Expenditures for Control: 1940 to 1966

[**Expenditures in thousands of dollars.** See also *Historical Statistics, Colonial Times to 1957*, series L 106-109]

ITEM	1940	1950	1955	1960	1963	1964	1965	1966
Total fires [1]	**87,603**	**105,182**	**87,688**	**89,627**	**145,920**	**99,357**	**100,568**	**109,728**
Lightning	10,913	6,518	6,282	11,068	11,565	7,887	8,730	10,232
Campfires	4,956	3,802	3,924	3,614	4,218	3,954	3,404	3,666
Smoking	21,066	18,287	15,882	16,030	24,521	15,455	16,517	16,807
Debris burning	13,307	18,768	20,338	21,870	38,756	26,252	22,882	26,726
Incendiary	22,701	40,127	25,775	21,162	41,429	25,431	26,860	28,388
Machine use	(NA)	(NA)	(NA)	(NA)	8,208	8,353	6,734	8,509
Miscellaneous [2]	14,660	17,680	15,487	15,883	17,223	12,025	15,441	15,400
Total expenditures [3]	**9,188**	**28,934**	**39,216**	**56,641**	**65,828**	**72,411**	**75,627**	**85,866**
Federal	1,988	8,551	8,945	9,401	11,632	11,589	11,848	12,811
State and county	5,155	18,121	28,168	45,059	52,586	59,751	62,612	71,812
Private agencies	2,045	2,262	2,103	2,181	1,610	1,071	1,167	1,243

NA Not available. [1] Fires on protected forest lands only. 1940 excludes Alaska.
[2] Prior to 1963, lumbering and railroads included in "Miscellaneous"; thereafter, in various other classifications.
[3] For fire protection on State and private forests lands only, years ending June 30. 1940 to 1960, excludes Alaska.

of Agriculture, Forest Service; annual report, *Forest Fire Statistics*, and unpublished data.

No. 981. Lumber Production, by Kind of Wood: 1950 to 1965

[**In millions of board feet, lumber tally.** Prior to 1961, excludes Alaska and Hawaii. Based on sample surveys; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-50]

KIND OF WOOD	1950	1955	1959	1960	1961	1962	1963	1964	1965 (prel.)
Total	**38,007**	**37,380**	**37,166**	**32,926**	**32,019**	**33,178**	**34,706**	**36,559**	**36,626**
Softwoods	**30,633**	**29,815**	**30,509**	**26,672**	**26,066**	**26,819**	**27,552**	**29,284**	**29,159**
Cedar	[1] 313	(S)	(S)	(S)	561	603	556	651	632
Douglas fir	9,984	10,414	10,265	8,832	8,378	8,504	8,353	8,868	8,720
Hemlock	1,508	1,568	1,658	2,032	2,031	2,279	2,486	2,490	2,574
Larch	246	346	672	418	441	443	390	431	430
Ponderosa pine	3,865	3,663	3,374	3,169	3,127	3,275	3,516	3,729	3,735
Redwood	875	991	1,221	1,000	1,011	1,024	1,138	1,199	1,087
Southern yellow pine	9,939	7,360	6,716	5,660	5,622	5,740	6,055	6,414	6,628
Engelmann and sitka	(NA)	(NA)	(S)	471	553	583	529	626	630
Sugar pine	425	390	432	408	392	413	463	467	464
White fir	1,114	2,059	2,838	2,224	2,216	2,234	2,158	2,540	2,416
White pine	1,292	1,105	(S)	(S)	(S)	(S)	[2] 933	[2] 1,135	[2] 1,149
Other softwoods	1,072	777	1,127	675	606	589	975	734	694
Hardwoods [3]	**7,374**	**7,565**	**6,657**	**6,254**	**5,953**	**6,359**	**7,154**	**7,275**	**7,467**
Ash	81	125	142	125	103	105	143	136	141
Basswood	(4)	119	101	92	63	66	92	69	87
Beech	325	226	190	195	166	169	166	176	182
Birch	137	144	145	126	103	89	107	121	109
Cottonwood [5]	225	327	149	206	167	178	192	205	197
Elm	(4)	198	162	195	181	186	200	204	206
Maple	546	568	450	602	526	522	556	642	786
Oak	3,347	3,716	3,369	2,789	2,817	3,068	3,170	3,417	3,357
Sweet (red and sap) gum	758	529	432	331	316	328	418	380	387
Tupelo and black gum	342	364	294	292	281	268	398	381	384
Yellow poplar	833	690	655	592	541	617	644	645	681
Other hardwoods	780	559	508	593	564	620	1,068	899	950

NA Not available. S Suppressed; standard error more than 15 percent.
[1] Incense, Port Orford, and western red cedar only; eastern red cedar included in "Other softwoods."
[2] Standard error more than 15 percent. [3] Beginning 1959, includes estimate for western hardwoods, not reported by species. [4] Included in "Other hardwoods." [5] Includes aspen.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

No. 982. Lumber Production, Consumption, Stocks, Exports, and Imports: 1950 to 1966

[**In millions of board feet, except ratios.** Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series L 23-35, for series from Bureau of the Census and Forest Service]

ITEM	1950	1955	1960	1963	1964	1965 (prel.)	1966 (prel.)
Production [1]	38,902	37,858	32,926	34,706	36,559	36,626	37,483
Softwoods	31,528	30,293	26,672	27,552	29,284	29,159	29,002
Hardwoods	7,374	7,565	6,254	7,154	7,275	7,467	8,481
Domestic consumption [2]	41,627	41,088	35,226	39,016	41,408	41,984	42,068
Softwoods	34,277	32,830	28,974	31,915	33,175	33,546	32,920
Hardwoods	7,350	8,258	6,252	7,101	8,233	8,438	9,148
Gross mill stocks, end of year	6,183	8,669	7,352	6,587	6,434	5,704	5,775
Softwoods	4,207	5,386	5,285	4,616	4,898	4,548	4,648
Hardwoods	1,976	3,283	2,067	1,971	1,536	1,156	1,127
Ratio of total mill stocks to total consumption, percent	15	21	21	17	16	14	14
Softwoods	12	16	18	14	15	14	15
Hardwoods	27	40	33	28	19	14	12
Exports [3]	518	844	861	875	956	922	1,024
Softwoods	407	652	688	740	797	777	860
Hardwoods	111	189	173	135	159	145	164
Imports [3]	3,432	3,597	3,922	5,335	5,222	5,233	5,200
Softwoods	3,140	3,327	3,631	5,027	4,913	4,895	4,776
Hardwoods	283	266	291	308	309	338	424

[1] Beginning 1963, includes Alaska. [2] Represents shipments and net imports.
[3] Includes box shooks and railroad ties (sawed). Includes Alaska, Hawaii, and Puerto Rico.

Source: Compiled by Mackay-Shields Economics, Inc., New York, N.Y., from data supplied by National Forest Products Association, Washington, D.C.

No. 983. Lumber Production, by Geographic Divisions: 1963 to 1965

[**Production in millions of board feet, lumber tally.** Data are based in part on a sample of sawmills and are estimates which may vary from the figures which would be obtained from a complete census. See fig. I, p. xii, for States comprising geographic divisions. See *Historical Statistics, Colonial Times to 1957*, series L 36-44, for data by regions]

Geographic Division	1963			1964			1965 (prel.)		
	Production	Percent	Standard error [1] (percent)	Production	Percent	Standard error [1] (percent)	Production	Percent	Standard error [1] (percent)
United States	**34,706**	**100.0**	(2)	**36,559**	**100.0**	(2)	**36,626**	**100.0**	(2)
New England	609	1.8	(2)	678	1.8	(2)	656	1.8	(2)
Middle Atlantic	870	2.5	(2)	857	2.3	(3)	872	2.4	(3)
East North Central	1,173	3.4	(4)	1,198	3.3	(2)	1,211	3.3	(2)
West North Central	503	1.4	(4)	540	1.5	(4)	532	1.5	(4)
South Atlantic	5,241	15.1	(2)	5,147	14.1	(2)	5,250	14.3	(2)
East South Central	2,912	8.4	(2)	3,186	8.7	(2)	3,300	9.0	(2)
West South Central	3,083	8.9	(2)	3,209	8.8	(2)	3,344	9.1	(2)
Mountain	3,791	10.9	(2)	4,104	11.2	(2)	4,085	11.2	(2)
Pacific	16,524	47.6	(2)	17,640	48.3	(2)	17,376	47.4	(2)

[1] See Technical Note, p. 737, for explanation of standard error. [2] 5 percent or less. [3] More than 5 percent but not exceeding 10 percent. [4] More than 10 percent but not exceeding 15 percent.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M24T.

No. 984. Lumber—Establishments and Production, by Production Size-Classes: 1960 to 1964

[**Production in millions of board feet, lumber tally.** 1960 excludes Alaska and Hawaii. Based on sample surveys; see source for sampling variability]

Size-class (in 1,000 bd. ft. of production)	Number of establishments				Production			
	1960	1962	1963	1964	1960	1962	1963	1964
Total	[1] **33,343**	[2] **32,916**	**12,337**	[2] **11,681**	**32,926**	**33,178**	**34,706**	**36,559**
Less than 999	[3] 29,017	[2] 28,835	8,037	[2] 7,433	[2] 4,343	4,254	3,768	4,416
1,000 to 2,999	2,588	2,446	2,436	2,433	4,466	4,265	4,099	4,052
3,000 to 4,999	566	470	590	520	2,212	1,913	2,269	1,954
5,000 to 9,999	532	508	546	575	3,796	3,922	3,816	3,658
10,000 to 14,999	[2] 239	211	211	216	3,000	2,746	2,541	2,626
15,000 to 24,999	166	192	233	217	3,219	3,886	4,384	4,309
25,000 to 49,999	169	180	199	196	6,057	6,163	7,124	7,227
50,000 and over	66	74	85	91	5,833	6,029	6,705	8,317

[1] Standard error of estimate is more than 10 percent but not exceeding 15 percent.
[2] Standard error of estimate is more than 5 percent but not exceeding 10 percent.
[3] Standard error of estimate is 16 percent.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24T.

No. 985. Roundwood Products—Softwoods and Hardwoods, by Regions: 1962

[**In thousands of cubic feet.** For States represented in regions shown, see table 972]

Region	Total [1]		Saw logs		Veneer		Pulpwood		Fuelwood	
	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods
U.S.	**7,264,259**	**3,055,625**	**4,223,526**	**1,047,039**	**708,278**	**148,817**	**1,885,829**	**717,272**	**207,909**	**915,811**
The North	574,171	1,377,891	191,907	446,218	245	39,561	309,845	286,331	32,464	467,319
The South	2,569,684	1,607,635	1,097,018	579,340	2,724	109,187	1,231,275	390,222	118,254	442,980
The West	4,120,404	70,099	2,934,601	21,481	705,309	69	344,709	40,719	57,191	5,512

[1] Includes miscellaneous industrial products, not shown separately.

Source: Dept. of Agriculture, Forest Service; *Timber Trends in the United States*, 1965.

No. 986. Industrial Timber Products From Roundwood—Summary: 1940 to 1966

[In millions of cubic feet. Excludes Alaska and Hawaii, except as noted. Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72-84]

ITEM	1940	1950	1960	1961	1962	1963	1964	1965	1966 (prel.)
Total:									
Domestic production	6,975	8,520	8,860	8,650	8,970	9,320	9,925	10,130	10,435
Net imports	400	1,355	1,300	1,365	1,555	1,595	1,610	1,685	1,865
New supply	7,375	9,960	10,110	10,070	10,540	10,955	11,530	11,855	12,300
Saw logs: [1]									
Domestic production	4,845	5,905	5,080	4,945	5,120	5,355	5,640	5,730	5,765
Net imports	[2] 35	455	480	545	645	695	665	670	700
New supply	4,810	6,360	5,560	5,485	5,765	6,050	6,305	6,405	6,465
Veneer logs:									
Domestic production	235	345	705	765	800	870	955	1,030	1,090
Net imports	[1] 5	10	90	100	130	150	175	190	225
New supply	230	355	800	860	930	1,020	1,130	1,220	1,315
Pulpwood: [3]									
Domestic production	930	1,500	2,565	2,450	2,585	2,635	2,870	2,910	3,120
Net imports	440	890	730	720	780	750	770	825	940
New supply	[4] 1,370	2,475	3,240	3,235	3,380	3,425	3,635	3,770	4,060
Other products, new supply [5]	965	770	510	490	465	460	460	460	460

[1] Beginning 1961, includes Alaska, and 1963, Hawaii. [2] Net exports.
[3] Beginning 1960, includes Alaska, and 1962, Hawaii.
[4] Excludes changes in stocks.
[5] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: Dept. of Agriculture, Forest Service; *The Demand and Price Situation for Forest Products.*

No. 987. Stumpage and Lumber Prices for Selected Species: 1940 to 1966

[In dollars per 1,000 board feet. See also *Historical Statistics, Colonial Times to 1957*, series L 85-91]

YEAR	Stumpage prices				Douglas-fir lumber prices (wholesale)
	Douglas-fir	Southern pine	Sugar pine	Ponderosa pine	
1940	2.30	4.50	3.00	2.20	22.20
1950	16.40	26.70	25.00	18.30	73.30
1955	28.90	32.00	30.00	26.10	80.90
1960	32.00	34.50	29.00	19.10	75.00
1962	24.80	26.00	20.00	16.10	73.30
1963	27.90	25.10	19.20	15.80	74.60
1964	38.10	27.80	23.30	19.00	76.00
1965	42.60	31.70	23.30	19.80	76.10
1966 (prel.)	51.60	38.50	24.70	19.60	81.40

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

No. 988. Selected Timber Products—Wholesale Price Indexes: 1940 to 1966

[1957-59=100. 1960 and earlier years exclude Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1957*, series L 92-96, for indexes on 1947-49 base]

YEAR	Lumber	Plywood [1]	Woodpulp	Paper	Paperboard
1940	28.0	38.5	42.1	44.3	35.7
1945	42.2	48.0	52.7	50.5	47.4
1950	93.9	122.9	79.4	74.7	77.1
1955	102.4	116.4	93.8	91.1	93.3
1960	99.8	90.6	100.2	102.0	99.4
1963	98.9	87.7	91.7	102.4	94.7
1964	100.7	85.3	96.1	103.6	96.4
1965	101.9	85.1	98.1	104.1	96.4
1966	108.5	89.4	98.0	107.3	97.1

[1] Softwood plywood, interior grade A-D.

Source: Dept. of Labor, Bureau of Labor Statistics. Current data in *Monthly Labor Review.*

No. 989. Millwork, Wood Products, and Paints—Production: 1950 to 1966

ITEM	1950	1955	1960	1964	1965	1966 (prel.)
Hardwood flooring ..... mil. bd. ft.	1,077	1,268	915	871	808	711
Softwood plywood [1] ..... mil. sq. ft., 3/8" basis	2,676	5,284	7,759	11,455	12,428	13,100
Insulation boards ..... 1,000 tons	838	1,100	1,098	1,215	1,268	1,315
Hardboard ..... 1,000 tons	381	530	686	1,048	1,085	1,050
Particleboard ..... mil. sq. ft., 3/4" basis	(NA)	78	268	638	780	870
Ponderosa pine doors [2] ..... 1,000 units	3,330	2,253	1,948	2,094	2,041	2,384
Hardwood doors [2] ..... 1,000 units	1,221	6,786	3,763	5,228	5,307	6,868
Sash [2] ..... 1,000 units	9,414	12,734	7,958	8,640	8,891	7,470
Exterior frames [2] ..... 1,000 units	4,644	7,260	5,345	5,934	6,250	5,260
Paint, varnish, and lacquer [3] ..... mil. gal.	(NA)	255	344	395	411	420

NA Not available. [1] Principally Douglas fir.
[2] Covers only reports of shipments from members of National Woodwork Manufacturers' Association.
[3] Production for trade sales. Beginning 1960, figures not comparable with earlier years.

Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*. Data compiled from reports by various trade associations and Bureau of the Census.

No. 990. Plywood and Particleboard—Production and Shipments: 1964 and 1965

[Quantities in millions of square feet; value in thousands of dollars]

PRODUCT	1964			1965		
	Production	Shipments [1]		Production	Shipments [1]	
		Quantity	Value		Quantity	Value
Hardwood plywood ..... **surface measure**	2,105	1,721	317,578	2,236	1,842	343,871
Veneer core, all types ..... surface measure	1,790	1,575	269,986	1,889	1,663	(NA)
Technical and type I, waterproof surface measure	39	23	6,677	51	26	(NA)
Type II, moisture resistant surface measure	1,583	1,442	244,647	1,731	1,569	(NA)
Type III, dry bond ..... surface measure	168	110	18,662	108	68	(NA)
Other core, all types ..... surface measure	190	73	43,075	207	99	(NA)
Container and packaging type surface measure	125	73	4,517	140	79	(NA)
Softwood plywood ..... **3/8" basis**	11,455	11,367	709,539	12,428	12,418	775,305
Interior type ..... 3/8" basis	7,330	7,357	427,460	7,605	7,661	439,359
Exterior type ..... 3/8" basis	4,125	4,010	282,079	4,823	4,757	335,946
Particleboard ..... **3/4" basis**	638	(NA)	(NA)	780	721	78,604
Platen ..... 3/4" basis	592	(NA)	(NA)	731	(NA)	(NA)
Extruded ..... 3/4" basis	47	(NA)	(NA)	49	(NA)	(NA)

NA Not available. [1] Includes interplant transfers.

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M24F, M24H, and MA24L.

No. 991. Turpentine, Rosin, and Naval Stores—Production: 1940 to 1967

[In barrels of 50 gallons, except rosin in drums of 520 pounds net. For crop years ending March 31. Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 70–71]

PRODUCT	1940	1950	1960	1964	1965	1966	1967
Total turpentine	**604,778**	**673,290**	**636,750**	**673,530**	**679,100**	**700,660**	**665,500**
Gum	382,781	323,010	107,400	140,520	119,580	111,370	84,210
Wood	[1] 221,997	350,280	529,350	533,010	559,520	589,290	581,290
Steam distilled	158,575	199,630	175,950	157,480	157,450	168,630	154,540
Sulphate	56,631	147,500	353,400	375,530	402,070	420,660	426,750
Total rosin	**1,813,710**	**2,023,510**	**1,915,770**	**2,084,940**	**2,015,010**	**2,067,270**	**1,957,790**
Gum	1,054,236	924,900	334,110	458,960	392,600	361,310	272,940
Wood, steam distilled [2]	759,474	1,098,610	1,198,690	1,098,050	1,036,370	1,079,560	985,670
Tall oil	–	–	382,970	527,930	586,040	626,400	699,180
Other naval stores:							
Pine oil	(NA)	141,260	197,140	[3] 218,230	[3] 233,740	[3] 266,620	[3] 273,490
Other terpenes	(NA)	73,740	93,690	110,760	125,040	114,910	104,660

– Represents zero. NA Not available.
[1] Includes "Destructively distilled." [2] Beginning 1950, total primary production of FF wood rosin.
[3] Beginning 1964, includes pine oil from all sources; therefore, not comparable with figures for earlier years.

Source: Dept. of Agriculture, Statistical Reporting Service; *Annual Naval Stores Report*.

No. 992. Pulpwood, Woodpulp, and Paper and Paperboard—Production: 1945 to 1966

[**Cords of 128 cubic feet.** Prior to 1954, excludes Alaska; also excludes Hawaii except for woodpulp beginning 1962. See also *Historical Statistics, Colonial Times to 1957*, series L 61, L 64, and L 67]

YEAR	Pulpwood [1]	Woodpulp	Paper and paperboard [2]	YEAR	Pulpwood [1]	Woodpulp	Paper and paperboard [2]
	1,000 cords	*1,000 short tons*	*1,000 short tons*		*1,000 cords*	*1,000 short tons*	*1,000 short tons*
1945	15,253	10,167	17,371	1956	35,196	22,131	31,441
1946	16,982	10,707	19,278	1957	34,422	21,800	30,678
1947	18,542	11,946	21,114	1958	33,239	21,796	30,823
1948	20,026	12,872	21,897	1959	36,716	24,383	34,015
1949	17,619	12,207	20,315	1960	40,011	25,316	34,444
1950	20,712	14,849	24,375	1961	40,272	26,523	35,698
1951	25,128	16,524	26,047	1962	42,772	27,908	37,552
1952	25,065	16,473	24,418	1963	44,708	30,121	39,231
1953	26,319	17,537	26,540	1964	[3] 49,219	[4] 32,429	41,703
1954	26,972	18,256	26,876	1965	[3] 52,617	[4] 33,921	44,049
1955	30,948	20,740	30,178	1966 (prel.)	[3] 54,502	[4] 35,636	46,541

[1] Includes slabs, chips, and mill waste. Production is equal to receipts from domestic sources by woodpulp mills located in the United States.
[2] Includes the major grades of paper, paperboard, wet machine board, and construction paper and board.
[3] Source: American Pulpwood Association; *Monthly Pulpwood Statistics.*
[4] Source: United States Pulp Producers Association; *Monthly Statistical Summary.*

Source: Dept. of Commerce, Bureau of the Census. Current data in *Current Industrial Reports*, Series M26A. Includes data compiled from sources cited in footnotes.

No. 993. Pulpwood and Veneer Log Consumption, Plywood, and Woodpulp Production: 1950 to 1966

[**Cords of 128 cubic feet.** Excludes Alaska and Hawaii, except as noted]

YEAR	Pulpwood consumption [1]			Veneer log consumption, softwood [2]	Plywood production, softwood [2]	Woodpulp production, by process [3]			
	Total	Softwood	Hardwood			Sulphate		Groundwood	Other
						Unbleached	Bleached and semi-bleached		
	1,000 cords	*1,000 cords*	*1,000 cords*	*Mil. ft., log scale*	*Mil. sq. ft. 3/8" equiv.*	*1,000 short tons*	*1,000 short tons*	*1,000 short tons*	*1,000 short tons*
1950	23,627	20,406	3,221	1,157	2,676	5,709	1,793	2,216	5,132
1955	33,356	27,728	5,628	2,431	5,284	7,665	3,625	2,729	6,720
1957	35,746	29,446	6,300	2,455	5,653	7,651	4,284	3,089	6,776
1958	35,144	28,833	6,311	2,884	6,487	7,647	4,669	2,890	6,589
1959	38,691	30,885	7,806	3,488	7,736	8,540	5,289	3,230	7,324
1960	40,485	32,061	8,424	3,446	7,759	8,681	5,909	3,292	7,434
1961	42,191	33,095	9,097	3,836	8,496	9,115	6,307	3,208	7,892
1962	44,070	34,193	9,877	4,068	9,315	9,517	6,784	3,397	8,210
1963	46,435	35,661	10,774	3,108	10,375	10,502	7,439	3,468	8,712
1964	[4] 50,659	[4] 39,329	[4] 11,330	3,390	11,455	[5] 11,851	[5] 8,251	[5] 3,596	[5] 8,717
1965	[4] 52,236	[4] 40,272	[4] 11,964	3,667	12,428	[5] 12,698	[5] 8,776	[5] 3,532	[5] 8,915
1966 (prel.)	[4] 54,759	[4] 41,321	[4] 13,438	(NA)	(NA)	[5] 12,737	[5] 9,616	[5] 3,972	[5] 9,311

NA Not available.
[1] Beginning 1955, includes Alaska, and 1962, Hawaii.
[2] Softwood plywood industry, principally Douglas fir.
[3] Includes Alaska and, beginning 1962, Hawaii.
[4] Source: American Pulpwood Association; *Monthly Pulpwood Statistics.*
[5] Source: United States Pulp Producers Association; *Monthly Statistical Summary.*

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Manufactures and *Current Industrial Reports*, Series M26A and M24H. Includes data from sources cited in footnotes.

No. 994. Paper and Board—Production: 1950 to 1966

[In thousands of short tons. Excludes Hawaii and, for 1950, Alaska]

TYPE OF PAPER AND BOARD	1950	1955	1960	1962	1963	1964	1965	1966 (prel.)
All types	**24,375**	**30,178**	**34,444**	**37,552**	**39,231**	**41,703**	**44,049**	**46,541**
Paper	**10,639**	**12,905**	**15,399**	**16,537**	**17,300**	**18,152**	**19,113**	**20,200**
Newsprint	1,013	1,459	2,004	2,105	2,213	2,249	2,170	2,198
Groundwood paper, uncoated [1]	705	886	938	910	956	995	1,041	1,096
Paper—machine-coated, printing and converting paper [1]	1,020	1,312	1,875	2,269	2,401	2,620	2,752	3,040
Book paper, uncoated [1]	1,580	1,740	1,887	1,760	1,886	1,969	2,113	2,353
Fine paper	1,197	1,450	1,776	2,054	2,104	2,218	2,442	2,637
Coarse paper	3,297	3,687	3,957	4,124	4,251	4,384	4,610	4,713
Special industrial, incl. absorbent	460	610	760	902	912	970	1,080	1,161
Sanitary tissue	1,148	1,521	1,964	2,179	2,340	2,516	2,668	2,766
Tissue paper, except sanitary and thin	217	240	238	235	236	231	237	236
Paperboard	**10,926**	**[2] 13,867**	**15,676**	**17,486**	**18,239**	**19,605**	**20,866**	**22,486**
Liners	3,872	5,109	5,966	6,770	7,124	7,851	8,540	9,370
Corrugating material	1,634	2,193	2,443	2,866	3,022	3,239	3,469	3,825
Container chipboard	325	250	227	288	280	325	322	323
Folding boxboard [3]	2,350	2,592	2,940	3,050	3,165	3,313	3,452	3,501
Special food board	656	1,154	1,466	1,727	1,737	1,847	1,880	2,200
Other bending board [3]	129	183	192	250	240	225	241	293
Set-up boxboard	713	797	767	661	637	649	663	644
Other nonbending board	164	257	292	307	345	365	396	488
Special paperboard stock	998	1,226	1,262	1,464	1,581	1,663	1,784	1,747
Cardboard	87	86	121	102	109	128	119	95
Wet machine board	**165**	**179**	**175**	**146**	**141**	**148**	**145**	**138**
Shoe board	49	55	57	61	58	58	58	41
Binder's board	42	47	52	58	55	59	59	(D)
Other	74	77	65	26	27	31	28	(D)
Construction paper and board	**2,646**	**3,228**	**3,194**	**3,382**	**3,551**	**3,798**	**3,925**	**3,717**
Construction paper	1,425	1,598	1,410	1,429	1,453	1,533	1,575	1,516
Insulating board	838	1,100	1,097	1,080	1,139	1,215	1,257	1,147
Wood fiber hardboard	383	530	686	873	959	1,050	1,093	1,054

D Withheld to avoid disclosure of figures for individual companies.
[1] Beginning 1962, not strictly comparable with figures for earlier years due to difference in coverage.
[2] Includes "Other paperboard," not shown separately.
[3] Beginning 1960 "Folding boxboard" includes "Solid bleached chemical board, except special food board and bleached liner board"; prior to 1960, this grade was reported under "Other bending board."

Source: Dept. of Commerce, Bureau of the Census; *Current Industrial Reports*, Series M26A.

No. 995. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1940 to 1966

[In thousands of short tons, except price]

COUNTRY AND ITEM	1940	1945	1950	1955	1960	1964	1965	1966
CANADA, INCLUDING NEWFOUNDLAND								
Production	3,770	3,592	5,279	6,191	6,739	7,301	7,720	8,419
Shipments from mills	3,804	3,553	5,311	6,236	6,752	7,310	7,747	8,385
Stocks at mills, end of year	224	137	89	80	140	178	150	184
UNITED STATES [1]								
Consumption by publishers [2] [3]	2,856	2,455	4,542	5,045	5,532	6,031	6,387	6,898
Production [3]	1,013	724	1,015	1,552	2,038	2,261	2,180	2,410
Shipments from mills [3]	1,013	725	1,017	1,550	2,031	2,273	2,183	2,408
Stocks, end of year: [3]								
At mills	13	6	8	8	26	22	19	21
At and in transit to publishers	356	266	425	458	628	585	573	681
Imports [4]	2,763	2,669	4,864	5,164	5,412	5,954	6,323	6,991
Wholesale price, average [5] ... dollars per ton	50.00	60.25	101.63	125.94	134.40	134.23	132.40	136.23

[1] Excludes Alaska and Hawaii, except as noted.
[2] As reported by publishers accounting for about 76 percent of total newsprint consumption in 1966.
[3] Beginning 1964, includes Alaska and Hawaii.
[4] Based on reports of the Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.
[5] Source: Dept. of Labor, Bureau of Labor Statistics. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages; prior to 1950, represents New York price for rolls.

Source: Dept. of Commerce, Office of Business Economics (except as noted); based on data from the American Newspaper Publishers Association, New York, N.Y., and The Newsprint Service Bureau, New York, N.Y. Monthly data in *Survey of Current Business*.

Section 26

Fisheries

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

The Fish and Wildlife Service conducts annual surveys of the fishery industries. Results from the surveys include data on the quantity and value of the catch of individual species of fish, employment in fisheries, gear operated, fishing and transporting craft used, employment in wholesale and manufacturing establishments, and the volume and value of production of manufactured fishery products. In addition, the reports include data on imports, exports, freezings, and cold storage holdings of fishery products; and monthly landings in most coastal States, and in Ohio, Michigan, and Wisconsin. Information is also collected covering shad fisheries of the Hudson and Potomac Rivers; alewife fisheries of the Potomac; seed oyster fisheries; Pacific Coast halibut fisheries; New England offshore fisheries; South Atlantic and Gulf shrimp fisheries; the fur seal industry of the Pribilof Islands; and the Pacific Coast whaling industry.

The first comprehensive survey of fisheries and fishery industries of the United States was made for the year 1880, although it did not include the Mississippi River and its tributaries. A complete survey of the United States was conducted in 1908 by the Bureau of the Census and again in 1931 by the Bureau of Fisheries, then in the Department of Commerce. Various sections of the country have been surveyed from time to time. A complete survey of all sections, including manufacturing and wholesaling operations, was made for 1950. Beginning in 1954, complete data have been collected annually, except for a portion of the Mississippi River and its tributaries in 1961.

A report on the 1963 Census of Commercial Fisheries was released by the Bureau of the Census in 1966. It presents statistics on the number of commercial fishing operators, receipts from fishing activities, employment, vessels operated, value of catch, and fishing gear.

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

No. **996.** Fisheries—Quantity and Value of Catch: 1930 to 1966

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 110–111]

Year	Quantity (mil. lb.)			Value (mil. dol.)	Average price per lb. (cents)	Year	Quantity (mil. lb.)			Value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products [1]				Total	For human food	For industrial products [1]		
1930	3,224	2,478	746	109	3.4	1960	4,942	2,498	2,444	354	7.2
1940	4,059	2,674	1,385	99	2.4	1961	5,187	2,490	2,697	362	7.0
1945	4,598	3,167	1,431	270	5.9	1962	5,354	2,540	2,814	396	7.4
1950	4,901	3,307	1,594	347	7.1	1963	4,847	2,556	2,291	377	7.8
1955	4,809	2,579	2,230	339	7.1	1964	4,541	2,497	2,044	389	8.6
1958	4,747	2,651	2,096	373	7.9	1965	4,777	2,587	2,190	446	9.3
1959	5,122	2,369	2,753	346	6.8	1966 (prel.)	4,341	2,568	1,773	454	10.5

[1] Manufactured into meal, oil, fish solubles, homogenized condensed fish, shell products, and used as bait and animal food.

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

No. 997. Fisheries—Employment, Fishing Craft, and Establishments: 1950, 1960, and 1965

[1950 excludes Hawaii]

ITEM	1950	1960	1965	ITEM	1950	1960	1965
Persons employed	263,478	224,056	215,429	**Fishery shore establishments**	3,883	4,207	4,185
Direct employment:				Pacific Coast States [1]	700	515	557
Fishermen	161,463	130,431	128,565	Atlantic Coast and Gulf States	2,699	2,898	2,931
Shore workers	102,015	93,625	86,864	Great Lakes and Mississippi River States	484	772	673
Craft utilized	92,310	77,057	79,532	Hawaii	(NA)	22	24
Fishing craft:							
Vessels, 5 net tons and over	11,496	12,018	12,311				
Motorboats	46,067	56,889	63,828				
Other boats	34,747	8,150	3,393				

NA Not available. [1] Includes Alaska.

No. 998. Fisheries—Fishermen, Fishing Craft, and Catch, by Areas: 1965

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

AREA	Fishermen	Fishing vessels	Fishing boats [1]	Catch (mil. lb.)			Value of catch ($1,000)		
				Total	Fish	Shellfish	Total	Fish	Shellfish
United States	[2] 128,565	[2] 12,311	[2] 67,221	4,777	3,948	[3] 829	445,679	241,123	[3] 204,556
New England States	19,435	703	10,817	702	642	60	74,837	38,849	35,988
Middle Atlantic States	8,839	579	4,365	356	292	64	24,681	8,966	15,715
Chesapeake Bay States	18,996	1,413	10,971	592	470	122	40,189	10,957	29,232
South Atlantic States	10,688	1,122	5,751	357	276	81	26,789	10,958	15,831
Gulf States	25,571	3,683	10,989	1,463	1,205	258	113,542	31,003	82,539
Pacific Coast States	34,778	4,855	14,470	1,147	927	220	148,363	125,078	23,285
Great Lakes States	2,364	375	1,113	56	56	–	5,832	5,832	–
Mississippi River States	9,572	4	8,398	84	60	24	7,844	5,915	1,929
Hawaii	744	57	347	20	20	(Z)	3,602	3,565	37

– Represents zero. Z Less than 500,000 pounds.
[1] Refers to craft having capacity of less than 5 net tons. [2] Exclusive of duplication.
[3] Includes whale products.

Source of tables 997 and 998: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States.*

No. 999. Commercial Fishing Operators: 1963

[Receipts and payroll in thousands of dollars]

ITEM	Total	Operators with primary catch of—	
		Finfish	Other marine products [1]
Total number	23,249	(NA)	(NA)
Total gross receipts	338,787	(NA)	(NA)
Operators without paid employees: [2]			
Number	13,998	(NA)	(NA)
Gross receipts	61,673	(NA)	(NA)
Operators with paid employees:			
Number	9,251	5,377	3,874
Gross receipts [3]	277,114	170,937	106,177
Employees, annual average	20,300	12,504	7,796
Payroll	102,332	66,938	35,394
Vessels	10,666	5,898	4,768
Number with—			
Less than 5 employees	8,237	4,720	3,517
5 to 9 employees	590	367	223
10 to 19 employees	342	233	109
20 to 99 employees	79	54	25
100 employees or more	3	3	–

– Represents zero. NA Not available.
[1] Includes catches of shellfish and miscellaneous marine products such as sponges, frogs, and turtles.
[2] Represents commercial fishermen who filed income tax returns as self-employed businessmen. Each return was counted as an operating unit.
[3] Gross receipts by legal form of organization are as follows: Individual proprietors, $119,410,000; partnerships, $43,333,000; corporations, $113,178,000; cooperative associations, $661,000; and other (including joint ventures, estate administrators, and trusteeships), $532,000.

Source: Dept. of Commerce, Bureau of the Census; *Census of Commercial Fisheries, 1963.*

No. 1000. Commercial Fishing Operators—States: 1963

STATE	OPERATORS WITH PAID EMPLOYEES			STATE	OPERATORS WITH PAID EMPLOYEES		
	Number	Employees, annual average	Gross receipts ($1,000)		Number	Employees, annual average	Gross receipts ($1,000)
Total	**9,251**	**20,300**	**277,114**	**South Atlantic**—Con.			
New England	729	4,218	45,086	Maryland	379	154	2,817
Maine	148	434	4,984	Virginia	572	909	9,905
Massachusetts	450	3,438	35,325	North Carolina	273	507	4,553
Rhode Island	79	190	2,819	South Carolina	127	247	1,398
Connecticut	52	156	1,958	Georgia	193	356	3,203
				Florida	740	2,112	27,471
Middle Atlantic	394	1,027	12,004	**East South Central**	272	1,055	12,351
New York	141	361	4,661	Alabama	125	437	3,261
New Jersey	244	629	7,235	Mississippi	147	618	9,090
Pennsylvania	9	37	108				
East North Central	337	472	4,685	**West South Central**	1,373	3,390	47,121
Ohio	52	148	1,259	Louisiana	760	1,564	21,518
Illinois	6	34	294	Texas	613	1,826	25,603
Michigan	170	189	1,961				
Wisconsin	109	101	1,171	**Mountain** [1]	5	13	131
West North Central [1]	26	31	210	**Pacific**	3,797	5,627	104,996
Minnesota	19	23	151	Washington	1,320	1,581	30,393
				Oregon	320	229	4,651
				California	980	2,398	44,196
South Atlantic	2,318	4,467	50,530	Alaska	1,100	1,144	23,451
Delaware	34	182	1,183	Hawaii	77	275	2,305

[1] West North Central includes Iowa, Missouri, North Dakota, and South Dakota; Mountain includes Idaho and Utah. Such data not shown separately to avoid disclosure of individual operations.

Source: Dept. of Commerce, Bureau of the Census; *Census of Commercial Fisheries, 1963.*

No. 1001. Fisheries—Catch and Value of Principal Species: 1950 to 1966

[Catch in millions of pounds; value in millions of dollars. Prior to 1960, excludes Hawaii]

SPECIES	1950		1955		1960		1966 (prel.)	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value
FISH								
Cod, Atlantic	57	4	36	2	40	3	36	3
Flounder	132	12	110	11	127	13	83	7
Haddock	159	12	135	8	119	9	134	14
Halibut, Pacific	51	8	49	5	51	6	40	10
Herring, sea	364	3	172	2	239	4	81	2
Mackerel, Pacific and jack	166	3	59	1	118	2	44	1
Menhaden	1,026	10	1,868	25	2,018	20	1,310	22
Ocean perch, Atlantic	208	9	157	6	141	5	81	4
Salmon, Pacific	329	37	290	41	235	45	405	67
Sardine, Pacific	715	12	146	3	58	1	1	(Z)
Tuna [1]	391	61	270	39	298	38	267	45
Whiting	67	1	119	2	112	3	90	4
SHELLFISH								
Clams	41	11	34	10	50	12	72	18
Crabs	159	9	136	10	222	17	365	35
Lobsters, northern	23	8	29	11	31	14	30	23
Oysters (meats)	76	30	78	30	60	29	50	26
Shrimp (heads-on)	191	43	244	62	249	67	235	96

Z Less than $500,000.
[1] Excludes landings of tuna by U.S. vessels in Puerto Rico.

Source: Dept. of the Interior, Fish and Wildlife Service; annual reports, *Fishery Statistics of the United States* and *Fisheries of the United States.*

No. 1002. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1940 to 1965

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

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
New England States:								
Catch	626,054	1,006,590	955,418	851,964	871,681	828,889	681,857	702,181
Value	20,494	60,577	57,243	61,474	65,775	68,289	67,596	74,837
Maine:								
Catch	88,088	356,266	257,174	294,641	294,323	285,636	192,575	204,846
Value	2,606	14,689	16,083	20,071	20,365	21,216	21,958	21,922
New Hampshire:								
Catch	788	645	948	1,188	1,089	1,201	1,209	1,272
Value	105	219	345	430	401	443	601	637
Massachusetts:								
Catch	510,938	591,188	566,413	480,421	493,414	467,693	446,495	442,430
Value	15,756	40,768	35,057	35,947	40,265	41,234	40,184	46,147
Rhode Island:								
Catch	12,060	38,265	115,323	69,318	76,839	69,312	36,928	48,706
Value	966	2,788	4,738	3,846	3,528	4,149	3,740	4,624
Connecticut:								
Catch	14,180	20,226	15,560	6,396	6,016	5,047	4,650	4,927
Value	1,060	2,114	1,020	1,180	1,216	1,247	1,113	1,507
Catch, by species:								
Cod	82,289	53,968	32,369	35,255	43,946	39,901	37,853	35,465
Flounder	57,572	66,824	50,064	61,559	86,711	106,767	112,172	112,061
Haddock	141,193	157,765	135,029	118,615	134,169	123,881	133,450	133,878
Herring, sea	44,052	195,154	104,286	154,667	158,255	154,513	63,202	75,014
Lobster	11,165	22,559	27,624	29,260	28,286	29,120	29,318	28,530
Ocean perch	85,016	207,793	156,989	141,433	123,983	108,292	89,268	83,607
Whiting	40,869	65,464	110,630	103,637	97,737	86,558	87,672	75,377
Middle Atlantic States:								
Catch	[1] 355,553	491,685	871,096	783,848	944,374	550,464	370,223	355,951
Value	[1] 7,651	28,843	28,937	21,757	25,209	21,345	20,897	24,681
New York:								
Catch	91,959	142,341	132,791	125,932	225,759	191,256	197,022	147,462
Value	4,216	15,502	9,498	8,781	10,201	9,718	10,790	12,387
New Jersey:								
Catch	160,554	188,623	421,286	373,688	446,929	255,020	139,362	160,440
Value	2,957	10,201	13,074	9,607	11,824	10,335	9,423	11,385
Delaware:								
Catch	103,017	160,721	317,019	284,228	271,686	104,188	33,839	48,049
Value	475	3,141	6,365	3,369	3,184	1,292	684	909
Catch, by species:								
Clams	7,658	21,681	16,671	31,776	37,448	45,801	46,016	52,240
Menhaden	245,369	372,947	763,827	670,799	782,487	372,851	139,258	151,011
Oysters	13,983	18,170	9,848	1,154	2,362	951	1,356	757
Scup	5,777	20,556	20,686	26,638	25,575	22,037	16,896	16,635
Chesapeake Bay States:								
Catch	320,736	380,892	496,208	435,797	521,475	430,203	536,596	591,534
Value	7,456	25,007	31,601	34,861	33,627	29,804	35,948	40,189
Maryland:								
Catch	51,085	67,092	55,249	69,113	67,574	55,457	70,828	86,672
Value	2,599	8,888	11,147	13,936	11,926	10,748	11,729	13,220
Virginia:								
Catch	269,651	313,800	440,959	366,684	453,901	374,746	465,768	504,862
Value	4,858	16,119	20,454	20,925	21,701	19,056	24,219	26,969
Catch, by species:								
Alewives	16,112	34,629	26,988	18,989	27,678	27,551	27,954	38,292
Clams	1,843	1,701	3,950	7,823	8,918	9,508	10,987	10,878
Crabs	41,816	80,046	45,128	70,716	86,571	66,129	78,608	86,334
Menhaden	143,227	170,913	315,359	248,905	327,910	259,015	336,414	359,946
Oysters	37,457	29,954	39,227	27,111	19,939	18,274	22,098	21,188
South Atlantic States:								
Catch	325,515	260,881	346,574	378,879	305,416	370,717	335,997	356,652
Value	4,064	18,944	17,274	20,230	23,462	19,468	20,619	26,789
North Carolina:								
Catch	170,581	172,339	233,096	265,248	182,384	256,652	238,579	233,961
Value	1,865	6,800	7,284	7,020	6,755	7,047	8,023	9,241
South Carolina:								
Catch	9,446	14,726	22,033	24,252	22,680	22,015	21,723	26,611
Value	266	2,810	2,487	4,039	4,720	3,236	3,001	4,928

[1] Includes Pennsylvania.

No. 1002. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1940 TO 1965—Continued

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

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
South Atlantic States—Continued								
Georgia:								
Catch	12,672	17,351	19,025	27,968	22,136	21,011	18,338	20,059
Value	381	3,584	2,472	3,391	4,553	2,613	2,973	4,140
Florida (east coast):								
Catch	132,816	56,465	72,420	61,411	78,216	71,039	57,357	76,021
Value	1,553	5,749	5,031	5,780	7,434	6,572	6,622	8,480
Catch, by species:								
Crabs	15,290	20,275	32,606	44,927	38,927	51,009	52,274	46,432
Menhaden	224,882	147,125	227,811	215,023	157,169	215,886	190,146	192,275
Shrimp	22,702	36,481	28,539	31,214	26,078	15,529	17,341	26,191
Gulf States:								
Catch	250,018	570,641	829,638	1,265,950	1,437,410	1,399,512	1,317,834	1,463,475
Value	10,581	50,358	76,287	85,459	94,504	98,790	99,298	113,542
Florida (west coast):								
Catch	54,676	62,013	105,756	135,535	119,607	124,683	129,659	135,866
Value	3,452	9,955	21,190	21,048	24,921	22,477	24,165	26,866
Alabama:								
Catch	11,344	10,988	13,441	12,106	9,081	14,888	15,067	17,789
Value	562	2,122	2,265	3,003	2,509	3,714	3,975	4,986
Mississippi:								
Catch	38,002	84,139	183,137	314,214	370,074	341,313	331,898	368,385
Value	623	3,371	5,685	7,606	7,983	8,591	8,045	9,264
Louisiana:								
Catch	126,627	316,250	397,203	566,411	766,540	752,284	696,140	787,087
Value	4,952	23,645	23,418	25,949	28,923	33,941	33,585	36,852
Texas:								
Catch	19,369	97,251	130,101	237,684	172,108	166,344	145,070	154,348
Value	993	11,265	23,729	27,853	30,168	30,067	29,528	35,574
Catch, by species:								
Crabs	18,636	19,218	20,337	35,768	26,802	27,517	26,259	37,879
Menhaden	25,195	326,030	480,992	840,907	1,056,625	967,693	904,141	1,022,837
Mullet	30,417	23,892	27,508	32,708	35,301	35,077	36,890	33,918
Oysters	17,584	12,292	13,881	16,098	18,838	24,139	23,385	19,156
Shrimp	127,838	151,753	212,402	205,725	141,726	203,116	179,032	195,237
Great Lakes: [3]								
Catch [2]	79,296	70,882	76,754	68,243	65,572	59,006	56,687	55,905
Value [2]	5,623	10,846	9,699	7,133	5,533	5,289	5,572	5,832
Superior:								
Catch	20,672	12,584	13,581	13,771	12,602	12,125	9,642	8,748
Value	904	1,977	1,886	1,301	1,086	1,011	849	1,063
Michigan:								
Catch	22,601	27,078	30,036	24,311	23,475	21,021	26,201	26,994
Value	2,050	3,661	3,221	2,447	1,899	1,871	2,601	2,426
Huron:								
Catch	9,012	5,073	4,553	6,338	5,880	5,206	4,094	4,673
Value	680	411	484	1,249	897	785	678	776
Erie:								
Catch	22,944	23,982	26,796	21,258	19,660	17,238	13,354	13,524
Value	1,772	4,572	3,954	1,920	1,451	1,439	1,252	1,414
Pacific Coast States:								
Catch	2,019,969	1,997,542	1,115,427	1,060,825	1,125,747	1,116,733	1,151,612	1,146,725
Value	40,190	139,199	106,532	112,118	138,983	124,105	129,337	148,363
Washington:								
Catch	111,632	118,694	155,305	113,115	117,504	149,687	100,924	127,357
Value	6,676	19,071	20,906	15,551	18,939	21,437	15,632	18,477
Oregon:								
Catch	54,203	58,256	46,710	49,160	61,005	61,362	57,206	69,145
Value	2,742	7,151	5,683	6,055	7,833	7,679	7,030	8,816
California:								
Catch	1,290,446	1,338,299	598,089	540,837	518,020	513,746	500,868	458,028
Value	20,160	81,605	53,175	49,578	54,969	49,286	50,659	50,743
Alaska:								
Catch	563,688	482,293	315,323	357,713	429,218	391,938	492,614	492,195
Value	10,612	31,372	26,768	40,934	57,242	45,703	56,016	70,327

[2] Collected largely by State fishery agencies, and compiled by Fish and Wildlife Service.
[3] Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

No. 1002. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1940 to 1965—Continued

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

STATE, CATCH, AND VALUE	1940	1950	1955	1960	1962	1963	1964	1965
Pacific Coast States—Con.								
Catch, by species:								
Crabs	16,132	23,810	20,004	64,847	76,357	103,844	110,042	160,913
Flounder	20,415	49,799	46,912	47,683	50,875	51,299	47,395	46,463
Halibut	23,733	12,455	22,410	50,932	53,757	45,569	35,047	40,497
Herring	1,060	1,864	2,413	83,820	41,570	38,834	52,246	34,543
Mackerel	120,504	32,650	23,310	36,810	48,579	40,243	26,828	7,050
Pilchard or sardine	913,944	714,522	145,608	57,533	15,363	7,131	13,138	1,924
Salmon	500,561	328,644	289,880	235,447	314,566	294,177	352,246	326,806
Shrimp	1,138	974	1,553	12,418	22,906	21,260	14,497	20,091
Tuna	204,882	389,891	269,362	287,765	293,880	297,343	286,311	296,485
Mississippi River and tributaries:								
Catch	(NA)	105,796	103,166	85,605	69,353	79,850	77,131	84,755
Value	(NA)	10,104	8,205	7,829	6,515	7,393	7,383	7,844
Hawaii:								
Catch	(NA)	15,917	15,096	11,118	13,157	11,735	12,685	19,588
Value	(NA)	3,508	3,113	2,704	2,820	2,679	2,848	3,602
Tuna catch	(NA)	11,918	11,958	9,020	11,063	9,508	10,407	17,450

NA Not available.

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

No. 1003. Catch Landed at Certain Leading Ports: 1965 and 1966

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

PORT	1965		1966 (prel.)		Important species
	Catch	Value	Catch	Value	
Beaufort-Morehead City, N.C.	130,200	3,200	175,000	4,300	Menhaden, shrimp.
Boston, Mass	103,600	11,600	89,700	10,600	Haddock, cod.
Cameron, La	167,800	5,000	166,900	5,200	Menhaden, shrimp.
Empire, La	185,000	6,000	93,600	5,300	Menhaden, shrimp.
Gloucester, Mass	121,400	7,000	115,500	7,600	Whiting, ocean perch, haddock.
Houma, La	151,700	6,300	145,200	7,500	Menhaden, shrimp.
Kodiak, Alaska	(NA)	(NA)	120,000	13,000	King crab, salmon, halibut.
Lewes, Del	45,600	(NA)	(NA)	(NA)	Menhaden.
Morgan City, La	134,700	6,400	91,200	5,800	Menhaden, shrimp.
New Bedford, Mass	147,300	19,800	133,600	19,000	Flounder, haddock, sea scallops.
Pascagoula, Miss	325,100	6,200	224,700	5,500	Menhaden and other industrial fish.
Point Judith, R.I	(NA)	(NA)	51,800	2,500	Industrial fish.
Portland, Maine	48,700	1,900	50,900	2,500	Ocean perch, sea herring, lobster.
Reedville, Va	289,300	(NA)	222,300	(NA)	Menhaden.
Rockland, Maine	37,800	1,500	43,000	1,900	Ocean perch, sea herring, lobster.
San Diego, Calif	54,300	7,200	62,000	8,300	Tuna.
San Pedro, Calif	303,800	31,400	311,000	33,600	Tuna, mackerel, anchovies.

NA Not available.

No. 1004. Fisheries—Disposition of Domestic Catch: 1950 to 1966

[**Round weight of catch in millions of pounds.** Prior to 1960, excludes Hawaii. In addition to whole fish, a large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil. From 400 to 500 million pounds of waste were used in meal and oil production in each year shown. See also *Historical Statistics, Colonial Times to 1957*, series L 155–161]

DISPOSITION	1950	1955	1960	1961	1962	1963	1964	1965	1966 (prel.)
Total	4,884	4,794	4,942	5,187	5,354	4,847	4,541	4,777	4,341
Fresh and frozen	1,692	1,568	1,631	1,572	1,621	1,657	1,643	1,751	1,709
Canned	1,720	1,039	1,043	1,077	1,106	1,073	1,033	1,042	1,028
Cured	100	86	82	81	80	78	71	76	77
Reduced to meal, oil, etc.	1,372	2,101	2,186	2,457	2,547	2,039	1,794	1,908	1,527

Source of tables 1003 and 1004: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fisheries of the United States*

No. 1005. Per Capita Consumption of Commercially Caught Fish and Shellfish: 1940 to 1966

[Pounds of edible meat]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Total	**11.0**	**11.8**	**10.5**	**10.3**	**10.5**	**10.9**	**10.6**
Fresh and frozen	5.7	6.3	5.9	5.7	5.9	6.0	5.9
Canned	4.6	4.9	3.9	4.0	4.1	4.4	4.2
Cured	0.7	0.6	0.7	0.6	0.5	0.5	0.5

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

No. 1006. Canned Fishery Products—Production and Value, by Species: 1950 to 1966

[**Production in thousands of pounds; value in thousands of dollars.** Prior to 1955, excludes Hawaii, Puerto Rico, and American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 176–195]

YEAR	Total	Salmon	SARDINES		Tuna	Mackerel	Shrimp	Clam products	Oysters	Other
			Maine [1]	Calif.						
PRODUCTION										
1950	967,115	206,871	78,037	228,186	173,462	65,567	11,794	38,868	6,893	157,437
1955	843,695	157,855	25,758	63,657	196,412	25,399	13,516	43,324	7,834	309,940
1960	1,083,556	136,049	46,744	27,714	301,388	42,064	14,268	45,256	5,747	464,326
1963	1,035,909	158,153	37,890	2,568	326,712	57,395	15,904	58,742	6,249	372,296
1964	1,095,565	180,442	20,259	5,438	349,834	48,187	9,740	60,348	5,912	415,405
1965	1,121,629	174,413	29,646	374	358,405	31,655	15,629	67,592	4,033	439,882
1966 (prel.)	1,176,613	208,514	31,187	116	394,268	18,575	15,084	68,833	2,800	437,236
VALUE										
1950	331,335	109,541	21,209	26,346	112,136	7,492	12,773	10,840	7,096	23,902
1955	303,165	81,356	9,333	10,014	125,223	3,334	13,562	12,057	7,004	41,282
1960	387,595	88,197	16,700	4,659	172,679	5,804	17,233	13,676	5,640	63,007
1963	421,607	87,963	13,244	685	201,588	7,603	19,531	17,449	5,633	67,911
1964	436,660	95,761	7,584	1,030	217,585	6,760	12,986	17,957	5,292	71,705
1965	495,231	122,744	10,868	71	232,976	4,937	20,655	18,097	3,701	81,122
1966 (prel.)	551,391	134,578	12,219	25	270,239	3,346	22,939	20,605	3,201	84,239

[1] Also known as Atlantic sea herring.

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

No. 1007. Canned and Industrial Fishery Products—Production and Value: 1950 to 1966

[Excludes Hawaii except that, beginning 1955, canned fishery products and meal include Hawaii, Puerto Rico, and American Samoa. See also *Historical Statistics, Colonial Times to 1957*, series L 177 and L 196–201]

YEAR	CANNED		SCRAP AND MEAL		OIL (EXCEPT VITAMIN)		Vitamin oil, value
	Production	Value	Production	Value	Production	Value	
	1,000 lb.	*$1,000*	*Tons*	*$1,000*	*1,000 gal.*	*$1,000*	*$1,000*
1950	967,115	331,335	239,713	29,226	21,432	14,042	3,431
1955	845,019	303,165	264,502	34,749	24,679	14,280	589
1960	1,083,556	387,595	290,137	25,282	27,853	13,037	350
1963	1,035,909	421,607	255,907	30,235	23,974	10,824	29
1964	1,095,565	436,660	235,252	28,039	23,248	13,273	24
1965	1,121,629	495,231	254,051	35,707	[1] 25,218	14,852	
1966 (prel.)	1,176,613	551,391	224,434	32,404	[1] 21,196	12,577	

[1] Includes a small amount of vitamin oil.

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

No. 1008. Fresh and Frozen Fish and Frozen Fishery Products: 1940 to 1966

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1957*, series L 160, for frozen fishery products]

Item and year	Fresh and frozen packaged fish							Frozen fishery products[1]
	Total	Cod	Flounder	Haddock	Ocean perch, Atlantic	Whiting	Other	
PRODUCTION (1,000 lb.)								
1940	129,420	14,805	11,245	37,140	23,014	13,256	29,960	196,155
1950	191,524	12,990	28,331	51,192	63,128	2,537	33,346	287,190
1955	159,039	11,737	22,740	38,276	47,821	3,703	34,762	314,684
1960	153,166	9,483	28,378	33,324	43,551	2,951	35,479	328,741
1961	158,112	10,128	31,517	38,160	37,494	3,297	37,516	319,585
1962	171,528	11,236	38,198	41,553	35,485	3,180	41,876	343,479
1963	165,985	10,432	45,894	36,708	30,250	2,405	40,296	351,466
1964	161,121	10,116	48,554	37,331	23,815	2,094	39,211	332,284
1965	168,832	9,975	49,586	40,154	22,696	2,286	44,135	366,781
1966 (prel.)	166,928	10,099	49,723	39,930	21,664	2,445	43,067	358,639
VALUE ($1,000)								
1940	14,345	1,793	1,542	4,521	2,272	561	3,656	(NA)
1950	53,482	3,101	9,916	14,275	15,126	399	10,665	
1955	44,865	2,785	8,769	9,848	10,896	591	11,976	
1960	48,437	2,851	11,204	10,839	10,177	571	12,795	
1961	51,764	3,204	12,207	12,009	9,475	630	14,239	
1962	59,307	3,618	14,097	14,170	9,429	641	17,352	
1963	57,461	3,395	16,426	13,284	8,490	535	15,331	
1964	57,364	3,351	17,457	13,710	6,324	460	16,062	
1965	66,314	3,530	20,267	16,286	6,156	509	19,566	
1966 (prel.)	70,248	3,823	22,837	16,872	5,743	618	20,355	

NA Not available. [1] Includes Alaska.

No. 1009. Processed Fishery Products—Summary: 1960, 1965, and 1966

[**Production in thousands of pounds, except as indicated.** Includes Puerto Rico and American Samoa]

Product	1960		1965		1966 (prel.)	
	Production	Value ($1,000)	Production	Value ($1,000)	Production	Value ($1,000)
Total	(X)	812,847	(X)	1,117,958	(X)	(NA)
Packaged, fresh and frozen	584,220	315,811	834,392	485,731	(NA)	(NA)
Fish, not breaded:						
Fillets and steaks, raw	153,166	48,437	172,754	68,500	166,928	70,248
Other[1]	6,166	1,262	41,832	5,993	(NA)	(NA)
Fish, breaded, raw and cooked:						
Sticks	65,142	28,671	82,483	35,778	81,295	35,767
Fillets, portions, and pan-dressed	51,924	18,965	148,385	60,448	(NA)	(NA)
Shellfish:						
Not breaded	191,749	138,022	234,217	193,879	(NA)	(NA)
Breaded	84,221	57,412	111,178	88,463	(NA)	(NA)
Fish and shellfish specialties	31,852	23,043	43,543	32,670	(NA)	(NA)
Canned products	1,083,556	387,595	1,121,629	495,231	1,176,613	551,391
Fish and shellfish for human consumption	661,066	342,747	749,518	446,833	818,717	503,583
Salmon eggs for bait	718	869	756	1,550	559	1,254
Animal food[1]	421,772	43,979	371,355	46,848	357,337	46,554
Cured fish	68,319	42,845	74,448	54,166	(NA)	(NA)
Salted and pickled[2]	35,949	14,388	42,152	17,733	(NA)	(NA)
Smoked	31,512	27,557	31,573	33,896	(NA)	(NA)
Dried shrimp	[3] 857	[3] 900	[3] 723	[3] 2,537	(NA)	(NA)
Industrial products	(X)	66,595	(X)	82,830	(X)	73,369
Meal and scrap ... 1,000 tons	290	25,282	254	35,707	224	32,404
Oil (body and liver) ... 1,000 gallons	27,886	13,386	25,218	14,852	21,196	12,577
Fish solubles and homogenized condensed fish ... 1,000 tons	99	4,021	95	5,939	85	5,170
Oyster and marine clam-shell lime and grit ... 1,000 tons	471	6,821	350	4,559	338	4,472
Marine pearl-shell buttons ... 1,000 gross	1,426	2,676	409	1,017	223	815
Other	(X)	14,409	(X)	20,756	(X)	17,931

NA Not available. X Not applicable. [1] Includes whale meat for animal feeding.
[2] Includes lutefisk from dried cod. [3] Includes other species, principally tuna.

Source of tables 1008 and 1009: Dept. of the Interior, Fish and Wildlife Service; annual report, *Fishery Statistics of the United States*.

No. 1010. Fishery Products—Imports and Exports: 1940 to 1966

[**Quantity in thousands of pounds; value in thousands of dollars.** Includes Puerto Rico; beginning 1955, imports also include landings of tuna by foreign vessels in American Samoa. See *Historical Statistics, Colonial Times to 1957*, series L 162, for edible imports]

Year	Imports				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
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
1955	258,869	780,185	208,973	49,896	39,977	109,750	24,923	15,054
1960	363,281	1,095,014	310,596	52,685	44,165	61,454	25,622	18,543
1962	489,807	1,255,532	405,832	83,975	35,728	56,530	22,470	13,258
1963	500,712	1,196,917	399,928	100,784	56,605	64,745	30,376	26,229
1964	564,243	1,318,099	433,674	130,569	64,204	94,835	42,878	21,326
1965	600,869	1,398,416	479,377	121,492	69,483	96,444	49,308	20,175
1966 (prel.)	(NA)	(NA)	(NA)	(NA)	84,813	109,604	62,882	21,931

NA Not available.

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

No. 1011. Selected Fishery Products—Imports and Exports: 1955 to 1966

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

Product	1955		1960		1965		1966 (prel.)
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
IMPORTS							
Edible:							
Fresh or frozen:							
Whitefish (exc. fillets)	10,161	3,421	14,483	5,520	13,382	5,278	(NA)
Halibut (exc. fillets)	15,988	3,187	24,124	5,832	21,726	7,508	19,496
Salmon (exc. fillets)	16,945	5,488	13,472	6,340	7,861	5,154	8,295
Sea herring	6,302	151	74,682	1,728	117,993	2,222	(NA)
Smelt	6,176	1,230	8,437	1,402	8,800	1,308	(NA)
Swordfish (exc. fillets)	6,742	2,000	7,256	2,994	7,193	3,784	(NA)
Tuna	145,246	19,047	234,648	29,595	339,221	48,501	403,370
Groundfish fillets	128,312	24,768	155,550	33,265	294,954	73,934	315,098
Other fillets and steaks	55,223	17,627	61,713	20,955	74,724	30,078	92,707
Lobster and spiny lobster	45,441	30,104	53,749	44,767	56,411	68,701	53,971
Shrimp and prawn	53,772	24,532	113,418	56,406	160,287	111,277	176,424
Canned:							
Anchovies, in oil	5,753	2,695	5,160	2,173	4,543	3,617	(NA)
Salmon	14,644	5,173	19,113	7,541	101	80	572
Sardines, in oil	20,930	7,502	21,236	8,330	21,532	10,241	23,600
Sardines and herring, not in oil	9,886	2,366	16,732	3,467	31,435	6,383	33,989
Tuna, in oil	818	355	596	221	211	121	160
Tuna, not in oil	34,745	13,846	51,159	18,921	50,750	20,307	61,400
Bonito and yellowtail:							
In oil	11,725	2,822	7,109	1,699	2,044	600	1,536
Not in oil	3,589	688	2,795	599	1,888	443	1,320
Crab meat	4,951	4,718	4,507	5,514	4,166	4,935	2,233
Lobster, common and spiny	3,775	5,073	2,939	5,239	2,980	7,336	3,019
Pickled or salted:							
Cod, haddock, hake, pollock, and cusk	50,626	7,793	47,355	9,435	8,610	2,838	(NA)
Herring	32,390	3,641	29,294	3,924	26,742	3,756	(NA)
Nonedible (scrap and meal)	196,000	12,956	264,000	11,068	542,000	30,720	896
EXPORTS							
Canned:							
Salmon	10,429	6,599	11,924	9,830	24,892	15,916	20,484
Mackerel	1,548	244	1,305	211	2,174	401	1,139
Sardines, in oil	1,179	246	264	65	3,376	990	3,557
Sardines, not in oil	45,431	7,232	20,955	3,443			
Fish oil, nonedible	143,042	11,913	143,659	10,688	103,807	9,208	77,255

NA Not available.

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

No. 1012. Supply of Fishery Products: 1955 to 1966

[Round weight, in millions of pounds, except as indicated]

ITEM	1955	1960	1963	1964	1965	1966
Total	7,121	8,223	11,434	12,031	10,534	12,439
For human food	3,911	4,264	4,803	4,873	5,162	5,422
For industrial use	3,210	3,959	6,631	7,158	5,372	7,017
Domestic catch	4,809	4,942	4,847	4,541	4,776	4,341
Percent of total	67.5	60.1	42.4	37.7	45.3	34.9
For human food	2,579	2,498	2,556	2,497	2,586	2,568
For industrial use [1]	2,230	2,444	2,291	2,044	2,190	1,773
Imports [2]	2,312	3,281	6,587	7,490	5,758	8,098
Percent of total [2]	32.5	39.9	57.6	62.3	54.7	65.1
For human food [2]	1,332	1,766	2,247	2,376	2,576	2,854
For industrial use [1]	980	1,515	4,340	5,114	3,182	5,244

[1] Univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) are reported in the weights of meats, excluding the shell.
[2] Excludes imports of cured cod into Puerto Rico; includes landings of foreign caught tuna in American Samoa.

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

No. 1013. Pollution-Caused Fish Kill, by Source of Pollution and Type of Water: 1963 to 1966

[**Fish in thousands.** Estimates based on reports from State agencies responsible for fisheries management]

ITEM	1963	1964	1965	1966
Number of reports	300	385	446	372
Fish reported killed—number	6,817	17,870	11,393	8,743
By source of pollution:				
Agricultural operations	561	1,415	1,390	1,260
Insecticides, poisons, etc.	401	191	771	218
Fertilizers	1	67	3	1
Manure-silage drainage	158	1,157	617	1,041
Industrial operations	2,691	12,525	3,764	4,623
Chemicals	224	526	219	709
Food and kindred products	428	250	537	1,793
Mining	331	2,575	295	1,443
Paper and allied products	172	9	495	13
Petroleum	1,157	547	1,516	154
Combinations	21	8,336	492	95
Other	358	283	211	416
By source of pollution—Con.				
Municipal operations	914	3,894	5,912	1,347
Refuse disposal	7	2	17	–
Sewerage systems	905	3,668	5,211	1,284
Water systems	1	128	604	7
Other	2	94	79	56
Transportation operations	78	22	307	103
Pipeline	1	5	197	24
Truck	72	11	106	66
Other	5	7	3	13
Other operations	2,572	13	21	1,410
By type of water:				
Fresh	5,478	15,334	11,256	8,699
Salt	1,234	2,532	102	19
Estuary	104	4	36	25
Average duration of kill—days	3.2	2.4	2.6	2.7

– Represents zero.

Source: Dept. of the Interior, Federal Water Pollution Control Administration; annual reports, *Pollution-Caused Fish Kills*.

No. 1014. Pollution-Caused Fish Kill, by Source of Pollution: 1966

[Based on reports from State agencies responsible for fisheries management]

SOURCE OF POLLUTION	REPORTS				ESTIMATED KILL (1,000) [2]			
	Total	Giving number of fish killed			Total	Game	Non-game	Of commercial value
		Number	Fish (1,000)	Average kill [1]				
Total	436	372	8,743	5,620	9,115	1,480	7,635	3,098
Agricultural operations	87	79	1,260	4,185	1,293	455	838	439
Industrial operations	194	160	4,623	6,540	4,845	596	4,249	1,647
Municipal operations	90	79	1,347	5,970	1,413	146	1,267	480
Transportation operations	27	24	103	4,275	116	30	86	39
Other operations	38	30	1,410	4,630	1,448	253	1,195	492

[1] Averages derived after exclusion of 21 reports of 100,000 or more.
[2] All fish killed as reported plus average for each source applied to reports which gave no number.

Source: Dept. of the Interior, Federal Water Pollution Control Administration; annual report, *Pollution-Caused Fish Kills, 1966*.

Section 27

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 principal source of these data is the *Minerals Yearbook*, published by the Bureau of Mines of the Department of the Interior, in four volumes, as follows: *Metals and Minerals (Except Fuels)*, *Fuels*, *Area Reports*, and *International Review*. Other government sources are the Census of Mineral Industries, conducted every 5 years by the Bureau of the Census; *Statistics of Oil Pipe Line Companies*, issued annually by the Interstate Commerce Commission as Part 6 of *Transport Statistics*; and the Bureau of the Mint's *Annual Report of the Director*, which presents data on gold and silver. Nongovernment sources include the *Engineering and Mining Journal*, issued monthly by the McGraw-Hill Publishing Co., New York, and *The Iron Age*, issued weekly by the Chilton Co., Philadelphia.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the United States Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The Bureau of Mines also collects and publishes data on man-hours, active days, length of shift, and accidents. The *International Review* presents mineral statistics for major countries and areas.

Decennial censuses of mineral industries were conducted by the Bureau of the Census from 1840 to 1940. Censuses were taken again for the years 1954, 1958, and 1963. They provide, for the various types of mineral establishments, information on operating costs, capital expenditures, and labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series.

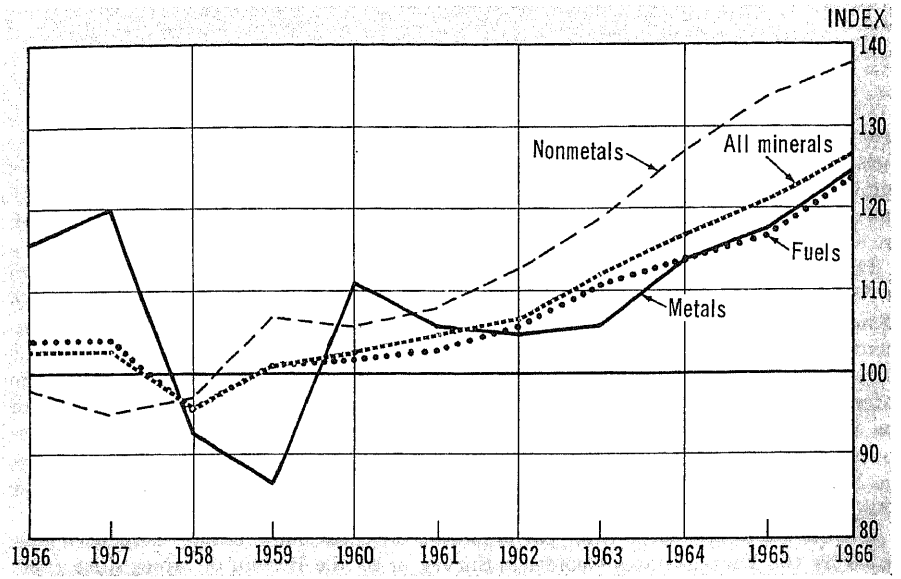
Data on mining and mineral products may also be found in other sections of this *Abstract*. For example, data on iron and steel, aluminum and magnesium, copper products, clay products, and other manufactured mineral products appear in section 29, Manufactures; and summary data for outlying areas of the U.S. appear in section 32.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1019. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of Alaska, Hawaii, and Puerto Rico, but exclude shipments between conterminous U.S. and outlying areas.

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

FIG. XLIV. INDEXES OF THE PHYSICAL VOLUME OF MINERAL PRODUCTION: 1956 TO 1966

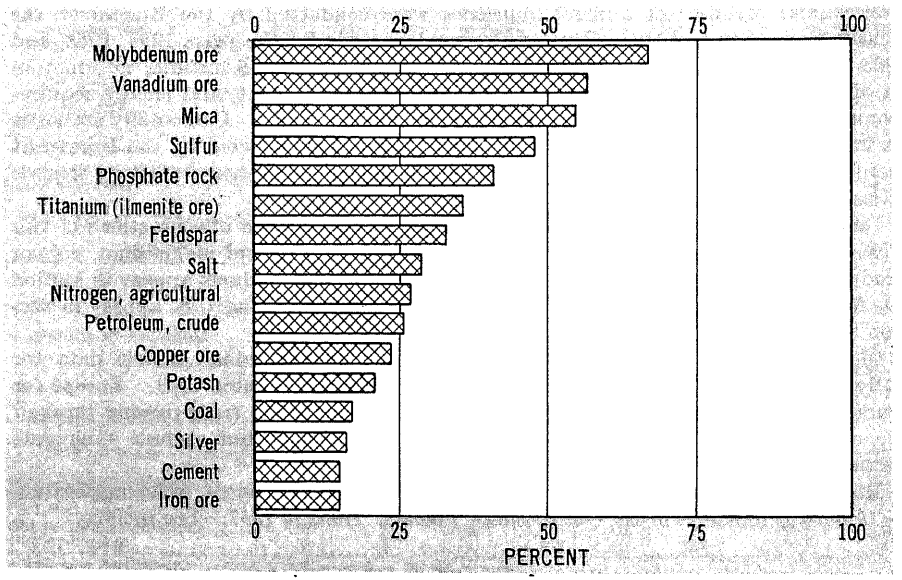
[1957-59=100. See table 1016]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

FIG. XLV. U.S. MINERAL PRODUCTION AS PERCENT OF WORLD TOTAL: 1965

[See table 1020]



Source: Chart prepared by Dept. of Commerce, Bureau of the Census. Data from Dept. of the Interior, Bureau of Mines.

No. 1015. Value of Mineral Production: 1931 to 1966

[**In millions of dollars.** Prior to 1953, excludes Alaska and Hawaii. Includes some products, as cement, lime, and natural gas liquids in all years, and, through 1946, heavy clay products; also, nonferrous metals are valued at the refined price. See also *Historical Statistics, Colonial Times to 1957*, series M 13–14, M 20, and M 30]

YEARLY AVERAGE	Total	Metals	Non-metals	Fuels [1]	YEAR	Total	Metals	Non-metals	Fuels [1]
1931–1935	2,463	252	520	1,691	1960	18,032	2,022	3,868	12,142
1936–1940	3,879	623	711	2,545	1962	18,838	1,937	4,117	12,784
1941–1945	5,840	910	937	3,993	1963	19,615	2,002	4,318	13,295
1946–1950	10,277	1,097	1,503	7,678	1964	20,507	2,261	4,623	13,623
1951–1955	14,285	1,734	2,480	10,070	1965	21,433	2,472	4,916	14,045
1956–1960	17,557	1,936	3,595	12,026	1966 (prel.)	22,792	2,635	5,104	15,053
1961–1965	19,725	2,120	4,384	13,221					

[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.

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

No. 1016. Bureau of Mines Indexes of Mineral Production and Value: 1956 to 1966

[**1957–59=100.** Includes Puerto Rico and outlying areas of U.S. See *Historical Statistics, Colonial Times to 1957*, series M 51–62, for indexes of physical volume on 1947–49 base]

YEAR	PHYSICAL VOLUME OF PRODUCTION				IMPLICIT UNIT VALUE [1]			
	All minerals	Metals	Non-metals	Fuels	All minerals	Metals	Non-metals	Fuels
1956	103.4	116.3	97.5	103.5	97.1	114.9	97.2	93.9
1957	103.3	120.0	95.4	103.5	101.3	100.7	99.4	101.7
1958	96.0	92.8	97.5	96.0	99.5	97.1	99.5	99.9
1959	100.7	87.2	107.1	100.5	99.1	102.0	101.0	98.3
1960	103.3	110.8	105.8	101.6	100.2	103.5	102.4	98.8
1961	104.5	106.4	108.3	103.1	100.2	102.8	102.1	99.2
1962	107.4	105.0	113.3	106.0	100.6	104.7	101.8	99.7
1963	112.2	105.7	119.4	110.8	100.3	101.2	107.3	99.2
1964	116.7	113.9	126.9	114.0	100.7	112.8	101.9	98.5
1965	120.8	117.5	134.2	117.3	101.3	119.4	101.2	98.7
1966 (prel.)	126.8	124.9	137.6	123.8	102.6	119.4	102.5	100.2

[1] Value index divided by physical volume index. Based on production data not strictly comparable with those shown in source.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1017. Federal Reserve Board Production Indexes—Mining and Metals: 1950 to 1966

[1957–59=100. See *Historical Statistics, Colonial Times to 1957*, series M 63–66, for indexes on 1947–49 base]

ITEM	1950	1955	1960	1964	1965	1966 (prel.)
Mining	83	99	102	112	115	120
Coal, oil, and gas	85	100	100	110	113	118
Coal	126	110	94	109	113	115
Crude oil	77	98	101	110	112	119
Gas and gas liquids	61	88	113	136	143	152
Metal, stone, and earth minerals	75	96	111	118	126	133
Metal mining	91	104	112	117	124	133
Stone and earth minerals	65	91	110	119	127	134
Metals:						
Primary metals	100	118	101	129	138	143
Iron and steel	103	121	101	127	134	136
Nonferrous metals and products	86	108	103	138	152	167

Source: Board of Governors of the Federal Reserve System; *Industrial Production, 1957–59 Base*, and *Federal Reserve Bulletin*.

No. 1018. Mineral Production—Value, 1960 to 1965, and Rank and Principal Minerals in Order of Value, 1965, by States

[In millions of dollars]

STATE	1960	1963	1964	1965		
				Value	Rank	Principal minerals in order of value
U.S.[1]	18,032	19,615	20,507	21,433	(X)	Petroleum, natural gas, coal, cement.
N.E.	92	101	112	113	(X)	
Maine	14	14	18	18	47	Sand and gravel, cement, stone, clays.
N.H.	5	6	7	8	48	Sand and gravel, stone, feldspar, clays.
Vt.	23	24	26	27	44	Stone, asbestos, sand and gravel, talc.
Mass.	28	33	36	36	43	Sand and gravel, stone, lime, clays.
R.I.	6	3	3	3	49	Sand and gravel, stone.
Conn.	15	21	22	21	45	Stone, sand and gravel, lime, feldspar.
M.A.	1,156	1,290	1,269	1,284	(X)	
N.Y.	261	259	288	290	18	Cement, stone, sand and gravel, salt.
N.J.	56	73	78	80	37	Sand and gravel, stone, zinc, magnesium compounds.
Pa.	838	857	902	914	4	Coal, cement, stone, iron ore.
E.N.C.	1,723	1,769	1,883	1,915	(X)	
Ohio	406	419	455	464	15	Coal, stone, lime, cement.
Ind.	211	204	212	219	24	Coal, cement, stone, petroleum.
Ill.	590	587	591	593	8	Coal, petroleum, stone, sand and gravel.
Mich.	438	492	555	566	10	Iron ore, cement, copper, sand and gravel.
Wis.	79	67	70	73	39	Sand and gravel, stone, cement, zinc.
W.N.C.	1,494	1,476	1,569	1,628	(X)	
Minn.	516	454	497	508	12	Iron ore, sand and gravel, stone, cement.
Iowa	99	98	107	113	29	Cement, stone, sand and gravel, gypsum.
Mo.	162	159	189	226	23	Stone, cement, lead, iron ore.
N. Dak.	78	95	93	93	32	Petroleum, sand and gravel, coal, natural gas.
S. Dak.	48	54	53	50	41	Gold, sand and gravel, stone, cement.
Nebr.	104	99	92	84	34	Petroleum, cement, sand and gravel, stone.
Kans.	487	518	538	554	11	Petroleum, natural gas, helium, natural gas liquids.
S.A.[1]	1,339	1,471	1,582	1,693	(X)	
Del.	1	1	2	2	50	Sand and gravel, stone, clays, gem stones.
Md.	58	70	74	78	38	Stone, cement, sand and gravel, coal.
Va.	209	229	237	268	19	Coal, stone, cement, sand and gravel.
W. Va.	723	768	823	860	6	Coal, natural gas, natural gas liquids, stone.
N.C.	45	45	56	60	40	Stone, sand and gravel, cement, feldspar.
S.C.	31	36	39	41	42	Cement, stone, clays, sand and gravel.
Ga.	92	119	127	135	28	Clays, stone, cement, sand and gravel.
Fla.	180	202	223	249	20	Phosphate rock, stone, cement, clays.
E.S.C.	981	1,029	1,066	1,104	(X)	
Ky.	415	433	444	466	14	Coal, petroleum, stone, natural gas.
Tenn.	146	161	174	183	26	Stone, zinc, cement, phosphate rock.
Ala.	222	216	236	246	21	Coal, cement, stone, petroleum.
Miss.	199	220	212	209	25	Petroleum, natural gas, sand and gravel, cement.
W.S.C.	7,059	8,111	8,391	8,775	(X)	
Ark.	160	167	175	179	27	Petroleum, stone, bauxite, sand and gravel.
La.	1,991	2,638	2,785	2,979	2	Petroleum, natural gas, natural gas liquids, sulfur.
Okla.	783	878	882	908	5	Petroleum, natural gas, natural gas liquids, cement.
Tex.	4,126	4,427	4,549	4,709	1	Petroleum, natural gas, natural gas liquids, cement.
Mt.	2,606	2,725	2,843	3,048	(X)	
Mont.	179	182	211	229	22	Copper, petroleum, sand and gravel, phosphate rock.
Idaho	58	83	86	105	30	Silver, lead, zinc, phosphate rock.
Wyo.	439	502	500	499	13	Petroleum, natural gas, iron ore, sodium salts.
Colo.	345	317	316	331	17	Petroleum, molybdenum, coal, sand and gravel.
N. Mex.	654	689	720	773	7	Petroleum, potassium salts, natural gas, copper.
Ariz.	417	481	534	580	9	Copper, sand and gravel, molybdenum, cement.
Utah	433	385	391	431	16	Copper, petroleum, coal, molybdenum.
Nev.	81	85	85	100	31	Copper, sand and gravel, iron ore.
Pac.	1,581	1,744	1,792	1,873	(X)	
Wash.	72	71	81	86	33	Sand and gravel, cement, stone, zinc.
Oreg.	56	63	64	83	36	Sand and gravel, stone, cement, nickel.
Calif.	1,422	1,526	1,561	1,599	3	Petroleum, natural gas, cement, sand and gravel.
Alaska	22	68	66	84	35	Sand and gravel, petroleum, coal, stone.
Hawaii	9	15	20	21	46	Sand and gravel, stone, cement, pumice.

X Not applicable. [1] Includes District of Columbia, not shown separately.

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

No. 1019. Mineral Production, 1960 to 1965, and Principal Producing States, 1965

[Value in thousands of dollars. Data represent production as measured by mine shipments, mine sales, or marketable production (including consumption by producers). See *Historical Statistics, Colonial Times to 1957*, series M 13–37, for selected values]

Mineral	1960 Quantity	1960 Value	1963 Quantity	1963 Value	1964 Quantity	1964 Value	1965 Quantity	1965 Value	1965 Principal producing States in order of quantity
Total mineral production	(X)	18,032,000	(X)	19,615,000	(X)	20,507,000	(X)	21,433,000	(X)
Mineral fuels	(X)	12,142,000	(X)	13,295,000	(X)	13,623,000	(X)	14,045,000	(X)
Asphalt and related bitumens (native): Bituminous limestone and sandstone and gilsonite ... short tons	1,625,911	13,090	1,632,645	8,383	1,935,344	10,038	1,911,664	9,461	Tex., Utah, Ala., Mo.
Carbon dioxide, natural (estimated) ... 1,000 cubic feet	521,169	99	1,295,545	178	1,232,816	166	1,173,676	152	N. Mex., Colo., Utah, Calif.
Coal:									
Bituminous and lignite [1] ... 1,000 short tons	415,512	1,950,425	458,928	2,013,309	486,998	2,165,582	512,088	2,276,022	W.Va., Pa., Ky., Ill.
Pennsylvania anthracite ... 1,000 short tons	18,817	147,116	18,267	153,503	17,184	148,648	14,866	122,021	Pa.
Helium [2] ... 1,000 cubic feet	475,179	7,768	627,344	21,957	4,027,497	61,245	4,365,068	66,687	Kans., Tex., Okla., Ariz.
Natural gas ... million cubic feet	12,771,038	1,789,970	14,746,663	2,328,030	15,462,138	2,387,689	16,039,753	2,494,542	Tex., La., Okla., N. Mex.
Natural-gas liquids:									
Natural gasoline and cycle products ... 1,000 gallons	5,842,507	416,819	6,534,967	439,173	7,000,181	463,600	7,288,070	494,354	Tex., La., Okla., N. Mex.
LP-gases ... 1,000 gallons	8,444,074	391,566	10,302,250	359,770	10,743,591	362,792	11,257,267	417,249	
Peat ... short tons	470,889	5,138	546,621	5,423	639,690	6,198	603,746	6,080	Mich., Ind., Pa., N.J.
Petroleum (crude) ... 1,000 (42-gal.) bbl	2,574,933	7,420,181	2,752,723	7,965,743	2,786,822	8,017,078	2,848,462	8,158,150	Tex., La., Calif., Okla.
Nonmetallic minerals (except fuels)	(X)	3,868,000	(X)	4,318,000	(X)	4,623,000	(X)	4,916,000	(X)
Abrasive stone [3] ... short tons	2,539	240	2,693	255	3,186	292	3,603	432	(NA)
Aplite ... long tons	(D)	(4)	(D)	(4)	(D)	(4)	(D)	(4)	Va.
Asbestos ... short tons	45,223	4,231	66,396	5,108	101,092	8,143	118,275	10,162	Calif., Vt., Ariz., N.C.
Barite ... 1,000 short tons	714	8,574	824	9,402	830	9,796	852	10,192	Mo., Ark., Ga., Nev.
Boron minerals ... short tons	640,591	47,550	700,183	54,981	776,000	60,871	807,000	64,180	Calif.
Bromine ... 1,000 pounds	175,010	44,637	203,333	48,558	283,530	66,064	328,115	77,259	Tex., Mich., Ark., Calif.
Cement:									
Portland ... 1,000 (376-lb.) bbl	321,646	1,089,134	342,036	1,095,884	358,378	1,145,108	366,802	1,154,448	Calif., Pa., Tex., N.Y.
Masonry ... 1,000 (280-lb.) bbl			20,997	59,599	22,397	63,305	23,260	65,979	
Natural and slag ... 1,000 (376-lb.) bbl			352	1,407	283	1,057	279	1,027	
Clays ... 1,000 short tons	49,069	162,411	50,135	180,810	52,947	192,631	55,089	203,772	Ohio, Ga., Tex., Pa.
Emery ... short tons	8,169	142	6,732	119	9,214	172	10,720	204	N.Y.
Feldspar ... long tons	502,380	4,779	548,954	5,525	587,194	5,389	624,598	6,263	N.C., Calif., Conn., S. Dak.
Fluorspar ... short tons	229,782	10,391	199,948	9,001	217,137	9,723	240,932	10,889	Ill., Ky., Mont., Nev.
Garnet (abrasive) ... short tons	10,522	986	14,626	1,412	16,123	1,622	19,330	1,717	N.Y., Idaho.
Gem stones (estimated)	(5)	1,188	(5)	1,421	(5)	1,474	(5)	2,218	(NA)
Gypsum ... 1,000 short tons	9,825	35,690	10,388	38,138	10,684	38,874	10,035	37,423	Calif., Mich., Iowa, Tex.
Lime ... 1,000 short tons	12,935	172,731	14,521	199,389	16,089	223,149	16,794	232,939	Ohio, Pa., Mo., Tex.

[1] See footnotes at end of table.

No. 1019. Mineral Production, 1960 to 1965, and Principal Producing States, 1965—Contnuied

[Value in thousands of dollars]

MINERAL	1960		1963		1964		1965		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Principal producing States in order of quantity
Nonmetallic minerals (except fuels)—Continued									
Magnesium compounds from sea water and brines (except for metals) ..... short tons (MgO equivalent)	293,454	21,903	520,699	39,323	599,698	42,177	644,021	47,555	Mich., Calif., Tex., N.J.
Mica:									
Scrap ..... short tons	97,912	2,698	109,323	2,776	114,729	3,353	120,255	3,468	N.C., Ala., Ga., S.C.
Sheet ..... pounds	587,401	3,108	102,961	13	242,662	58	716,086	185	N.C., Ga.
Perlite ..... short tons	312,153	2,665	325,132	2,727	349,867	3,073	392,384	3,352	N. Mex., Ariz., Nev., Calif.
Phosphate rock ..... 1,000 long tons	17,516	117,041	19,855	139,861	22,960	161,067	26,440	194,552	Fla., Idaho, Tenn., Mont.
Potassium salts ..... 1,000 short tons (K_2O equivalent)	2,638	89,676	2,864	110,164	2,897	114,095	3,140	129,767	N. Mex., Calif., Utah.
Pumice ..... 1,000 short tons	2,210	5,569	2,618	6,578	2,776	6,443	3,483	6,640	Ariz., Calif., Oreg., Hawaii.
Pyrites ..... 1,000 long tons	1,016	7,936	825	5,698	847	5,471	875	5,333	Tenn., Pa., Ariz., Colo.
Salt (common) ..... 1,000 short tons	25,479	161,140	30,641	184,589	31,623	200,706	34,687	215,699	La., Tex., Ohio, N.Y.
Sand and gravel ..... 1,000 short tons	709,792	720,432	821,850	847,272	868,208	893,375	908,049	957,416	Calif., Mich., Ohio, N.Y.
Sodium carbonate (natural) ..... short tons	808,624	20,865	1,119,081	27,616	1,274,745	30,451	1,494,105	34,717	Wyo., Calif.
Sodium sulfate (natural) ..... short tons	449,631	8,706	435,257	8,392	575,033	10,989	619,752	11,024	Calif., Tex., Wyo.
Stone [6] ..... 1,000 short tons	616,784	952,555	688,366	1,068,108	725,583	1,134,564	780,072	1,203,618	Pa., Ill., Calif., Ohio.
Sulfur:									
Frasch-process mines ..... 1,000 long tons	5,003	115,494	4,995	99,014	6,035	120,776	7,251	146,921	Tex., La.
Other mines ..... 1,000 long tons	181	1,732	1	15	1	8	3	11	Utah, Calif., Nev.
Talc, pyrophyllite and soapstone ..... short tons	734,473	5,378	804,358	5,505	889,949	6,218	862,875	6,343	N.Y., Calif., N.C., Vt.
Tripoli ..... short tons	57,713	247	66,635	266	64,613	268	71,138	381	Ill., Okla., Ark., Mo.
Vermiculite ..... 1,000 short tons	199	3,108	226	3,572	226	3,613	249	4,460	Mont., S.C.
Nonmetallic minerals, undistributed [7]	(X)	44,715	(X)	54,929	(X)	58,771	(X)	65,028	(X)

Metals									
Antimony ore and concentrate short tons (antimony content)	(X)	2,022,000	(X	2,002,000	(X)	2,261,000	(X)	2,472,000	(X)
Bauxite long tons (dried equivalent)	635	(8)	645	(8)	632	(8)	845	(8)	Idaho, Nev., Alaska.
Beryllium concentrate short tons (gross weight)	1,997,827	21,107	1,524,700	17,234	1,600,722	17,875	1,653,840	18,632	Ark., Ala., Ga.
	509	162	[9] 751	(8)	(D)	(8)	(D)	(8)	S. Dak.
Copper (recoverable content of ores, etc.) short tons	1,080,169	693,468	1,213,166	747,310	1,246,780	812,901	1,351,734	957,028	Ariz., Utah, Mont., N. Mex.
Gold (recoverable content of ores, etc.) troy ounces	1,666,772	58,336	1,454,010	50,889	1,456,308	50,971	1,705,190	59,682	S. Dak., Utah, Nev., Ariz.
Iron ore, usable (excluding byproduct iron sinter) 1,000 long tons (gross weight)	82,963	724,131	73,563	678,177	84,300	802,331	84,472	804,498	Minn., Mich., Calif., N.Y.
Lead (recoverable content of ores, etc.) short tons	246,669	57,722	253,369	54,727	286,010	74,936	301,147	93,959	Mo., Idaho, Utah, Colo.
Manganese ore (35 percent or more Mn) short tons (gross weight)	80,021	5,352	10,622	(8)	26,058	(8)	29,258	(8)	Mont., N. Mex.
Manganiferous ore (5 to 35 percent Mn) short tons (gross weight)	658,455	4,466	543,125	(8)	238,776	(8)	332,763	(8)	Minn., N. Mex., Mont.
Mercury 76-pound flasks	33,223	7,002	19,117	3,623	14,142	4,452	19,582	11,176	Calif., Nev., Oreg., Idaho.
Molybdenum (content of concentrate) 1,000 pounds	69,941	87,406	65,839	91,096	65,097	97,121	77,310	120,801	Colo., Utah, Ariz., N. Mex.
Nickel (content of ore and concentrate) short tons	14,079	(8)	13,394	(8)	15,420	(8)	16,188	(8)	Oreg.
Silver (recoverable content of ores, etc.) 1,000 troy ounces	30,766	27,846	35,243	45,076	36,334	46,980	39,808	51,469	Idaho, Ariz., Utah, Mont.
Titanium concentrate:									
Ilmenite short tons (gross weight)	789,237	14,655	890,071	16,529	1,003,997	19,178	948,832	18,058	N.Y., Fla., N.J., Va.
Rutile short tons (gross weight)	9,226	957	11,311	1,262	10,547	1,016	10,037	759	
Tungsten ore and concentrate short tons (60-percent WO_3 basis)	7,325	9,815	5,657	7,202	9,244	11,251	7,949	13,028	Calif., Colo., Wash.
Uranium ore short tons	7,970,211	152,188	5,645,921	115,821	5,674,631	111,707	4,362,614	83,915	N. Mex., Wyo., Colo., Utah.
Vanadium (recoverable in ore and concentrate) short tons	4,971	17,749	3,862	13,788	4,362	13,061	5,226	18,284	Colo., Utah, Ariz., Idaho.
Zinc (recoverable content of ores, etc.) short tons	435,427	112,365	529,254	122,533	574,858	156,308	611,153	178,284	Tenn., N.Y., Idaho, Colo.
Metals, undistributed [10]	(X)	23,078	(X)	36,827	(X)	40,357	(X)	42,641	(X)

D Withheld to avoid disclosing individual company data.
NA Not available. X Not applicable.
[1] Includes small quantity of anthracite mined in States other than Pennsylvania.
[2] 1960 and 1963, refined only; thereafter, crude and refined.
[3] Grindstones, pulpstones, millstones (weight not recorded), grinding pebbles, sharpening stones, and tube-mill liners.
[4] Included with "Nonmetallic minerals, undistributed."
[5] Weight not recorded.
[6] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.
[7] Comprises value of items that cannot be disclosed: Brucite, calcium-magnesium chloride, diatomite, epsom salts from epsomite (1963) graphite, iodine, kyanite, lithium minerals, magnesite, greensand marl, olivine, staurolite, wollastonite, and values indicated by footnote reference 4.
[8] Included with "Metals undistributed."
[9] Includes 750 short tons of low-grade beryllium ore in 1963.
[10] Comprises value of items that cannot be disclosed: Chromite, cobalt, magnesium chloride for magnesium metal, manganiferous residuum, platinum-group metals (crude), rare earth metal concentrates, tin, zirconium concentrate, and values indicated by footnote reference 8.

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

No. 1020. Principal Metals and Minerals—U.S. Production as Percent of World Production: 1965

[Preliminary]

Mineral	World production: Total	World production: Percent U.S.
Fuels:		
Coal.....mil. short tons..	3,089	17
Petroleum (crude).....mil. bbl..	11,063	26
Nonmetals:		
Asbestos.....1,000 short tons..	3,570	3
Cement [1].....mil. bbl..	2,545	15
Feldspar.....1,000 long tons..	1,900	33
Fluorspar.....1,000 short tons..	3,170	8
Gypsum.....1,000 short tons..	51,610	19
Mica (incl. scrap) 1,000 short tons..	218	55
Nitrogen, agricultural [1 2] 1,000 short tons..	18,200	27
Phosphate rock..1,000 long tons..	64,600	41
Potash (K_2O equivalent) 1,000 short tons..	14,800	21
Salt [1].....1,000 short tons..	118,590	29
Sulfur, elemental 1,000 long tons..	15,120	48
Metals, mine basis:		
Bauxite.....1,000 long tons..	36,530	5
Copper [3].....1,000 short tons..	5,600	24
Iron ore.....1,000 long tons..	605,637	15
Lead [3].....1,000 short tons..	2,975	10
Metals, mine basis—Continued		
Mercury.....1,000 76-lb. flasks..	275	7
Molybdenum [3].....1,000 lb..	115,400	67
Nickel [3].....mil. short tons..	472	3
Silver.....1,000 troy oz..	251,000	16
Titanium concentrates: [4]		
Ilmenite.....1,000 short tons..	2,728	36
Rutile.....1,000 short tons..	243	(D)
Tungsten concentrate (60 percent WO_3).....short tons..	59,800	13
Vanadium [3].....short tons..	9,150	57
Zinc [3].....1,000 short tons..	4,750	13
Metals, smelter basis:		
Aluminum.....1,000 short tons..	7,415	37
Copper.....1,000 short tons..	6,020	24
Iron, pig (incl. ferroalloys) 1,000 short tons..	370,065	25
Lead.....1,000 short tons..	2,905	14
Magnesium.....short tons..	174,000	47
Steel ingots and castings 1,000 short tons..	507,540	26
Tin.....long tons..	194,100	2
Uranium oxide (U_3O_8) [4] short tons..	20,800	50
Zinc.....1,000 short tons..	4,240	23

D Withheld to avoid disclosing individual company data. [1] United States production includes Puerto Rico. [2] For year ended June 30. [3] Content of ore and concentrate. [4] Excludes U.S.S.R.

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

No. 1021. Summary of Value of Raw Materials in Constant Dollars, by Major Groups: 1940 to 1961

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

Item and year	All raw materials [1]	Agricultural materials: Total	Agricultural materials: Crops	Agricultural materials: Livestock	Fishery and wildlife products	Forest products	Minerals: Total [1]	Minerals: Metallic ores [1]	Minerals: Mineral fuels	Minerals: Other minerals
Production:										
1940	31,315	19,459	8,010	11,449	391	2,531	8,934	1,248	6,789	897
1950	38,779	23,383	9,381	14,002	421	2,714	12,261	1,387	9,342	1,532
1955	44,753	26,899	10,965	15,934	438	2,793	14,623	1,578	10,905	2,140
1960	48,184	29,728	12,733	16,995	450	2,692	15,314	1,455	11,325	2,534
1961	47,690	29,193	11,739	17,454	446	2,659	15,392	1,339	11,451	2,602
Imports:										
1940	5,934	4,218	3,651	567	247	175	1,294	945	239	110
1950	8,063	4,871	4,076	795	295	379	2,518	1,382	865	271
1955	8,644	4,726	4,151	575	336	404	3,178	1,607	1,303	268
1960	10,036	5,490	4,698	792	423	429	3,694	1,498	1,902	294
1961	10,253	5,678	4,763	915	479	449	3,647	1,419	1,947	281
Exports:										
1940	2,321	1,238	1,084	154	71	90	922	430	452	40
1950	3,523	2,684	2,274	410	42	83	714	202	438	74
1955	4,208	2,975	2,296	679	62	100	1,071	379	593	99
1960	6,294	4,949	4,360	589	75	125	1,145	610	398	137
1961	6,394	5,052	4,412	640	76	121	1,145	639	367	139
Apparent consumption: [2]										
1940	34,054	21,565	9,736	11,829	567	2,616	9,306	1,763	6,576	967
1950	43,515	25,766	11,218	14,548	674	3,010	14,065	2,567	9,769	1,729
1955	47,994	27,455	11,299	16,156	712	3,097	16,730	2,806	11,615	2,309
1960	50,891	29,233	12,029	17,204	799	2,996	17,863	2,343	12,829	2,691
1961	51,586	29,855	12,305	17,550	850	2,987	17,894	2,119	13,031	2,744

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

Source: Dept. of Commerce, Bureau of the Census; *Raw Materials in the United States Economy: 1900–1961*, Working Paper No. 6.

No. 1022. Average Prices of Selected Mineral Products: 1936 to 1966

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

Yearly average or year	Iron ore [1] (Lake Erie ports)	Copper, electrolytic [2]	Lead (New York)	Tin (New York) [3]	Zinc (St. Louis)	Aluminum, delivered [4]	Sulfur, crude (f.o.b. works)	Bituminous coal [5]	Crude petroleum [6]
	Dol. per long ton	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Cents per lb.*	*Dol. per long ton*	*Dol. per short ton*	*Dol. per barrel*
1936–1940	4.76	10.980	5.138	48.39	5.495	20.12	17.10	1.88	1.09
1941–1945	4.47	11.779	6.355	52.01	8.095	15.37	16.00	2.64	1.19
1946–1950	6.29	19.451	13.897	85.32	11.765	16.09	17.48	4.46	2.20
1951–1955	9.36	28.877	15.330	106.00	13.610	20.96	23.88	4.75	2.66
1956–1960	11.33	32.078	13.388	99.26	11.919	25.00	24.50	4.84	2.93
1961–1965	10.71	31.620	12.247	136.08	12.646	24.04	23.90	4.47	2.88
1960	11.45	32.053	11.948	101.44	12.946	26.00	23.50	4.69	2.88
1964	10.55	31.960	13.596	157.60	13.568	23.74	23.50	4.45	2.88
1965	10.55	35.017	16.000	178.20	14.500	24.51	25.50	4.44	2.86
1966	10.55	36.170	15.115	164.07	14.500	24.50	25.71	4.55	2.88

[1] Lake Superior, Mesabi, non-Bessemer. [2] Domestic market. [3] Straits tin.
[4] Prices 1936–1955, for 99+ percent virgin ingot aluminum; beginning 1956, for 99+ percent unalloyed ingot.
[5] Average value at mine. Includes Alaska.
[6] Average value at well. Beginning 1958, includes Alaska, and 1959, Hawaii.

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

No. 1023. Imports and Exports of Selected Mineral and Metal Products: 1950 to 1966

[**Quantities in thousands of short tons, except as indicated; value in thousands of dollars.** Includes trade o Puerto Rico with foreign countries]

Mineral	Quantity				Value			
	1950	1960	1965	1966	1950	1960	1965	1966
IMPORTS FOR CONSUMPTION								
Fuels: Petroleum, crude ... mil. barrels	174	401	502	496	369,208	895,055	1,119,838	1,115,259
Nonmetallic minerals:								
Asbestos	705	669	684	720	47,284	63,345	65,878	68,931
Diamonds:								
Gem ... 1,000 carats	1,166	2,167	3,160	3,484	102,187	165,555	307,285	373,776
Industrial ... 1,000 carats	11,198	13,146	12,241	16,942	37,001	51,837	53,957	65,080
Mica	19	11	7	7	23,660	8,305	8,807	10,718
Ores and concentrates:								
Bauxite ... 1,000 long tons	2,516	9,586	12,458	12,763	15,730	78,024	142,989	147,335
Chromite	1,304	1,387	1,518	1,997	23,299	24,313	25,239	30,379
Copper ... 1,000 short tons of metal	94	83	11	12	35,899	49,380	6,570	7,119
Iron ore ... 1,000 long tons	8,297	34,584	45,105	28,940	44,027	321,939	443,807	256,887
Lead ... 1,000 short tons of metal	96	138	129	64	21,184	27,911	26,923	13,699
Manganese ore	2,017	2,280	3,892	2,695	41,882	82,357	110,281	77,789
Nickel [1] ... 1,000 short tons of metal	27	30	31	23	18,087	29,937	41,226	34,336
Tin ... 1,000 long tons of metal	26	14	4	172	47,163	31,104	13,228	12,758
Tungsten ... short tons of metal	8,024	1,762	1,802	2,149	15,309	3,478	3,886	6,859
Metals (incl. scrap): [2]								
Aluminum	245	160	555	556	62,517	77,406	226,812	228,259
Copper	366	177	137	195	145,344	113,224	93,715	176,979
Lead [3]	422	221	232	295	110,644	62,417	70,226	79,975
Nickel	64	80	136	130	54,124	116,679	208,353	183,149
Platinum group ... 1,000 troy ounces	391	650	1,220	1,494	21,123	31,900	72,806	88,270
Tin [4] ... 1,000 long tons	86	40	41	42	155,092	87,968	160,389	152,594
Zinc	158	122	159	287	39,448	29,829	43,609	76,730
EXPORTS [5]								
Fuels:								
Anthracite	3,892	1,440	851	766	62,502	28,803	11,488	9,755
Bituminous coal	25,468	36,541	50,270	49,422	206,545	331,616	466,463	460,081
Petroleum, crude ... 1,000 barrels	34,824	3,087	1,004	1,478	102,717	8,032	2,841	4,130
Nonmetallic minerals:								
Cement, hydraulic ... 1,000 barrels	2,418	187	748	1,069	7,275	1,135	4,288	4,836
Phosphate rock	2,052	4,761	862	1,142	14,874	37,585	10,595	15,314
Potash material	117	833	1,099	1,028	5,534	25,926	42,502	37,233
Sulfur [6] ... 1,000 long tons	1,479	1,787	2,635	2,374	33,200	42,294	65,548	82,163
Metals (incl. scrap): [2]								
Aluminum [7] ... short tons	1,461	364,493	242,190	236,905	353	155,104	104,984	106,250
Copper [7]	154	615	424	336	61,281	356,628	312,051	316,820
Iron and steel, scrap [8]	217	8,040	6,170	5,751	6,014	241,572	197,459	171,907
Molybdenum [7] ... short tons	73	148	55	29	115	368	414	251
Nickel [7] ... short tons	[9] 3,176	42,633	6,723	5,876	3,219	10,289	4,168	6,229
Zinc [7]	19	90	19	14	4,708	20,815	7,900	6,543

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

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

No. 1024. Mineral Industries—

[For 1954 and 1958, details for individual industries exclude Alaska and Hawaii; totals, however, include them. "N.e.c." means not elsewhere classified. See also

	MINERAL INDUSTRY	1954			1958			
		Establishments	Payroll [1]	Value added in mining [2]	Establishments	All employees		Value added in mining [2]
						Number [3]	Payroll [1]	
			Mil. dol.	*Mil. dol.*			*Mil. dol.*	*Mil. dol.*
1	**All industries**	37,641	3,395	[7] 11,559	36,384	733,904	3,749	13,384
2	**Metal mining**	3,668	469	[7] 1,084	2,351	91,582	486	1,180
3	Iron ores	225	157	436	243	30,113	169	488
4	Copper ores	210	136	335	157	27,642	144	266
5	Lead and zinc ores	520	71	107	290	11,227	54	74
6	Lead ores	343	39	63	213	6,883	34	48
7	Zinc ores	177	32	45	77	4,344	21	26
8	Gold and silver ores	695	25	42	477	4,415	23	42
9	Lode gold	313	12	22	251	2,586	12	23
10	Placer gold	281	7	10	165	840	5	9
11	Silver ores	101	6	10	61	989	6	10
12	Bauxite	25	4	13	29	705	4	15
13	Ferroalloy ores	1,086	39	107	297	5,438	27	74
14	Manganese ores	367	9	18	186	2,099	9	20
15	Tungsten ores and ferroalloy ores, n.e.c.	719	29	89	111	3,339	18	54
16	Metal mining services	114	15	27	95	2,184	12	23
17	Miscellaneous metal ores	781	21	[7] 15	763	9,790	53	196
18	Titanium ores	10	4	11	11	962	4	13
19	Uranium-radium-vanadium ores	637	15	(NA)	603	7,939	44	175
20	Mercury ores and misc. metal ores	134	2	4	149	889	4	9
21	**Anthracite mining**	1,436	136	197	1,248	22,813	93	164
22	Anthracite	1,291	118	167	1,163	19,712	79	142
23	Anthracite mining services	145	18	30	85	3,101	14	22
24	**Bituminous coal and lignite mining**	6,865	877	1,424	6,940	187,963	915	1,616
25	Bituminous coal	6,653	866	1,397	6,725	185,933	905	1,591
26	Lignite	60	3	9	58	510	3	9
27	Coal mining services, n.e.c.	152	6	13	157	1,520	7	15
28	**Oil and gas extraction**	17,591	1,463	[9] 7,674	18,522	312,916	1,701	9,032
29	Crude petroleum and natural gas	11,513	836	6,129	12,010	180,121	1,043	7,340
30	Crude petroleum	10,106	791	5,741	10,620	164,804	967	6,823
31	Natural gas	1,407	45	388	1,390	15,317	76	517
32	Natural gas liquids	562	85	(NA)	593	16,514	96	588
33	Oil and gas field services	5,515	542	1,119	5,919	116,281	561	1,108
34	Drilling oil and gas wells	2,869	304	624	3,066	59,411	289	587
35	Oil and gas exploration services	330	49	81	348	9,557	44	64
36	Oil and gas field services, n.e.c.	2,316	188	413	2,505	47,278	228	456
37	**Nonmetallic minerals mining**	8,081	450	1,180	7,323	118,630	553	1,392
38	Dimension stone [10]	351	9	15	335	2,306	7	13
39	Crushed and broken stone [11]	[12] 1,919	145	338	1,970	41,730	190	449
40	Sand and gravel [11]	3,939	147	357	3,708	37,159	173	435
41	Clay and related minerals [11]	632	27	78	490	8,773	36	87
42	Chemical and fertilizer minerals	305	99	341	264	21,899	121	337
43	Barite	44	4	14	53	929	3	11
44	Fluorspar	104	5	10	55	1,235	6	13
45	Potash, soda, and borate minerals	20	33	82	21	6,661	41	111
46	Phosphate rock	75	22	62	65	5,393	27	64
47	Rock salt	15	9	30	22	1,984	11	34
48	Sulfur	20	21	124	24	3,677	25	94
49	Chemical and fertilizer mining, n.e.c.	27	6	18	24	2,020	8	10
50	Nonmetallic minerals, services	62	2	5	75	1,109	4	6
51	Miscellaneous nonmetallic minerals [11]	872	20	48	481	5,654	24	63

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

[1] Gross earnings paid to all employees on payroll.

[2] Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures.

[3] Excludes proprietors and firm members of unincorporated concerns.

[4] Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers.

[5] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).

[6] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis.

SUMMARY: 1954, 1958, AND 1963

Excludes establishments for which both value of shipments and expenditures amounted to less than $500. *Historical Statistics, Colonial Times to 1957*, series M 1–12]

1963									
Establishments	All employees		Production workers [4]			Value added in mining [2]	Value of shipments and receipts [6]	Capital expenditures	
	Number [3]	Payroll [1]	Number	Man-hours [5]	Wages				
[8] 38,651	615,572	*Mil. dol.* 3,742	481,466	*1,000* 972,983	*Mil. dol.* 2,680	*Mil. dol.* 15,910	*Mil. dol.* 21,621	*Mil. dol.* 3,264	1
1,614	**77,210**	**515**	**62,182**	**125,663**	**384**	**1,418**	**2,128**	**231**	2
208	23,083	162	18,102	34,524	113	549	762	97	3
160	26,486	187	21,372	45,319	142	417	670	87	4
205	9,422	49	7,822	14,781	38	84	136	12	5
125	4,320	22	3,401	5,948	15	34	51	6	6
80	5,102	27	4,421	8,833	23	50	85	6	7
466	4,216	25	3,585	7,605	20	49	60	7	8
201	2,397	14	2,091	4,544	11	21	27	3	9
158	361	2	325	731	2	6	8	1	10
107	1,458	9	1,169	2,330	7	22	26	3	11
17	552	3	414	751	2	17	21	(Z)	12
58	3,102	20	2,627	4,867	15	66	91	6	13
17	224	1	180	351	1	2	7	(Z)	14
41	2,878	19	2,447	4,516	14	64	83	5	15
83	2,206	14	1,891	4,018	11	25	32	3	16
417	8,730	61	6,369	13,798	42	210	355	19	17
8	997	6	846	1,721	5	15	22	2	18
335	6,665	45	5,114	11,251	34	191	326	16	19
74	481	3	409	826	2	4	7	1	20
1,069	**11,786**	**59**	**10,324**	**19,544**	**50**	**121**	**237**	**15**	21
1,026	10,692	53	9,331	17,758	45	111	221	13	22
43	1,094	6	993	1,786	5	10	16	2	23
6,305	**133,862**	**762**	**118,629**	**217,642**	**651**	**1,607**	**2,396**	**218**	24
6,115	132,046	752	116,975	214,421	642	1,578	2,358	211	25
59	512	3	441	884	2	12	14	5	26
131	1,304	7	1,213	2,337	6	17	24	3	27
[8] 21,242	271,476	1,744	191,976	397,348	1,093	11,020	14,512	2,552	28
[8] 14,378	145,244	1,016	83,444	166,305	495	9,016	9,894	2,210	29
[8] 12,326	125,842	892	71,707	142,847	427	7,813	8,600	1,907	30
[8] 2,052	19,402	124	11,737	23,458	68	1,203	1,294	303	31
652	13,859	97	11,939	24,455	81	762	2,801	114	32
6,212	112,373	632	96,593	206,588	517	1,241	1,818	228	33
2,836	55,416	318	50,333	106,266	281	653	979	148	34
373	8,683	48	7,232	16,246	37	90	120	12	35
3,003	48,274	266	39,028	84,076	199	498	719	68	36
8,421	**121,238**	**661**	**98,355**	**212,786**	**502**	**1,745**	**2,347**	**248**	37
319	2,156	8	1,970	3,820	7	15	20	1	38
2,256	43,236	229	36,186	80,834	178	582	795	83	39
4,616	40,142	212	33,042	70,620	170	514	678	76	40
423	8,316	42	7,147	15,061	34	114	162	15	41
235	21,040	137	14,595	31,213	86	433	577	60	42
54	1,434	7	911	1,887	4	11	17	1	43
30	804	4	682	1,346	3	9	16	(Z)	44
23	7,050	52	4,822	9,849	33	156	192	27	45
66	5,624	32	3,996	9,047	21	95	162	22	46
25	2,443	16	1,812	4,260	11	50	59	7	47
17	2,603	21	1,600	3,264	11	100	113	1	48
20	1,082	6	772	1,560	4	12	18	1	49
119	871	5	806	1,575	4	9	13	1	50
453	5,477	28	4,609	9,663	23	78	102	12	51

[7] Excludes figures for uranium-radium-vanadium ores industry (not available).
[8] Not strictly comparable with data for earlier years because of change in reporting procedures for crude petroleum and natural gas companies.
[9] Data were collected on the quantity but not on the cost of gas received for processing and on the value of residue gas shipped. Such costs have been estimated and included in group totals.
[10] Excludes data for dimension stone quarries operated in conjunction with dressing plants.
[11] Excludes data for mining included in establishments classified in manufacturing industries.
[12] Excludes 1 crushed stone quarry in Hawaii operated as part of an establishment primarily producing ready-mixed concrete.

Source: Dept. of Commerce, Bureau of the Census; *Census of Mineral Industries: 1958* and *Census of Mineral Industries: 1963*.

No. 1025. Strategic and Critical Materials Inventory: 1960, 1965, and 1966

[**In millions of dollars.** As of December 31. Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amount that would be realized at time of sale]

INVENTORY	1960		1965		1966	
	Acquisition cost	Market value	Acquisition cost	Market value	Acquisition cost	Market value
Total	8,969	7,962	8,071	7,843	7,240	6,835
On order	428	413	38	39	40	42
On hand	8,540	7,549	8,033	7,804	7,200	6,793
Within stockpile objectives	4,366	4,345	3,328	3,667	3,203	3,341
Excess to stockpile objectives	4,174	3,204	4,705	4,138	3,997	3,452
National stockpile	6,130	5,706	5,285	5,642	4,674	4,792
Supplemental stockpile	840	799	1,403	1,317	1,425	1,323
Defense Production Act	1,457	935	1,341	841	1,096	673
Commodity Credit Corporation	104	100	4	4	5	5
Federal Facilities Corporation	10	9	(X)	(X)	(X)	(X)

X Not applicable.

Source: General Services Administration; unpublished data.

No. 1026. Employment in Mineral Industries: 1940 to 1965

[**Man-days and man-hours in thousands.** Excludes Alaska and Hawaii, except as noted. Excludes data on iron smelting and steel industries]

ITEM	1940	1950	1960	1962	1963	1964	1965 [1]
Men working daily [2]	(NA)	(NA)	1,045,111	950,876	926,700	892,040	908,875
Coal mines [3]	533,267	483,239	189,679	161,286	157,126	150,761	148,132
Coke	19,962	24,347	16,463	13,080	13,043	13,447	14,521
Petroleum and natural gas	(NA)	517,787	511,107	469,256	461,021	427,697	436,935
Metal mines [3]	110,340	68,292	60,595	52,287	47,844	49,765	50,300
Nonmetal mines [4]	9,780	11,977	18,653	16,917	15,570	17,087	17,200
Sand and gravel operations	(NA)	(NA)	52,352	53,599	52,804	55,886	54,700
Stone quarries [5]	79,509	85,730	95,304	92,241	91,960	88,137	90,200
Slag (iron-blast furnace)	(NA)	(NA)	1,680	1,462	1,421	1,472	1,537
Metallurgical plants	49,068	46,277	58,689	54,807	51,088	54,671	61,500
Nonmetal mills	(NA)	(NA)	39,568	34,900	33,732	31,967	32,800
Other	(NA)	(NA)	1,021	1,041	1,091	1,150	1,050
Man-days worked	(NA)	(NA)	(NA)	115,584	114,575	116,401	120,348
Coal mines [3]	106,239	91,231	35,778	31,716	32,200	32,012	31,424
Coke	6,774	8,292	5,768	4,691	4,596	4,807	5,113
Metal mines [3]	26,631	18,522	14,910	12,924	12,096	12,996	13,564
Nonmetal mines [4]	2,416	3,512	4,515	3,979	3,990	4,420	4,591
Sand and gravel operations	(NA)	(NA)	(NA)	11,690	11,400	12,129	11,979
Stone quarries [5]	19,121	23,346	(NA)	23,393	23,553	22,944	23,526
Slag (iron-blast furnace)	(NA)	(NA)	(NA)	362	358	389	425
Metallurgical plants	14,484	14,539	18,149	17,501	16,712	17,564	20,065
Nonmetal mills	(NA)	(NA)	10,679	9,112	9,452	8,914	9,459
Other	(NA)	(NA)	214	216	218	227	202
Man-hours worked	(NA)	(NA)	2,082,521	1,917,475	1,898,476	1,848,564	1,899,087
Coal mines [3]	840,416	711,390	281,528	248,946	253,185	252,405	248,085
Coke	53,624	65,861	46,066	37,502	36,759	38,418	40,869
Petroleum and natural gas	(NA)	1,081,519	1,063,332	984,172	974,877	910,525	931,645
Metal mines [3]	211,740	147,765	119,653	103,867	97,111	104,204	108,555
Nonmetal mines [4]	18,988	28,456	36,805	32,484	32,539	35,977	37,460
Sand and gravel operations	(NA)	(NA)	95,749	97,589	95,786	100,891	99,745
Stone quarries [5]	147,244	189,535	202,366	193,453	193,685	188,569	193,465
Slag (iron-blast furnace)	(NA)	(NA)	3,613	2,927	2,867	3,107	3,415
Metallurgical plants	113,116	116,430	145,210	140,138	133,893	141,124	158,510
Nonmetal mills	(NA)	(NA)	86,386	74,621	75,944	71,461	75,680
Other	(NA)	(NA)	1,814	1,777	1,830	1,883	1,658

NA Not available.

[1] Preliminary except for anthracite coal, coke, petroleum and natural gas, peat, native asphalt, and slag.

[2] Average number of men at work each day mines were active. Because absenteeism and labor turnover are taken into consideration, this number is lower than number of men available for work as measured by a count of names on payroll. [3] Includes Alaska.

[4] Beginning 1960, includes clay mines. Includes Alaska; beginning 1960, includes Hawaii.

[5] Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1027. Injuries in Mineral Industries, by Industry Group: 1950 to 1965

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

Item	Number of injuries				Injury rates per million man-hours			
	1950	1960	1964	1965 [1]	1950	1960	1964	1965 [1]
Fatal injuries	**952**	**603**	**542**	**537**	**0.41**	**0.29**	**0.29**	**0.28**
Coal mines [2]	643	325	242	258	0.90	1.15	0.96	1.04
Coke	14	3	1	7	0.21	0.07	0.03	0.17
Petroleum and natural gas [3]	109	82	109	78	0.10	0.08	0.12	0.08
Asphalt and related bitumens [4]	(NA)	1	2	1	(NA)	1.06	2.62	1.14
Metal mines [2]	84	84	55	58	0.57	0.70	0.53	0.53
Nonmetal mines [5]	19	19	18	21	0.67	0.52	0.50	0.56
Sand and gravel	(NA)	25	34	40	(NA)	0.26	0.34	0.40
Stone quarries [6]	54	39	61	49	0.28	0.19	0.32	0.25
Slag (iron-blast furnace)	(NA)	–	1	1	(NA)	–	0.32	0.29
Metallurgical plants	29	12	13	14	0.25	0.08	0.09	0.09
Nonmetal mills	(NA)	13	6	10	(NA)	0.15	0.08	0.13
Nonfatal injuries	**66,729**	**36,044**	**32,407**	**32,982**	**28.51**	**17.31**	**17.53**	**17.37**
Coal mines [2]	37,264	11,902	11,070	11,102	52.38	42.28	43.86	44.75
Coke	780	223	204	228	11.84	4.84	5.31	5.58
Petroleum and natural gas [3]	13,500	9,110	8,551	8,963	12.48	8.57	9.39	9.62
Asphalt and related bitumens [4]	(NA)	38	30	26	(NA)	40.10	39.34	29.76
Metal mines [2]	6,611	3,794	3,266	3,320	44.74	31.71	31.34	30.58
Peat mines	(NA)	24	24	13	(NA)	27.72	21.39	16.57
Nonmetal mines [5]	1,238	1,056	906	1,030	43.51	28.69	25.18	27.50
Sand and gravel	(NA)	1,919	1,957	1,870	(NA)	20.04	19.40	18.75
Stone quarries [6]	4,762	4,668	3,371	3,465	25.12	23.07	17.88	17.91
Slag (iron-blast furnace)	(NA)	34	53	50	(NA)	9.41	17.06	14.64
Metallurgical plants	2,574	1,482	1,395	1,470	22.11	10.21	9.88	9.27
Nonmetal mills	(NA)	1,794	1,580	1,445	(NA)	20.77	22.11	19.09

– Represents zero. NA Not available.
[1] Preliminary except for anthracite coal, coke, petroleum and natural gas, peat, native asphalt, and slag.
[2] Includes Alaska.
[3] Beginning 1960, number of fatalities and permanent total injuries at petroleum and natural gas operations are combined. Fatal-frequency rates for 1960 include an unknown number of permanent total injuries which cannot be separated from fatal injuries. [4] Native.
[5] Beginning 1960, includes clay mines. Includes Alaska; beginning 1960, includes Hawaii.
[6] Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1028. Coke—Summary, and Production of Oven Coke, by States: 1940 to 1966

[**In thousands of short tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for exports and imports. See *Historical Statistics, Colonial Times to 1957*, series M 117, for production]

Item and state	1940	1950	1950	1963	1964	1965	1966 (prel.)
Production	57,072	72,718	57,229	54,278	62,145	66,854	67,146
Oven coke [1]	54,014	66,891	56,219	53,308	60,908	65,198	65,699
Percent of total	94.6	92.0	98.2	98.2	98.0	97.5	97.8
Beehive coke	3,058	5,827	1,010	971	1,236	1,656	1,447
Value of products at plant ... mil. dol.	442	1,279	1,382	1,231	1,420	1,465	1,490
Coke and breeze ... mil. dol.	282	996	1,075	977	1,129	1,154	1,175
All coal-chemical materials ... mil. dol.	160	283	307	254	291	311	315
Average market value per ton [2] ... dollars	4.80	13.43	18.31	17.54	17.74	17.25	17.50
Coal charged ... mil. short tons	81.4	94.9	81.4	78.1	89.2	95.3	94.1
Average value per ton ... dollars	3.58	8.41	9.82	9.40	9.19	9.40	9.50
Yield of coke from coal ... percent	70.1	69.9	70.3	69.5	69.3	70.2	70.0
Ovens in existence, end of year ... number	27,884	32,690	22,903	19,493	19,710	17,790	17,790
Slot ovens under construction, end of year ... number	492	706	372	50	–	130	318
Exports	804	398	353	451	524	834	1,066
Imports	113	438	126	153	103	90	96
Production of oven coke, by State: [1]							
Alabama	4,727	5,833	4,897	4,282	4,689	5,491	5,409
Indiana	6,413	8,256	8,024	7,541	8,170	8,315	8,416
Maryland	1,683	2,367	(3)	(3)	3,411	(3)	(3)
Michigan	2,872	2,731	3,279	3,460	3,908	3,979	3,751
New York	5,080	5,412	(3)	(3)	3,658	(3)	(3)
Ohio	7,898	10,314	8,423	6,340	7,244	7,669	8,508
Pennsylvania	14,862	16,333	14,146	15,245	17,594	18,912	18,671
West Virginia	1,900	3,389	2,758	3,008	3,390	3,521	3,562
Other States	8,579	12,256	14,692	13,431	8,845	17,311	17,381

– Represents zero. [1] Excludes screenings or breeze.
[2] For 1940 and 1950, data based on value at plant and not comparable with following years.
[3] Included in "Other States."

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1029. Coal—Summary: 1940 to 1965

[**Quantities in thousands of short tons; values in millions of dollars, except as indicated.** Includes coal consumed at mines. See also *Historical Statistics, Colonial Times to 1957*, series M 88–116 and M 118–132]

ITEM	1940	1950	1960	1962	1963	1964	1965
Total coal production:							
Quantity	512,257	560,388	434,329	439,043	477,195	504,182	526,954
Value	1,085	2,893	2,098	2,026	2,167	2,315	2,398
BITUMINOUS COAL [1]							
Production:							
Quantity	460,772	516,311	415,512	422,149	458,928	486,998	512,088
Value, total	879	2,500	1,950	1,892	2,013	2,166	2,276
Average per ton ... dollars	1.91	4.84	4.69	4.48	4.39	4.45	4.44
Exports:							
Quantity	16,466	25,468	36,541	38,413	47,078	47,969	50,181
Value	61	207	332	351	430	441	465
Imports:							
Quantity	372	347	260	232	267	[2] 293	[2] 184
Value	2	2	2	2	2	[2] 2	[2] 2
Consumption	[3] 430,910	[3] 454,202	[3] 380,429	387,774	409,225	431,116	[3] 459,164
Electric power utilities [4]	49,126	88,262	173,882	190,833	209,038	223,032	242,729
Bunker, foreign and lake vessels [5]	2,989	2,042	945	687	670	711	655
Manufacturing and mining industries	208,978	218,507	173,096	168,066	175,969	187,758	196,732
Retail-dealer deliveries [6]	84,687	84,422	30,405	28,188	23,548	19,615	19,048
Number of mines	6,324	9,429	7,865	7,740	7,940	7,630	7,228
Average number of men employed [7]	439,075	415,582	169,400	143,822	141,646	128,698	133,732
Average number of days worked	202	183	191	199	205	225	219
Average tons per man:							
Per day	5.19	6.77	12.83	14.72	15.83	16.84	17.52
Per year	1,049	1,239	2,453	2,935	3,240	3,784	3,829
ANTHRACITE (PA.) [8]							
Production:							
Quantity	51,485	44,077	18,817	16,894	18,267	17,184	14,866
Value, total	205	392	147	134	154	149	122
Average per ton ... dollars	3.99	8.90	7.82	7.94	8.40	8.65	8.21
World production, bituminous coal, lignite, and anthracite mil. short tons	1,983	1,997	2,899	2,810	2,928	3,039	[9] 3,089

[1] Relates to mines having an output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. [2] Includes anthracite.
[3] Includes coal consumed by railroads (85,130,000 short tons in 1940, 60,969,000 in 1950, and 2,101,000 in 1960) excluded in distribution. For 1965, excludes anthracite; includes slack, culm, and lignite.
[4] Source: Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke. [5] Source: Bureau of the Census.
[6] Estimates based on reports collected from a selected list of representative steel and rolling mills, manufacturing plants and retailers. [7] Beginning 1950, average number of men working daily.
[8] Beginning 1950, production includes some bootleg coal purchased by anthracite industry for preparation and shipment to market. [9] Preliminary.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*. Includes data from sources cited in footnotes.

No. 1030. Coal—Production, by States: 1941 to 1965

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

STATE	1941–1945, avg.	1946–1950, avg.	1951–1955, avg.	1956–1960, avg.	1960	1963	1964	1965
Total	**636,037**	**595,972**	**496,725**	**469,288**	**434,329**	**477,195**	**504,182**	**526,954**
Anthracite (Pa.)	59,195	52,323	33,898	22,975	18,817	18,267	17,184	14,866
Bituminous and lignite	576,842	543,649	462,827	446,313	415,512	458,928	486,998	512,088
Alabama	17,783	16,278	12,176	12,413	13,011	12,359	14,435	14,832
Colorado	7,830	5,360	3,554	3,394	3,607	3,690	4,355	4,790
Illinois	68,442	60,034	46,781	46,090	45,977	51,736	55,023	58,483
Indiana	25,216	21,500	16,232	15,659	15,538	15,100	15,075	15,565
Kentucky	64,020	74,791	66,426	69,038	66,847	77,350	82,747	85,766
Missouri	3,947	3,720	2,873	2,898	2,890	3,174	3,254	3,564
Ohio	32,190	35,458	35,847	35,379	33,957	36,790	37,310	39,390
Pennsylvania	138,876	120,441	89,680	74,839	65,425	71,501	76,531	80,308
Tennessee	7,184	5,520	5,923	7,086	5,931	6,121	5,990	5,865
Utah	6,012	6,613	6,025	5,642	4,955	4,360	4,720	4,992
Virginia	19,121	17,190	20,399	28,400	27,838	30,531	31,654	34,053
West Virginia	154,335	151,153	138,858	134,167	118,944	132,568	141,409	149,191
Wyoming	8,664	6,889	4,704	2,060	2,024	3,124	3,101	3,260
Other States	23,222	18,702	13,349	9,247	8,568	10,524	11,394	12,029

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

No. 1031. Producing Oil Wells, 1964 and 1965, and Oil and Gas Wells Drilled, 1965 and 1966, by States

STATE	Producing oil wells: Approximate number, Dec. 31		Producing oil wells: Average production, bbl. per well per day		Wells drilled [1]: Oil		Wells drilled [1]: Gas [2]		Wells drilled [1]: Dry	
	1964	1965	1964	1965	1965	1966	1965	1966	1965	1966
Total	**588,225**	**589,203**	**12.9**	**13.3**	**18,761**	**16,780**	**4,724**	**4,377**	**16,016**	**15,227**
Ala	519	518	45.5	42.6	13	6	–	–	23	21
Alaska	56	57	549.4	539.6	11	15	13	5	4	30
Ark	6,018	6,014	12.1	11.8	100	177	44	56	190	272
Calif	40,916	41,031	20.2	21.2	1,622	1,832	62	63	484	413
Colo	1,981	1,938	47.3	46.9	113	122	53	53	410	363
Ill	29,500	29,017	6.4	6.0	602	730	8	3	608	658
Ind	5,381	5,275	5.4	5.9	140	140	10	12	312	382
Kans	46,715	47,354	6.2	6.1	1,466	1,079	206	130	1,422	1,427
Ky	15,226	15,600	3.6	3.4	379	674	177	168	559	1,273
La	29,452	30,179	52.6	54.7	2,413	1,652	542	500	2,144	1,791
Mich	4,151	4,036	10.2	9.9	44	64	36	44	288	294
Miss	2,580	2,513	59.0	60.4	201	250	15	41	523	544
Mont	3,329	3,799	24.0	25.2	194	214	10	11	293	327
Nebr	1,711	1,611	30.4	28.4	93	62	1	1	327	226
N. Mex	17,570	18,000	18.1	18.4	495	566	303	342	314	329
N.Y	12,526	12,304	0.4	0.4	375	6	18	19	39	41
N. Dak	1,881	1,983	38.0	37.4	91	78	–	–	148	107
Ohio	13,752	13,947	3.1	2.6	715	674	263	236	911	402
Okla	80,511	80,947	6.8	6.9	2,183	1,843	549	561	1,277	1,329
Pa	53,065	52,731	0.3	0.3	572	279	286	306	128	104
Texas	199,119	197,924	13.6	13.8	6,183	5,521	1,343	1,170	4,814	4,057
Utah	840	841	93.2	82.5	71	69	27	7	71	66
W. Va	13,205	13,225	0.7	0.7	257	370	695	594	115	130
Wyo	8,019	8,093	49.1	47.0	398	347	58	51	492	517
Other States	202	266	17.3	24.3	30	10	5	4	120	124

– Represents zero.
[1] Figures from *The Oil and Gas Journal*. [2] Includes condensate wells.

No. 1032. Petroleum, Crude—Production, 1946 to 1966, and Reserves, 1955, 1960, and 1966, by States

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

STATE	Production: 1946–1950, avg.	Production: 1951–1955, avg.	Production: 1956–1960, avg.	Production: 1961–1965, avg.	Production: 1960	Production: 1966 (prel.)	Proved reserves [1]: 1955	Proved reserves [1]: 1960	Proved reserves [1]: 1966
Total	**1,885**	**2,339**	**2,567**	**2,737**	**2,575**	**3,039**	**30,012**	**31,613**	**31,452**
Alaska	–	–	–	10	1	14	–	(2)	322
Arkansas	30	29	29	27	30	24	330	302	181
California	330	358	324	303	305	344	3,801	3,659	4,608
Colorado	18	39	51	39	47	34	334	364	344
Illinois	67	66	79	73	77	62	691	556	362
Indiana	8	12	12	12	12	11	61	66	48
Kansas	105	117	120	109	113	104	998	884	727
Kentucky	10	13	20	19	21	18	107	129	101
Louisiana	177	250	341	512	401	674	3,255	4,785	5,408
Michigan	17	13	11	17	16	14	59	78	71
Mississippi	36	36	44	56	52	55	388	407	374
Montana	9	12	27	31	30	35	299	267	282
Nebraska	–	6	21	22	24	14	58	86	57
New Mexico	44	68	99	113	107	124	820	1,084	1,025
North Dakota	–	5	16	25	22	27	186	431	321
Ohio	3	4	6	9	5	11	56	75	101
Oklahoma	149	194	204	201	193	225	2,016	1,791	1,518
Texas	812	1,016	1,004	970	927	1,073	14,934	14,758	14,077
Utah	(2)	2	22	30	38	24	37	208	213
Wyoming	50	83	118	140	134	131	1,374	1,427	1,073
Other States [3]	22	19	17	16	18	21	208	256	239

– Represents zero.
[1] End of year estimate. From Reports of Committee on Petroleum Reserves, American Petroleum Institute. Figures for California, Louisiana, and Texas include offshore reserves.
[2] Included in "Other States."
[3] Prior to 1960, excludes Hawaiil

Source of tables 1031 and 1032: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1033. Crude Petroleum, Refined Products, and Natural-Gas Liquids—Production and Stocks: 1940 to 1965

[In millions of barrels of 42 gallons, except as indicated. Prior to 1960 and as noted excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 133–136 and M 168–177]

ITEM	1940	1950	1955	1960	1963	1964	1965
Crude petroleum:							
Domestic production	1,353	1,974	2,484	2,575	2,753	2,787	2,849
Value at wells ... mil. dol.	1,385	4,963	6,870	7,420	7,966	8,017	8,158
World production	2,144	3,803	5,626	7,689	9,537	10,309	11,063
U.S. proportion of world total ... percent	63	52	44	33	29	27	26
Imports [1]	43	178	285	372	413	439	452
Exports [1]	51	35	12	3	2	1	1
Stocks, end of period, gasoline-bearing crude	[2] 277	248	266	240	237	230	220
Runs to stills	1,294	2,095	2,730	2,953	3,171	3,223	3,301
Average price per barrel at wells ... dol.	1.02	2.51	2.77	2.88	2.89	2.88	2.86
Refined products:							
Imports [1]	41	133	170	293	362	388	449
Exports [1]	79	76	123	71	74	73	67
Stocks, end of period [3]	281	327	436	516	564	573	580
Output of motor fuel	617	1,024	1,374	1,522	1,625	1,661	1,704
Yield of gasoline ... percent	43.1	43.0	44.0	45.1	44.1	44.1	4.40
Completed refineries, end of year	556	357	318	311	304	300	286
Daily crude-oil capacity	4.7	7.0	8.6	10.0	10.4	10.8	10.5
Average dealer's net price (excl. tax) of gasoline in 50 U.S. cities [4] ... cents per gal.	9.08	15.10	16.18	16.08	15.22	14.82	15.38
Natural-gas liquids:							
Production	56	182	281	340	401	422	442
Stocks, end of period	6	7	14	29	34	36	36

[1] Excludes trade between Alaska (prior to 1960), Hawaii, Puerto Rico, and foreign countries. Exports include shipments from conterminous U.S. to Alaska, Hawaii, and outlying areas. [2] Includes California heavy crude.
[3] Beginning 1955, new basis; not comparable with earlier years.
[4] Beginning 1955, figures from Platt's Oilgram Price Service; prior years from American Petroleum Institute.

No. 1034. Petroleum—Runs to Stills and Refinery Products, by Class: 1950 to 1966

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

PRODUCT	1950	1955	1960	1962	1964	1965	1966 (prel.)
Input	2,190	2,857	3,119	3,252	3,436	3,527	3,682
Crude petroleum	2,095	2,730	[1] 2,953	3,070	3,223	3,301	3,447
Domestic	1,919	2,447	[1] 2,582	2,660	2,786	2,848	3,001
Foreign	176	283	371	410	437	453	446
Natural-gas liquids	95	126	167	183	213	226	235
Output	2,190	2,857	3,119	3,252	3,436	3,527	3,682
Gasoline (includes crude)	998	1,332	1,510	1,571	1,675	1,694	1,784
Kerosene	119	117	136	156	168	93	101
Distillate fuel oil	399	603	667	720	742	765	785
Residual fuel oil	425	420	332	296	267	269	264
Jet fuel	–	57	88	102	108	191	215
Lubricants	52	56	59	61	64	63	65
Wax (1 bbl.=280 lb.)	4	5	6	5	5	5	6
Coke (5 bbl.=1 sh. ton)	17	28	60	79	84	86	88
Asphalt (5.5 bbl.=1 sh. ton)	58	83	99	110	115	124	130
Still gas (1 bbl.=3,600 cu. ft.)	84	117	129	131	131	135	135
Liquefied gases	29	44	78	77	59	107	106
Petrochemical feedstocks	(NA)	(NA)	(NA)	(NA)	105	57	74
Other finished products	12	19	30	37	19	50	53
Other unfinished oils (net) [2] [3]	*7*	*11*	*22*	*28*	*27*	*32*	*35*
Shortage [2]	*1*	*12*	*53*	*64*	*79*	*80*	*89*

– Represents zero. NA Not available. [1] Includes part-year operations of 1 refinery in Hawaii.
[2] Negative quantities. [3] Represents net excess of unfinished oils rerun over unfinished oils produced.

No. 1035. Natural-Gas Liquids—Production and Value: 1940 to 1965

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

ITEM	1940	1950	1955	1960	1964	1965
Total produced ... mil. gal.	(NA)	7,642	11,818	14,287	17,744	18,545
Natural gasoline and mixtures [1] ... mil. gal.	2,174	3,229	4,457	4,479	5,287	5,457
Liquefied petroleum gases ... mil. gal.	(NA)	3,036	5,973	8,444	10,744	11,257
Cycle products ... mil. gal.	166	1,378	1,388	1,363	1,713	1,831
Value at plants:						
Natural gasoline [1] ... $1,000	[2] 68,261	213,810	313,075	313,058	341,714	360,603
Liquefied petroleum gases ... $1,000	(NA)	97,773	195,231	391,566	362,792	417,249
Cycle products ... $1,000	(2)	108,022	110,700	103,761	121,886	133,751
Average value, all light prod. ... cts. per gal.	[3] 2.9	5.5	5.2	5.7	4.7	4.9
Natural gas processed ... bil. cu. ft.	2,471	5,342	8,186	9,768	13,176	13,772
Average yield, all light products ... gal. per 1,000 cu. ft.	(NA)	1.43	1.44	1.46	1.35	1.35

NA Not available. [1] Beginning 1955, includes isopentane; included in LP-gases for prior years.
[2] Cycle products included with natural gasoline. [3] Excludes LP-gases.

Source of tables 1033–1035: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1036. Natural Gas—Production, Consumption, Value and Reserves: 1940 to 1965

[Excludes Hawaii and, prior to 1960, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 138-147]

ITEM	1940	1950	1955	1960	1964	1965
Total marketed production [1] ..... bil. cu. ft.	2,660	6,282	9,405	12,771	15,462	16,040
Value (at wells) of gas produced ..... mil. dol.	120	409	978	1,790	2,388	2,495
Average per 1,000 cu. ft. ..... cents	4.5	6.5	10.4	14.0	15.4	15.6
Number of producing gas wells, Dec. 31	53,880	64,900	71,475	90,761	103,084	111,680
Total consumption ..... bil. cu. ft.	2,655	6,026	9,070	12,509	15,452	16,033
Residential ..... bil. cu. ft.	444	1,198	2,124	3,103	3,767	3,903
Commercial ..... bil. cu. ft.	135	388	629	1,020	1,367	1,443
Industrial ..... bil. cu. ft.	2,076	4,440	6,317	8,386	10,318	10,687
Value (at point of consumption) of gas consumed ..... mil. dol.	577	1,604	3,626	6,270	8,020	8,368
Residential ..... mil. dol.	316	826	1,885	3,209	3,990	4,091
Commercial ..... mil. dol.	64	184	395	791	1,059	1,116
Industrial ..... mil. dol.	197	593	1,346	2,270	2,971	3,161
Average per 1,000 cu. ft. ..... cents	21.7	26.6	40.0	50.1	51.9	52.2
Residential ..... cents	71.1	69.0	88.7	103.4	105.9	104.8
Commercial ..... cents	47.8	47.6	62.7	77.5	77.5	77.3
Industrial ..... cents	9.5	13.4	19.6	27.1	28.8	29.6
Number of consumers:						
Residential 1,000	9,245	16,906	26,084	31,148	34,575	35,302
Commercial 1,000	741	1,347	2,140	2,584	2,884	2,991
Proved reserves [2], Dec. 31 ..... bil. cu. ft.	(NA)	184,585	223,697	263,759	281,251	286,469

NA Not available.
[1] Beginning 1950, comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines. [2] Estimated. Source: American Gas Association.

No. 1037. Natural Gas—Production, 1940 to 1965, and Reserves, 1955, 1960, and 1965, by States

[In billions of cubic feet]

STATE	MARKETED PRODUCTION [1]					RESERVES [2]		
	1940	1950	1955	1960	1965	1955	1960	1965
Total	**2,660**	**6,282**	**9,405**	**12,771**	**16,040**	**223,697**	**263,759**	**286,469**
Arkansas	14	48	32	55	83	1,164	1,460	2,269
California	352	558	538	518	660	8,893	8,844	8,832
Colorado	3	11	49	107	126	2,254	2,043	1,718
Illinois	8	13	8	12	7	234	173	210
Kansas	90	364	471	634	793	16,293	19,620	16,596
Kentucky	53	73	73	75	79	1,262	1,144	1,092
Louisiana	343	832	1,680	2,988	4,467	42,436	63,386	82,811
Michigan	13	11	8	21	35	326	586	746
Mississippi	6	114	163	172	167	2,608	2,542	1,973
Montana	26	39	28	33	28	720	626	596
Nebraska	(3)	(Z)	13	15	11	203	118	80
New Mexico	64	213	541	799	937	18,585	15,604	15,375
North Dakota	(3)	1	5	19	36	281	1,151	1,121
Ohio	41	43	34	36	36	810	766	755
Oklahoma	258	482	615	824	1,321	13,205	17,311	20,357
Pennsylvania	91	91	99	114	84	754	1,192	1,257
Texas	1,064	3,126	4,731	5,893	6,637	108,288	119,489	120,617
Utah	(3)	4	17	51	72	421	1,526	1,439
West Virginia	189	190	212	209	207	1,565	1,831	2,494
Wyoming	27	62	78	182	236	3,196	3,935	3,703
Other States [4]	19	5	9	12	18	201	411	2,428

Z Less than 500 million cubic feet.
[1] For 1940, amount used by ultimate consumer only; thereafter comprises gas sold or consumed by producers, including losses in transmission, amounts added to storage, and increases in gas in pipelines. Beginning 1965, data on pressure base of 14.73 pounds per square inch absolute; prior years; 14.65.
[2] Estimated recoverable proved reserves. Offshore reserves included for California, Louisiana, and Texas. Excludes gas loss due to natural-gas liquids recovery. Source: American Gas Association.
[3] Included with "Other States." [4] Prior to 1960, excludes Alaska.

Source of tables 1036 and 1037: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, except as noted.

No. 1038. Fuel Oils and Natural Gas—Consumption, by Major Consumer Groups: 1950 to 1965

[**Fuel oils in thousands of barrels of 42 gallons; natural gas in billions of cubic feet.** Prior to 1960, excludes Alaska and Hawaii]

TYPE OF FUEL	Total	Railroads	Vessels	Gas and electric power plants	Smelters, mines, and manufactures	Space heating and cooking	Military	Oil and gas company fuel	Miscellaneous
Distillate fuel oil:									
1950	395,306	48,703	12,872	13,207	37,121	235,740	6,553	5,692	35,418
1955	581,127	84,668	16,675	5,884	43,606	356,589	10,945	8,597	54,163
1960	683,325	86,490	18,730	4,742	34,271	438,010	10,793	8,347	81,942
1964	747,551	88,198	16,001	3,849	36,007	451,860	13,609	10,576	127,451
1965	786,891	86,436	15,532	3,661	42,484	475,992	14,953	10,430	137,403
Residual fuel oil:									
1950	554,208	60,878	92,947	93,062	148,111	72,716	28,333	53,263	4,898
1955	556,983	15,018	115,128	75,966	173,030	86,282	28,368	53,387	9,804
1960	550,536	5,610	94,084	85,408	157,270	125,088	31,724	45,061	6,291
1964	556,632	5,350	83,024	97,595	157,176	126,215	35,568	43,098	8,606
1965	574,118	4,001	73,639	114,884	140,602	156,254	40,380	34,354	10,004
Natural gas:									
1950	6,026	(X)	(X)	[1] 629	[2] 2,672	1,586	-	1,768	-
1955	9,070	(X)	(X)	[1] 1,153	[2] 3,939	2,753	-	2,378	-
1960	12,509	(X)	(X)	[1] 1,724	[2] 5,484	4,123	-	2,902	-
1964	15,452	(X)	(X)	2,322	4,660	5,134	-	3,336	-
1965	16,033	(X)	(X)	2,318	5,099	5,346	-	3,270	-

- Represents zero. X Not applicable.
[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: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1039. Petroleum Asphalt and Road Oil—Supply, Distribution, Stocks, and Shipments: 1945 to 1966

[**In thousands of short tons.** Excludes Hawaii and, prior to 1960, Alaska, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years]

ITEM	1945	1950	1955	1960	1963	1964	1965	1966 (prel.)
SUPPLY AND DISTRIBUTION								
Petroleum asphalt:								
Production	7,127	10,589	15,113	17,940	20,354	20,887	22,473	23,560
Imports (including natural)	147	324	605	1,117	1,120	1,075	1,145	1,110
Exports	212	144	285	168	130	139	71	87
Stocks, end of year	693	962	1,413	2,362	2,610	2,588	2,941	3,147
Apparent domestic consumption [1]	6,973	10,669	15,325	18,518	21,325	21,845	23,194	24,377
Road oil:								
Production	471	1,260	1,542	1,085	1,235	1,158	1,194	1,318
Stocks, end of year	67	72	102	135	137	105	106	167
Apparent domestic consumption [2]	438	1,255	1,519	1,069	1,257	1,190	1,193	1,257
SHIPMENTS								
Paving products:								
Asphalt cements	(NA)	(NA)	5,867	8,736	10,488	10,867	12,028	(NA)
Cutback asphalts	(NA)	(NA)	4,039	4,502	4,625	4,188	4,391	(NA)
Emulsified asphalts	(NA)	(NA)	861	1,435	1,835	1,716	1,888	(NA)
Road oil	(NA)	(NA)	1,460	1,177	1,099	1,139	1,188	(NA)
Roofing products:								
Asphalt cements and fluxes	(NA)	(NA)	3,490	3,516	3,818	4,379	4,034	(NA)
Emulsified asphalts	(NA)	(NA)	12	9	3	14	11	(NA)
Miscellaneous products:								
Asphalt cements and fluxes	(NA)	(NA)	1,366	1,800	1,797	1,965	2,682	(NA)
Emulsified asphalts	(NA)	(NA)	45	55	82	79	150	(NA)

NA Not available. [1] Production, plus imports, less exports, and plus or minus change in stocks.
[2] Production, plus or minus change in stocks.

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

No. 1040. Cement—Summary: 1940 to 1965

[**In thousands of barrels of 376 pounds, except as indicated.** Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See also *Historical Statistics, Colonial Times to 1957*, series M 178-179]

ITEM	1940	1950	1955	1960	1963	1964	1965
Production of finished cement	**132,751**	**230,272**	**314,913**	**334,130**	**368,406**	**385,386**	**388,594**
Portland	130,216	226,026	297,453	319,009	352,543	368,633	371,422
Prepared masonry	(NA)	(NA)	16,519	14,553	15,506	16,478	16,893
Natural, slag, and hydraulic lime	[1] 2,535	[1] 4,246	941	568	357	275	279
Active plants:							
Portland ... number	152	150	157	176	181	181	181
Natural, slag, and hydraulic lime ... number	12	9	6	4	4	4	4
Shipments	**132,864**	**231,975**	**310,245**	**327,087**	**365,241**	**383,266**	**391,686**
Value ... $1,000	193,465	545,951	896,888	1,103,680	1,178,980	1,233,349	1,244,869
Per barrel ... dollars	1.46	2.35	2.89	3.37	3.23	3.22	3.18
Portland	130,350	227,756	292,765	312,292	349,253	366,304	374,086
Prepared masonry	(NA)	(NA)	16,526	14,247	15,636	16,679	17,321
Natural, slag, and hydraulic lime	[1] 2,514	[1] 4,219	954	548	352	283	279
Stocks at mills, Dec. 31 (finished portland cement)	23,365	13,119	17,539	35,640	39,597	39,849	35,248
Imports	538	1,410	5,220	4,108	4,030	3,633	5,505
Exports	1,668	2,418	1,795	187	460	713	748
World production (est.)	474,927	781,500	1,274,501	1,856,059	2,216,180	2,434,019	2,544,723

NA Not available. [1] Includes masonry cement from natural, slag, and hydraulic lime plants.

No. 1041. Portland Cement—Production, by States: 1940 to 1966

[**In thousands of barrels of 376 pounds**]

STATE	1940	1950	1955	1960	1964	1965	1966 (prel.)
Total	**130,217**	**226,026**	**297,453**	**319,009**	**368,633**	**371,422**	**380,665**
Alabama	5,122	10,372	12,161	11,935	13,059	14,089	16,083
California	14,216	26,277	35,449	39,892	47,981	45,172	45,387
Illinois	4,975	7,924	8,810	9,270	9,978	9,235	9,203
Iowa	4,606	7,416	10,182	12,527	13,651	13,575	14,056
Kansas	3,433	8,616	9,219	7,996	8,335	8,877	8,979
Michigan	8,603	12,967	18,205	20,971	26,802	27,018	27,967
Missouri	4,968	9,778	12,001	12,606	12,399	13,975	13,740
New York and Maine	[1] 8,437	14,196	20,049	20,134	27,869	29,622	30,475
Ohio	6,664	10,607	13,966	16,850	15,606	14,599	15,235
Pennsylvania	26,853	38,646	46,863	37,170	37,963	39,340	40,052
Tennessee	3,808	6,685	8,110	7,926	8,471	8,829	8,177
Texas	7,375	17,150	24,241	23,190	29,792	30,771	31,251
Other States [2]	31,156	55,392	78,197	98,542	116,727	116,320	120,060

[1] Excludes Maine. [2] Includes Puerto Rico. Excludes Alaska and, prior to 1960, Hawaii.

No. 1042. Sand and Gravel—Quantity Sold or Used by Producers, and Value: 1940 to 1965

[**Quantities in thousands of short tons; values in thousands of dollars, except as indicated.** Prior to 1960, includes Puerto Rico. See *Historical Statistics, Colonial Times to 1957*, series M 183, for total]

ITEM	1940	1950	1955	1960	1964	1965
Total	**238,308**	**370,455**	**592,153**	**709,792**	**868,208**	**908,054**
Use:						
Construction	224,956	350,936	562,796	685,542	839,097	877,752
Building	68,036	132,873	213,712	230,994	264,319	273,591
Paving	143,158	204,242	327,976	388,950	464,390	466,081
Other	13,762	13,821	21,108	65,598	110,388	138,080
Industrial sand	10,645	17,238	18,594	18,330	23,283	25,391
Miscellaneous gravel	2,708	2,281	10,763	5,920	5,828	4,911
Class of operation:						
Commercial [1]	131,256	257,556	420,076	522,895	620,821	655,884
Sand [1]	63,930	124,982	196,528	234,139	283,283	297,413
Gravel	67,326	132,574	223,548	288,756	337,538	358,471
Government-and-contractor	107,052	112,899	172,077	186,897	247,387	252,170
Sand	14,744	13,918	24,591	31,517	43,358	55,324
Gravel	92,308	98,981	147,486	155,380	204,029	196,846
Total value [1]	**110,688**	**295,040**	**536,236**	**720,432**	**893,375**	**957,422**
Average per ton ... dollars	.46	.80	.91	1.01	1.03	1.05
Commercial sand [1]	40,526	120,350	209,166	271,265	325,912	348,878
Average per ton ... dollars	.63	.96	1.06	1.16	1.15	1.17
Commercial gravel	37,745	120,974	228,386	318,145	373,422	397,780
Average per ton ... dollars	.56	.91	1.02	1.10	1.11	1.11
Government-and-contractor sand	4,806	5,961	13,075	22,334	32,217	39,175
Average per ton ... dollars	.33	.43	.53	.71	.74	.71
Government-and-contractor gravel	27,612	47,755	85,610	108,688	161,824	171,589
Average per ton ... dollars	.30	.48	.58	.70	.78	.87

NA Not available. [1] Prior to 1955, excludes ground sand.

Source of tables 1040-1042: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1043. Stone—Quantity Sold or Used by Producers, 1940 to 1965, and Value, 1950, 1960, and 1965

[For 1940 and 1950, includes Puerto Rico; for 1955, excludes Alaska and Hawaii but includes Panama Canal Zone and islands administered by the U.S.]

Kind and use	Quantity sold or used [1] (1,000 short tons)					Value ($1,000)		
	1940	1950	1955	1960	1965	1950	1960	1965
Total	**154,206**	**252,425**	**471,251**	[2] **616,784**	[2] **780,072**	**404,106**	[2] **952,555**	[2] **1,203,618**
KIND								
Granite	10,880	21,935	26,079	42,748	60,028	50,697	89,654	121,147
Basalt and related rocks	15,716	22,895	35,851	57,884	75,529	34,373	87,699	121,278
Sandstone [3]	6,499	9,101	13,108	21,013	29,097	23,787	48,771	61,710
Marble	240	267	1,092	1,644	2,172	10,932	31,060	38,662
Limestone [4]	112,658	180,919	361,524	451,253	554,766	252,756	623,437	765,714
Other stone	7,740	16,378	17,706	21,493	34,366	16,514	27,642	45,971
Shell	–	–	15,131	18,934	21,560	–	33,706	34,314
Slate	473	930	760	532	1,263	15,047	9,233	13,697
USE								
Dimension stone	**2,261**	**2,021**	**2,674**	**2,257**	**2,403**	**65,272**	**86,009**	**92,235**
Building stone	1,897	1,565	2,129	1,694	1,750	43,509	59,360	60,905
Rough	555	554	811	578	710	6,815	8,965	10,277
Dressed	281	675	876	738	633	29,850	43,988	43,026
Rubble	916	247	375	330	355	615	1,743	1,859
Roofing and millstock slate	145	89	67	48	52	6,229	4,664	5,743
Monumental	196	237	235	221	266	17,062	19,254	20,902
Paving blocks	19	4	6	31	5	51	131	109
Curbing	71	78	121	157	157	2,430	3,929	4,708
Flagging	78	137	183	154	225	2,220	3,335	5,611
Crushed and broken stone	**151,945**	**250,404**	**468,577**	**614,527**	**777,669**	**338,834**	**866,546**	**1,111,383**
Riprap	5,264	6,898	10,286	23,863	38,754	7,807	32,468	46,038
Concrete and roadstone	92,814	146,496	254,588	387,084	503,263	191,534	520,669	690,736
Railroad ballast	7,454	18,614	15,871	11,158	14,023	17,520	12,780	17,375
Furnace flux	22,872	35,970	40,068	31,878	33,025	37,932	46,312	48,728
Refractory stone	1,741	2,158	1,169	749	868	5,849	6,082	6,780
Agricultural	8,724	19,349	18,360	22,804	28,531	30,393	39,260	48,889
Portland and natural cement (limestone, cement rock, and shell)	(NA)	(NA)	84,209	85,551	98,465	(NA)	91,964	104,954
Lime and dead-burned dolomite	(NA)	(NA)	16,409	19,724	26,689	(NA)	30,850	44,290
Other uses	13,076	20,919	27,617	31,716	34,051	47,799	86,161	103,593

– Represents zero. NA Not available.

[1] Quantities of stone not sold by short tons are expressed in approximate equivalents in short tons.

[2] Includes calcareous marl (1,283,000 tons valued at $1,353,000 in 1960, and 1,291,000 tons valued at $1,125,000 in 1965) excluded in distribution by kind of stone.

[3] Beginning 1955, includes ground sandstone, quartz, and quartzite for abrasives and other uses.

[4] Beginning 1955, includes limestone, cement rock, and dolomite used in making cement, lime, and dead-burned dolomite.

No. 1044. Lime—Quantity Sold or Used by Producers, by Type and Use: 1940 to 1965

[**Quantities in thousands of short tons.** Includes Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181–182]

Item	1940	1950	1955	1960	1964	1965
Active plants ... number	314	168	150	157	210	212
Quantity sold or used by producers	**4,887**	**7,478**	**10,480**	**12,935**	**16,089**	**16,794**
Value ... $1,000	33,956	83,248	127,144	172,733	223,149	232,939
Per ton ... dollars	6.95	11.13	12.13	13.35	13.87	13.87
Open-market lime	4,548	7,022	8,930	8,189	9,802	10,449
Captive tonnage lime [1]	339	456	1,550	4,746	6,287	6,345
By type:						
Quicklime	2,633	3,834	6,113	8,271	11,370	12,009
Hydrated	1,386	1,885	2,238	2,715	2,551	2,609
Dead-burned dolomite	868	1,759	2,129	1,949	2,168	2,176
By use:						
Agricultural	365	333	305	187	200	217
Building	1,010	1,249	1,310	1,209	1,481	1,477
Chemical and industrial	2,644	4,137	6,736	9,591	12,239	12,924
Refractory (dead-burned dolomite)	868	1,759	2,129	1,949	2,168	2,176

[1] Incomplete; through 1960, only partial coverage of captive plants.

Source of tables 1043 and 1044: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1045. Phosphate Rock—Summary: 1950 to 1965

[Quantities in thousands of long tons]

ITEM	1950	1955	1960	1963	1964	1965
Mine production	(NA)	39,671	54,338	61,598	66,494	75,389
P_2O_5 content	(NA)	4,984	8,282	9,798	11,368	12,826
Marketable production	11,114	12,265	17,516	19,855	22,960	26,440
P_2O_5 content	3,566	3,887	5,443	6,221	7,230	8,186
Value ... $1,000	63,334	75,379	117,041	139,861	161,067	194,552
Per ton ... dollars	5.70	6.15	6.68	7.04	7.02	7.36
Sold or used by producers	10,254	13,186	17,202	19,860	22,081	26,045
P_2O_5 content	3,336	4,180	5,352	6,187	6,907	8,084
Value ... $1,000	59,028	82,904	115,363	140,642	156,738	189,824
Per ton ... dollars	5.76	6.29	6.71	7.08	7.10	7.28
Imports for consumption [1]	87	117	129	161	156	132
Value ... $1,000	[2] 1,114	2,703	3,754	3,651	3,329	2,980
Per ton ... dollars	[2] 12.78	23.05	29.04	22.68	21.68	22.58
Exports [3]	1,760	2,183	3,994	4,547	5,691	6,654
P_2O_5 content	590	720	1,290	1,480	1,835	2,100
Value ... $1,000	10,365	14,269	26,632	31,881	39,717	65,632
Per ton ... dollars	5.89	6.54	6.67	7.01	6.98	9.86
Consumption, apparent [4]	8,581	11,120	13,337	15,474	16,546	19,523
World production	23,000	29,980	41,170	50,420	58,130	64,600

NA Not available.
[1] Data on P_2O_5 content not available.
[2] Market value (price) at port of shipment and time of exportation to the United States.
[3] As reported to the Bureau of Mines by producers.
[4] Measured by "sold or used" plus "imports" minus "exports."

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

No. 1046. Potash—Summary: 1950 to 1965

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1964	1965
Production of potassium salts (marketable)	2,243	3,514	4,472	4,954	5,401
Approximate equivalent K_2O	1,288	2,067	2,638	2,897	3,140
Value [1] ... $1,000	45,349	78,602	89,676	114,095	129,767
Sales of potassium salts by producers	2,222	3,405	4,412	5,201	5,027
Approximate equivalent K_2O	1,276	2,006	2,602	3,045	2,931
Value at plant ... $1,000	44,938	76,176	88,417	120,284	121,161
Per ton ... dollars	20.22	22.37	20.04	23.13	24.10
Imports for consumption of potash materials	381	331	415	1,254	1,867
Approximate equivalent K_2O	201	178	226	737	1,108
Value ... $1,000	13,994	11,769	15,370	35,797	52,675
Exports of potash materials	117	229	833	1,048	1,099
Approximate equivalent K_2O	65	130	491	618	648
Value ... $1,000	5,534	9,203	25,926	37,586	42,494
Apparent consumption of potassium salts [2]	2,486	3,507	3,994	5,407	5,795
Approximate equivalent K_2O	1,412	2,054	2,337	3,164	3,391
World production (marketable), approximate equivalent K_2O	5,300	8,000	10,000	13,200	14,800

[1] Derived from reported value of "sold or used."
[2] Measured by "sold or used" plus "imports" minus "exports."

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

No. 1047. Gypsum—Summary: 1945 to 1966

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

ITEM	1945	1950	1955	1960	1964	1965	1966 (prel.)
Active establishments [1]	75	87	83	96	106	114	(NA)
Crude gypsum: [2]							
Mined	3,812	8,193	10,684	9,825	10,684	10,035	9,635
Imports for consumption	509	3,219	3,977	5,301	6,258	5,911	5,479
Apparent supply	4,320	11,412	14,661	15,126	16,942	15,946	(NA)
Calcined gypsum produced:							
Quantity	[3] 2,485	7,341	8,848	8,591	9,440	9,320	8,258
Value	[3] 14,474	60,480	88,576	120,984	135,877	133,028	(NA)
Gypsum products sold, total value [4]	**60,149**	**205,383**	**319,323**	**361,190**	**431,717**	**419,668**	**(NA)**
Uncalcined uses:							
Quantity	1,148	2,218	2,938	3,716	4,562	4,580	4,627
Value	3,433	7,912	11,435	15,486	19,138	20,361	(NA)
Industrial uses:							
Quantity	158	266	299	284	292	319	322
Value	2,326	4,530	6,337	6,362	7,508	8,281	(NA)
Building uses, value	54,390	192,940	301,551	339,342	405,071	391,026	(NA)
Gypsum and gypsum products:							
Imports for consumption, value [5]	549	3,584	7,276	10,426	14,687	13,328	15,761
Exports, value	1,503	1,046	1,348	1,293	1,808	2,032	(NA)

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

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1048. Sulfur—Summary: 1940 to 1966

[**Quantities in thousands of long tons; values in thousands of dollars, except average.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 185-189]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Production:							
Sulfur, all forms [1]	3,227	5,986	7,027	6,661	7,093	8,212	(NA)
Sulfur from Frasch mines	2,732	5,192	5,739	4,943	5,228	6,116	7,001
Recovered elemental sulfur (sulfur content)	4	142	399	767	1,021	1,215	1,262
Pyrites (gross weight)	627	931	1,007	1,016	847	875	873
Sulfur content	262	393	410	416	354	354	355
Value	1,920	4,059	8,391	7,936	5,471	5,333	5,088
Byproduct sulfuric acid [2] (sulfur content)	213	216	325	345	366	388	(NA)
Shipments, Frasch mines	2,559	5,505	5,839	5,003	6,035	7,250	7,721
Approximate value	40,900	104,000	163,156	115,494	120,777	146,921	201,292
Average value per long ton	$15.98	$18.89	$27.94	$23.08	$20.01	$20.26	$26.07
Imports for consumption:							
Sulfur, ore and other (gross weight)	28	(Z)	35	741	1,462	1,465	1,503
Pyrites (gross weight)	407	209	80	306	120	160	(NA)
Exports, sulfur [3]	766	1,479	1,636	1,787	1,928	2,652	2,373

NA Not available. Z Less than 500 tons.
[1] In addition to forms of recovery cited below, covers sulfur ore and other byproduct sulfur compounds (hydrogen sulfide and liquid sulfur dioxide).
[2] Produced at copper, lead, and zinc plants.
[3] Crude, crushed, ground, refined, sublimed, and flowers.

Source: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*, and unpublished data.

No. 1049. Salt—Summary, by States and by Kind: 1940 to 1966

[**Quantities in thousands of short tons.** Production, exports, and imports include Puerto Rico; production excludes Hawaii for 1940, 1950, and 1960. See *Historical Statistics, Colonial Times to 1957*, series M 28 and M 190, for production and value]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Production [1]	10,360	16,630	22,704	25,479	31,623	34,687	36,463
By State:							
California	469	868	1,315	1,443	1,525	1,638	1,693
Kansas [2]	684	846	911	1,213	930	1,053	969
Louisiana	1,133	2,279	3,563	4,792	6,401	8,126	8,736
Michigan	2,863	4,447	4,975	4,088	4,345	4,171	4,465
New York	2,118	2,807	3,780	4,008	4,816	5,002	4,980
Ohio	2,080	2,515	2,905	3,108	4,537	5,026	5,138
Texas	402	1,852	3,583	4,756	6,410	6,964	7,724
Utah	71	117	196	231	371	384	427
West Virginia	144	368	638	920	1,033	1,153	1,147
Other States	395	531	839	920	1,255	1,170	1,184
By kind:							
Evaporated (manufactured)	2,783	3,329	3,987	4,104	4,702	4,925	5,035
In brine	5,312	9,373	13,424	14,911	18,367	19,952	21,348
Rock salt	2,266	3,927	5,293	6,466	8,554	9,810	10,080
Total value [3] $1,000	26,475	59,911	123,389	161,140	200,706	215,699	229,985
Exports	147	190	407	420	594	688	662
Imports for consumption	30	8	186	1,057	2,261	2,410	2,479

[1] Represents sales plus quantities used by producers.
[2] Brine included in "Other States."
[3] F.o.b. mine or refinery; excludes cost of cooperage or containers.

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

No. 1050. Iron Ore—Summary: 1940 to 1966

[**Quantities in thousands of long tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1957*, series M 195–206]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Production	73,696	98,045	103,003	88,784	84,836	87,842	90,147
By district:							
Lake Superior	61,471	79,627	83,255	71,792	63,107	66,432	68,602
Southeastern	[1] 7,444	7,508	7,106	4,365	2,546	[2] 1,964	[2] 2,028
Northeastern	3,560	4,475	4,650	4,125	5,214	5,173	4,652
Western	[1] 1,221	5,861	6,958	4,583	6,187	[2] 13,468	[2] 14,074
Byproduct ore [3]	(NA)	575	1,034	3,918	7,780	805	791
By type of ore:							
Hematite [4]	68,870	87,156	92,958	[5] 68,147	47,603	47,043	46,602
Brown ore [4]	935	2,615	2,461	1,641	1,806	2,664	2,913
Magnetite [4]	3,891	7,699	6,550	18,205	34,395	36,927	39,841
Byproduct ore [6]	1	575	1,034	791	1,032	805	791
Number of mines	230	247	305	247	158	183	164
Shipments [7]	75,198	97,764	106,258	82,963	84,300	84,073	90,041
Value [7] $1,000	189,087	487,990	756,853	724,131	802,331	801,350	854,134
Average value per ton at mine	$2.51	$4.99	$7.12	$8.73	$9.52	$9.53	$9.49
Stocks at mines, Dec. 31	3,614	5,726	4,281	12,337	10,241	12,667	12,655
Imports for consumption	2,479	8,281	23,472	34,578	42,408	45,103	46,259
Value $1,000	6,205	43,968	177,457	321,919	421,288	443,788	462,354
Exports	1,386	2,551	45,517	5,273	6,963	7,085	7,779
Value $1,000	4,625	15,717	36,993	57,899	79,670	80,418	92,157
World production (estimate)	208,700	247,000	363,421	513,926	569,336	606,359	(NA)

NA Not available. [1] Texas included with Southeastern district. [2] Includes byproduct ore.
[3] Beginning 1960, includes undistributed by district. [4] Predominant mineral.
[5] Includes brown ore from Tenn., Mo., and Texas; also magnetite from Calif., Utah, and Wyo.
[6] For 1940, carbonate ore; thereafter, pyrites, cinder and sinter.
[7] Beginning 1960, excludes byproduct ore except shipments for 1965 and 1966.

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

No. 1051. Manganese Ore and Ferromanganese—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966
Manganese ore (35 percent or more Mn):							
Mine shipments	45	134	287	80	26	29	35
General imports	1,450	1,835	2,078	2,544	2,065	2,575	2,554
Consumption	(NA)	1,650	2,110	1,946	2,242	2,866	2,365
World production (estimate)	6,238	6,200	11,920	14,989	17,437	19,406	20,033
Ferromanganese:							
Domestic production	515	720	870	843	929	1,148	946
Imports for consumption	12	110	65	120	213	257	252
Exports	[1] 15	1	2	1	4	3	1
Consumption	(NA)	775	934	800	1,008	1,041	1,048

NA Not available. [1] Includes spiegeleisen.

No. 1052. Chromite—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966
Total supply	740	1,455	1,987	1,587	1,724	1,711	1,994
Domestic production (shipments) [1]	3	–	153	[2] 107	(X)	(X)	(X)
Value [1]	29	–	6,644	3,813	(X)	(X)	(X)
Imports for consumption	737	1,304	1,834	1,387	1,428	1,518	1,864
Value	8,755	23,299	38,063	24,313	22,713	25,239	(NA)
Change in stocks	–	151	–	93	296	193	130
Exports	(3)	2	1	5	6	7	19
Consumption by industry	563	980	1,584	1,220	1,451	1,584	1,461
Stocks (consumer), Dec. 31	(NA)	606	(NA)	[4] 1,707	1,287	1,094	1,224
World production (estimate)	1,600	2,600	4,020	4,885	4,680	[5] 5,370	[5] 5,450

– Represents zero. NA Not available. X Not applicable.
[1] Domestic chromite mining inactive since 1961. [2] Produced for Federal Government only.
[3] Not available or Bureau of Mines not at liberty to publish.
[4] Includes stocks at locations other than consumer plants. [5] Free world.

No. 1053. Tungsten—Summary: 1940 to 1966

[Excludes Hawaii and, beginning 1955, Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 215-216]

ITEM	1940	1950	1955	1960	1964	1965	1966
Production:							
Concentrates, 60% WO_3 basis ... short tons	5,120	4,166	16,636	7,007	(D)	(D)	(D)
Tungsten content ... 1,000 lb	4,873	3,965	15,833	6,669	(D)	(D)	(D)
Shipments from mines:							
Concentrates, 60% WO_3 basis ... short tons	5,319	4,820	16,412	7,325	9,244	7,949	8,912
Tungsten content ... 1,000 lb	5,062	4,588	15,619	6,972	8,798	7,566	8,482
Reported value f.o.b. mines ... $1,000	6,576	8,171	60,841	9,815	11,251	13,028	17,620
Average per pound of tungsten ... dollars	1.30	1.78	3.90	1.40	1.28	1.72	2.08
Imports (tungsten content):							
General ... 1,000 lb	9,666	8,342	20,789	5,178	2,737	3,495	4,203
For consumption ... 1,000 lb	5,611	16,147	20,700	3,525	3,148	3,618	4,298
Consumption (tungsten content) ... 1,000 lb	9,955	6,597	8,967	11,605	12,311	13,868	17,710
Stocks (tungsten content) [1] ... 1,000 lb	2,897	5,337	4,025	5,545	2,670	1,845	1,940
World production (estimate) [2] ... short tons	48,100	42,300	82,900	72,200	61,386	56,913	(NA)

NA Not available. D Withheld to avoid disclosure of individual company data.
[1] Producers, consumers, and dealers, end of year.
[2] Concentrates, 60 percent WO_3 basis.

Source of tables 1051-1053: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1054. Nickel—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Mine production	–	–	4,411	14,079	15,420	16,188	15,036
Plant production:							
Primary	554	913	3,807	14,303	12,185	13,510	13,272
Secondary	4,152	8,795	11,540	9,431	23,114	19,407	26,777
Imports for consumption (estimated nickel content) [1]	83,760	91,347	142,000	103,000	129,000	163,000	141,000
Exports (gross weight) [2]	11.994	3,645	20,601	54,109	68,502	20,934	26,364
Consumption	(NA)	99,989	110,100	108,159	146,920	172,084	187,640
Stocks (consumer), Dec. 31	(NA)	5,907	9,001	11,369	17,076	13,749	31,071
Price per pound [3] ....cents	35	40–50.5	64.5	74	79	79–77.75	77.75–85.75
World production (estimate)	144,800	162,000	263,000	353,000	423,000	472,000	475,000

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

No. 1055. Molybdenum Concentrates—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966
Production	34,313	28,480	61,781	68,237	65,605	77,372	90,532
Shipments from mines	25,329	44,544	64,709	69,941	65,097	77,310	91,670
Average price per pound [1] ....dollars	.75	.91	1.05	1.25	1.49	1.55	1.55
Exports [2]	6,585	6,235	14,580	30,244	24,940	24,096	29,768
Imports for consumption	–	3	134	–	–	295	271
Consumption	(NA)	26,029	38,799	44,784	56,409	68,112	75,476
Stocks (industry), Dec. 31 [3]	(NA)	4,326	2,730	3,481	4,303	4,208	3,433
World production (estimate)	38,300	32,000	75,000	89,100	78,000	[4] 98,400	[4] 126,200

– Represents zero. NA Not available.
[1] Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.
[2] Includes roasted concentrates. [3] At mines and at plants making molybdenum products. [4] Free world.

No. 1056. Gold and Silver—Summary: 1940 to 1966

[See *Historical Statistics, Colonial Times to 1957*, series M 246–247, for mine production]

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Mine production:							
Gold ....1,000 fine ounces	4,870	2,394	1,880	1,667	1,456	1,705	1,803
Silver ....1,000 fine ounces	70,436	42,459	37,198	30,766	36,334	39,806	43,671
Value of production:							
Gold $1,000	170,448	83,798	65,805	58,337	50,971	59,682	63,119
Silver $1,000	50,088	38,425	33,666	27,846	46,980	51,469	56,463
Ore (dry and siliceous) produced: [1]							
Gold ore ....1,000 short tons	16,550	3,584	2,234	2,267	2,631	3,113	(NA)
Gold-silver ore ....1,000 short tons	948	433	120	347	224	206	(NA)
Silver ore ....1,000 short tons	1,201	627	570	641	644	902	(NA)
Net industrial consumption:							
Gold $1,000	13,306	97,846	45,500	105,000	168,035	184,660	(NA)
Silver ....1,000 fine ounces	44,499	110,000	101,400	102,000	123,000	137,000	(NA)
Imports: [2]							
Gold $1,000	4,226,225	162,744	104,420	335,032	40,888	101,669	42,004
Silver $1,000	57,986	79,473	71,168	53,961	64,394	62,903	76,187
Exports: [2]							
Gold $1,000	1,120	514,283	6,953	1,647	422,744	1,285,907	457,333
Silver $1,000	3,347	3,563	4,441	26,593	141,397	51,424	110,533
Price, average per fine ounce: [3]							
Gold ....dollars	35.00	35.00	35.00	35.00	35.00	35.00	35.00
Silver ....dollars	.711	.905+	.905+	.905+	1.293	1.293	1.293
World production (estimate):							
Gold ....1,000 fine ounces	42,300	32,700	36,300	38,200	46,100	[4] 47,700	(NA)
Silver ....1,000 fine ounces	275,400	203,300	224,000	241,300	246,400	[4] 251,000	(NA)

NA Not available.
[1] Gold and silver are also produced from base-metal ores and placers. In 1965, dry and siliceous ores accounted for 54 percent of gold produced and 35 percent of silver. [2] Excludes coinage.
[3] Treasury buying price, except for silver, beginning 1964, New York price. [4] Preliminary.

Source of tables 1054–1056: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1057. Gold and Silver—Production, by States: 1940 to 1965

[**In thousands of fine troy ounces.** Based on arrivals at U.S. mints and assay offices and private refineries]

STATE	GOLD					SILVER				
	1940	1950	1960	1964	1965	1940	1950	1960	1964	1965
Total	**4,863**	**2,289**	**1,680**	**1,469**	**1,676**	**68,287**	**42,309**	**36,800**	**37,000**	**39,000**
Alaska	757	276	173	58	43	173	50	27	7	7
Arizona	299	111	158	157	154	6,130	5,089	5,338	6,000	6,100
California	1,444	410	125	72	61	2,225	1,000	188	180	177
Colorado	369	124	68	42	39	9,378	3,343	2,070	2,707	2,003
Idaho	145	69	6	6	5	17,477	15,993	17,814	16,628	18,100
Michigan	–	–	–	–	–	90	(Z)	6	307	[1] 844
Missouri	–	–	–	–	–	145	233	81	5	80
Montana	273	57	46	28	26	12,152	7,178	3,970	5,500	5,100
Nevada	380	170	66	93	205	5,102	1,634	703	125	350
New Mexico	39	7	5	7	10	1,576	365	315	250	283
Oregon	114	10	1	1	(Z)	192	12	(Z)	30	4
South Dakota	587	572	551	620	656	171	143	109	132	131
Tennessee	(Z)	(Z)	(Z)	(Z)	(Z)	39	26	123	91	138
Texas	(Z)	(Z)	–	–	–	1,295	4	–	1	3
Utah	352	392	314	290	389	11,686	6,799	5,132	4,600	5,241
Washington	84	89	163	97	88	389	358	696	390	355
Other States	19	2	3	–	–	66	82	229	47	84

– Represents zero. Z Less than 500 ounces.
[1] Includes an accumulation of silver recovered from "Lake Copper"; actual years of mine production unknown.

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

No. 1058. Copper—Summary: 1951 to 1966

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

ITEM	1951-1955 (avg.)	1955	1960	1964	1965	1966
New (primary) copper produced—						
From domestic ores, as reported by—						
Mines	923	999	1,080	1,247	1,352	1,421
Copper ore produced [1]	100,542	112,550	134,994	155,200	173,286	186,878
Average yield of copper ... percent	0.85	0.83	0.73	0.73	0.70	0.67
Smelters	929	1,007	1,143	1,301	1,403	1,430
Percent of world total	28	28	23	23	23	(NA)
Refineries	929	997	1,121	1,260	1,336	1,353
From foreign ores, matte, etc., refinery reports	317	345	398	397	376	358
Total new refined, domestic and foreign	1,246	1,342	1,519	1,656	1,712	1,711
Secondary copper produced	925	989	871	1,093	1,253	1,312
Recovered from old scrap only	445	515	429	474	513	529
Imports (unmanufactured) [2]	595	594	524	586	522	583
Refined	255	202	143	140	137	161
Exports of metallic copper [3]	224	260	510	381	379	319
Refined (ingots and bars)	167	200	434	316	325	273
Stocks (producers), Dec. 31	230	235	359	283	281	313
Refined copper	34	34	98	37	35	43
Blister and materials in solution	196	201	261	246	246	270
Withdrawals (apparent) from total supply on domestic account:						
Primary copper	1,333	1,336	1,148	1,495	1,526	1,591
Primary and old copper (old scrap only)	1,779	1,851	1,577	1,969	2,039	(NA)
Average price [4] ... cents per pound	28.8	37.3	32.1	32.6	35.4	36.2
World smelter production, new copper	3,280	3,630	5,040	5,730	6,020	(NA)

NA Not available.
[1] Includes old tailings smelted or retreated. Not comparable with mine production figures, which include recoverable copper content of ores not classified as "copper."
[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] Total exports of copper, exclusive of ore, concentrates, composition metal, and unrefined copper. Exclusive also of "Other copper manufactures," for which quantity figures are not recorded before 1953. Beginning 1960, data not strictly comparable with earlier years due to changes in classification.
[4] Exclusive of copper produced abroad and delivered in the United States.

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

No. 1059. Copper—Mine Production, by States: 1940 to 1966

[In short tons of recoverable copper]

STATE	1940	1950	1955	1960	1964	1965	1966 (prel.)
Total	878,086	909,343	998,570	1,080,169	1,246,780	1,351,734	1,421,204
Arizona	281,169	403,301	454,105	538,605	690,988	703,377	730,700
California	6,438	646	613	1,087	1,035	1,165	985
Colorado	12,152	3,141	4,323	3,247	4,653	3,828	4,230
Idaho	3,349	2,107	5,618	4,208	4,666	5,140	4,122
Michigan	45,198	25,608	50,066	56,385	69,040	71,749	73,850
Montana	126,391	54,478	81,542	91,972	103,806	115,489	130,319
Nevada	78,454	52,569	78,925	77,485	67,272	71,332	79,825
New Mexico	69,848	66,300	66,417	67,288	86,104	98,658	108,620
Pennsylvania	(1)	4,142	4,110	[2] 7,907	3,614	4,354	3,575
Tennessee	[1] 12,732	6,851	9,911	12,723	13,889	14,823	15,670
Utah	231,864	278,630	232,949	218,049	199,588	259,138	263,160
Washington	9,612	5,057	3,958	78	35	30	34
Other States	879	6,513	6,033	1,135	2,090	2,651	6,114

[1] North Carolina and Pennsylvania included in Tennessee.
[2] Includes North Carolina.

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

No. 1060. Zinc—Production and Prices: 1940 to 1966

[**Quantities in thousands of short tons.** Excludes Alaska and Hawaii, except as noted. See *Historical Statistics Colonial Times to 1957*, series M 239-240, for production]

ITEM	1940	1950	1955	1960	1964	1965	1966
Smelter production of primary slab zinc [1]	675	843	964	800	954	994	1,039
Value ... $1,000	85,085	240,051	236,829	205,476	260,274	290,763	(NA)
Source:							
From domestic ores	590	588	583	334	532	551	(NA)
From foreign ores	85	255	381	465	422	443	(NA)
Method:							
Electrolytic ... percent of total	28	41	40	40	41	41	(NA)
Distilled ... percent of total	72	59	60	60	59	59	(NA)
Production of redistilled secondary slab zinc	49	67	66	69	72	84	72
Average price of common zinc at—							
East St. Louis ... cents per pound	6.34	13.88	12.30	12.95	13.57	14.50	14.50
London [2] ... cents per pound	(NA)	14.89	11.30	11.05	14.74	14.12	(NA)
Mine production of recoverable zinc	665	623	515	435	575	611	571
Arizona	15	60	23	36	25	22	16
Colorado	5	46	35	31	54	54	55
Idaho	71	88	53	37	59	58	61
Illinois	5	27	22	30	14	18	15
Kansas	57	27	28	2	5	7	4
Montana	53	68	69	13	29	34	29
New Jersey	91	55	12	–	33	38	26
New Mexico	30	29	15	14	30	36	29
New York	36	38	53	66	61	70	74
Oklahoma	163	47	42	2	12	13	11
Pennsylvania	–	–	–	14	31	28	28
Tennessee	35	35	40	91	116	122	104
Utah	44	32	44	35	31	28	36
Virginia	17	12	18	20	21	20	18
Washington	11	15	29	21	24	22	24
Wisconsin	6	6	18	18	26	27	25
Other States [3]	26	38	14	5	4	14	16
World smelter production (estimate)	1,786	2,170	2,930	3,335	4,110	4,240	(NA)

– Represents zero. NA Not available.
[1] Beginning 1960, includes production of zinc used directly in alloying operations.
[2] Average price for foreign zinc, based on average rates of exchange recorded by Federal Reserve Board.
[3] Includes Alaska.

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

No. 1061. Lead—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966 (prel.)
Smelter production of refined primary lead	533,179	508,314	479,157	382,436	449,429	418,249	443,995
From domestic ores and base bullion [1]	433,065	418,809	321,132	228,899	294,254	305,007	318,646
From foreign ores and base bullion	100,114	89,505	158,025	153,537	155,175	113,242	125,349
Recovery of secondary lead	260,346	482,275	502,051	469,903	541,582	575,819	538,116
Imports, general: [2]							
Lead in pigs, bars, and old	151,568	461,827	284,729	213,671	212,898	226,883	288,821
Lead in base bullion	19,624	3,488	–	293	4,838	566	2,012
Lead in ores and matte	111,300	76,520	177,479	145,692	123,257	122,661	143,991
Exports of refined pig lead [3]	23,755	2,735	403	1,967	10,175	7,811	5,435
Stocks, Dec. 31 (lead content):							
At primary smelters and refineries	(NA)	(NA)	(NA)	250,142	84,398	83,443	115,473
At consumer plants	(NA)	(NA)	(NA)	97,268	113,444	109,195	90,306
Consumption of metal, primary and secondary ... 1,000 short tons	[4] 782	1,238	1,213	1,021	1,202	1,241	1,324
Average price, common lead:							
New York ... cents per pound	5.18	13.30	15.14	11.95	13.62	16.00	15.12
London ... cents per pound	([5])	13.29	12.19	9.04	12.59	14.37	11.87
Mine production of recoverable lead [6]	457,392	430,827	338,025	246,669	286,010	301,147	327,368
Value [6] ... $1,000	(NA)	(NA)	(NA)	57,722	74,936	93,959	98,964
World smelter production (est.) 1,000 short tons	1,936	1,850	2,250	2,550	2,825	2,905	(NA)

– Represents zero. NA Not available. [1] Excludes lead content of antimonial lead.
[2] Includes lead imported for immediate consumption plus material entering country under bond.
[3] Pigs, bars, and anodes. [4] Source: Estimated by American Bureau of Metal Statistics.
[5] Official maximum price fixed by British Ministry of Supply at £25 per long ton. London Metal Exchange dealings suspended for duration of war. [6] Includes Alaska.

No. 1062. Lead, Recoverable—Mine Production, by States: 1940 to 1966

[In short tons]

STATE	1940	1950	1955	1960	1964	1965	1966
Total	457,392	430,827	338,025	246,669	286,010	301,147	319,302
Arizona	13,266	26,383	9,817	8,495	6,147	5,913	5,170
Colorado	11,476	27,007	15,805	18,080	20,563	22,495	23,450
Idaho	104,834	100,025	64,163	42,907	71,312	66,606	68,865
Illinois	1,508	2,729	4,544	3,000	2,180	3,005	2,475
Missouri	172,052	134,626	125,412	111,948	120,148	133,521	133,125
Montana	23,036	19,617	17,028	4,879	4,538	6,981	4,480
Oklahoma	21,240	20,724	14,126	936	2,781	2,813	2,830
Utah	75,688	44,753	50,452	39,398	40,249	37,700	58,860
Virginia [1]	4,831	4,851	4,036	2,152	3,857	3,651	4,217
Washington	2,555	10,334	10,340	7,725	5,731	6,328	5,895
Other States	26,906	39,778	22,302	7,149	8,504	12,134	9,935

[1] New York and Tennessee included with Virginia for 1940–1955.

No. 1063. Tin—Summary: 1940 to 1966

[Quantities in long tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Production figures for domestic mines also include Alaska]

ITEM	1940	1950	1955	1960	1964	1965	1966
Production:							
Domestic mines	49	94	99	10	(D)	47	97
Domestic smelters [1]	1,391	33,118	22,329	(D)	(D)	3,098	3,825
Secondary sources	29,700	31,680	28,340	22,050	23,508	25,076	25,349
Imports for consumption:							
Metal	124,810	82,838	64,815	39,538	32,132	40,816	41,699
Ore (tin content)	3,000	25,960	20,112	14,026	5,190	4,326	4,372
Exports (domestic and foreign)	[2] 2,664	799	1,107	857	4,041	2,829	2,847
Monthly price of Straits tin at New York, average cents per pound [3]	49.82	95.56	94.73	101.40	157.72	178.17	164.02
Consumption	97,154	104,464	90,483	80,560	82,890	84,011	85,586
World mine production (estimate) [4]	238,300	169,300	197,200	180,400	194,500	199,800	208,000

D Withheld to avoid disclosure of individual company data.
[1] Includes tin content of ores used to make alloys. [2] Foreign only, domestic not separately recorded.
[3] Source: *American Metal Market*. [4] Prior to 1955, excludes production of U.S.S.R.

Source of tables 1061–1063: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

No. 1064. Bauxite—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966
Production:							
Crude ore	510	1,585	2,139	2,409	1,915	1,990	2,162
Dried-bauxite equivalent	439	1,335	1,788	1,998	1,601	1,654	1,796
Value	1,754	7,693	14,543	21,107	17,875	18,632	20,095
Shipments: [1]							
Gross weight (as shipped)	507	1,452	2,012	1,925	1,830	2,065	1,976
Dried-bauxite equivalent	438	1,337	1,727	1,654	1,588	1,785	1,718
Value	1,745	9,549	15,559	19,559	18,668	21,085	20,896
Imports for consumption [2] (crude and dried)	630	2,516	4,882	8,739	10,180	11,199	11,529
Value	4,299	15,730	36,656	78,024	128,787	142,989	147,335
Exports (as shipped)	82	45	14	29	279	147	62
Value	1,543	1,156	528	2,588	22,211	10,736	4,275
World production (estimate)	4,321	8,050	17,500	27,205	33,230	36,530	(NA)

NA Not available. [1] Shipments from mines and processing plants to consumers.
[2] Beginning 1955, import figures adjusted to dry equivalent for Jamaican, Haitian, and Dominican Republic bauxite. Other imports on "as shipped" basis.

No. 1065. Aluminum—Summary: 1940 to 1966

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

ITEM	1940	1950	1955	1960	1964	1965	1966
Total production	287	962	1,902	2,344	3,105	3,395	(NA)
Value	104,624	316,046	830,800	1,201,321	1,458,013	1,651,795	(NA)
Primary aluminum:							
Production	206	719	1,566	2,014	2,553	2,754	2,968
Value	75,292	235,977	684,038	1,030,007	1,196,013	1,337,795	1,446,011
Price...cents per pound [1]	18.7	17.7	23.7	26.0	23.7	24.5	24.5
Secondary aluminum:							
Production (recovered) [2]	80	244	336	329	552	641	(NA)
From old scrap	46	76	76	63	124	160	(NA)
From new scrap	35	167	260	267	428	481	(NA)
Value [3]	29,332	80,069	146,762	171,314	262,000	314,000	(NA)
Imports for consumption [4]	18	256	239	196	453	621	522
Value [5]	4,737	67,533	105,061	103,278	195,833	265,692	(NA)
Exports [4]	28	23	34	384	349	313	188
Value [5]	17,919	13,345	19,692	174,414	169,975	166,794	(NA)
Total apparent consumption	306	1,200	2,111	2,016	3,216	3,736	(NA)
World production (est.)	868	1,640	3,460	4,950	6,720	7,415	(NA)

NA Not available.
[1] As quoted. 99+ percent virgin ingot. The use of the term "pig" was discontinued in August 1960. The former pig price is now applied to ingot. Source: *American Metal Market*.
[2] Through 1950, recoverable aluminum-alloy content; thereafter, recoverable aluminum content.
[3] Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the *Engineering and Mining Journal* and the *American Metal Market*.
[4] Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap).
[5] Beginning 1955, not comparable with earlier years.

No. 1066. Magnesium—Summary: 1940 to 1966

[**In short tons, except as indicated.** Excludes Alaska and Hawaii prior to 1960, except that imports and exports include Alaska, Hawaii, and Puerto Rico for all years. See *Historical Statistics, Colonial Times to 1957*, series M 256–258, for production]

ITEM	1940	1950	1955	1960	1964	1965	1966
Production:							
Primary magnesium, ingot equivalent	6,261	15,726	61,135	40,070	79,488	81,361	79,794
Secondary magnesium, ingot equivalent	(NA)	9,476	10,246	10,348	11,790	13,617	(NA)
Average price per pound, primary (quoted)							
Price, primary...cents per pound	27.0	22.0	29.5	35.25	35.25	35.25	35.25
Exports: [1]							
Metal and alloys in crude form and scrap	859	586	8,230	4,467	15,949	17,836	14,869
Semifabricated forms, powder, etc.	(NA)	322	[2] 250	665	870	484	579
Imports, metallic and scrap [3]	–	843	1,844	401	2,227	2,551	3,265
Domestic consumption [4]	5,766	18,051	46,463	37,100	54,748	69,622	82,678
World primary production (estimate)	42,000	50,000	132,000	102,500	166,172	174,000	(NA)

– Represents zero. NA Not available.
[1] Beginning 1960, some material formerly included with metals and alloys in crude form and scrap, included with semifabricated forms, etc. [2] Not strictly comparable with 1950. [3] Represents imports for consumption.
[4] 1940 data, primary and secondary; thereafter, primary only.

Source of tables 1064–1066: Dept. of the Interior, Bureau of Mines; *Minerals Yearbook*.

FIG. XLVI. VALUE OF NEW CONSTRUCTION: 1960 TO 1966

[See table 1067]

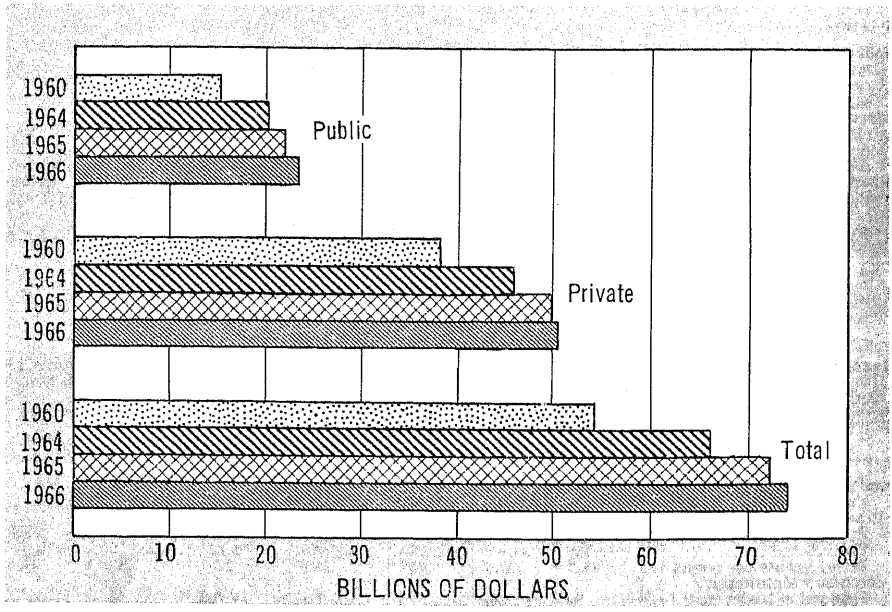
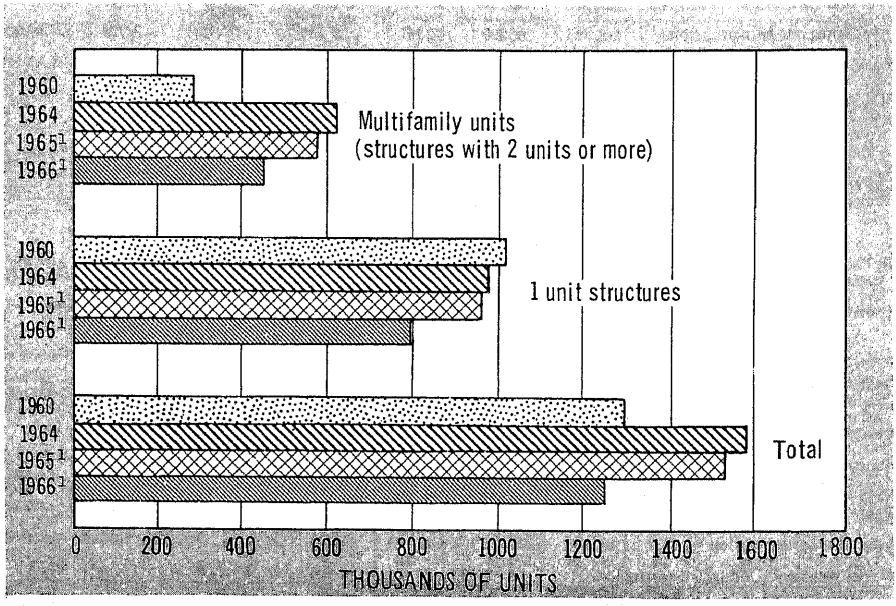


FIG. XLVII. NEW NONFARM HOUSING UNITS STARTED: 1960 TO 1966

[See table 1082]



[1] Preliminary.

Source of figs. XLVI and XLVII: Dept. of Commerce, Bureau of the Census.

Section 28

Construction and Housing

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

The principal sources of these data are the monthly *Construction Reports* series (see below) and reports of the decennial Census of Housing published by the Bureau of the Census; and the monthly *Construction Review*, published by the Business and Defense Services Administration. Other sources, specializing in particular types of construction or housing statistics, include the monthly *Dodge Construction Contract Statistics Services* of F. W. Dodge Company, a division of McGraw-Hill, Inc., which presents State data on construction contracts; the *Engineering News-Record*, issued weekly by McGraw-Hill, Inc., which contains figures on construction costs; the *Annual Report* of the Department of Housing and Urban Development which presents housing statistics for all its operating programs; and the *Annual Report* of the Federal Home Loan Bank Board, which presents home mortgage data. Monthly data on characteristics of vacant housing units are collected by the Bureau of the Census and presented quarterly in its *Current Housing Reports*.

Construction.—Monthly statistics on the start of construction of total, single-family, and multifamily housing units in housekeeping residential buildings are published in *Construction Reports: Housing Starts*. Quarterly information is presented on number of units in multifamily buildings by number of floors and presence of elevators in structures. The statistics are derived from monthly sample surveys which measure the relationship between housing units authorized by permits and the number of units on which construction started. Housing starts in areas which do not issue permits are measured directly by a monthly survey in a sample of such areas. Historical data on housing starts and building permits appear in *Housing Construction Statistics, 1889 to 1964*, issued by the Bureau of the Census in 1966.

Monthly statistics supplemented by additional quarterly data on the number of 1-family homes sold and for sale, compiled by the Bureau of the Census under the sponsorship of the Department of Housing and Urban Development, are published in *Construction Reports: Housing Sales*. Statistics are based on samples of homes authorized by building permits and of homes started in areas without permit systems.

Monthly estimates of the value of construction put in place appear in the Bureau of the Census series, *Construction Reports: Construction Activity*. Estimates for private residential construction are based primarily on housing starts statistics and on construction cost data derived largely from building permit records. Estimates for nonresidential buildings such as stores, office buildings, and factories are compiled from a Bureau of the Census survey of those new construction projects in the 37 Eastern States and the District of Columbia identified by the F. W. Dodge Company, supplemented by building permit and F. W. Dodge contract award data covering the 13 Western States. Public utility construction estimates are derived from data compiled by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations and organizations such as the American Gas Association, the Edison Electric Institute, and the American Telephone and Telegraph Company.

Statistics for State and local governmental construction are derived from expenditure data obtained quarterly by the Bureau of the Census from State and local government bodies. Estimates of federally financed construction, and of the Federal component of federally aided construction programs, are derived by the Bureau of the Census from reports of the responsible Federal agencies.

Monthly statistics on housing units authorized by building permits, based on reports provided monthly by over 3,000 relatively active permit-issuing places and annually by the 12,000 known permit-issuing jurisdictions, appear in *Construction Reports: Building Permits.*

Annual statistics on expenditures for residential additions, alterations, repairs, maintenance, and replacements are published in *Construction Reports: Residential Alterations and Repairs.* Statistics are based on expenditures reported by owners of a sample of single and multifamily properties, including nonfarm and farm, privately and publicly owned, owner and renter occupied, and vacant housing units.

Housing.—From 1850 through 1930, the Bureau of the Census collected some housing data in conjunction with Censuses of Population and Agriculture. Beginning in 1940, full-fledged Censuses of Housing have been taken at 10-year intervals. The most recent census, taken as of April 1, 1960, provided data on occupancy and structural characteristics, condition, plumbing facilities, equipment, fuels, and financing. It also included data on components of inventory change (new construction, conversion, merger, demolition, and other gains and losses) for 1950–60 and 1957–60.

Housing data were collected by the Bureau of the Census in sample surveys in October 1944, November 1945, April 1947, and May 1948 as part of the Current Population Survey (see p. 1). In 1955, the Bureau began a monthly vacancy survey, results of which are issued on a quarterly basis. A National Housing Inventory, conducted in 1956, provided measurements of the housing supply for the nation as a whole and for selected metropolitan areas, and information on components of change during the 1950–56 period.

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

In the 1950 Census, the unit of enumeration was the dwelling unit. Although the definition of housing unit in 1960 is essentially similar to that of dwelling unit in 1950, the housing unit definition was designed to encompass all separate living quarters, whereas the dwelling unit definition did not. The main difference was in the treatment of 1-room quarters. Nevertheless, the change in definition between 1950 and 1960 had relatively little effect on comparability of the data at national and State levels.

Residential financing.—As early as 1890, the Bureau of the Census (then Census Division of the Department of the Interior) collected detailed statistics on residential mortgages. As part of the 1920 and 1940 Censuses, mortgage questions were asked of owners who occupied their own homes. In 1950, the census included a separate survey on residential financing, covering nonfarm residential mortgaged properties, both owner and renter. As part of the 1956 National Housing Inventory, data were collected on the financing of owner-occupied nonfarm properties. In 1960, the Residential Finance Survey program of the Census of Housing covered financing of both home owner and rental properties and characteristics of nonmortgaged as well as mortgaged properties.

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

Urban, rural, and farm-nonfarm residence.—See section 1, "Population," for 1960 definitions of urban, rural, and farm-nonfarm residence.

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

No. 1067. Value of Construction Put in Place: 1950 to 1966

[**In millions of dollars.** Prior to 1960, excludes Alaska and Hawaii. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land and most types of machinery and equipment. For series beginning 1962, see Department of Commerce, Bureau of the Census, *Construction Report* C30-65S. For 1946 to 1961 see *Construction Report* C30-61 (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 1-28]

TYPE OF CONSTRUCTION	1950	1955	1960	1962	1963	1964	1965	1966
Total	**45,630**	**62,377**	**73,178**	**79,972**	**83,508**	**(NA)**	**(NA)**	**(NA)**
New construction	**33,575**	**46,519**	**53,941**	**59,667**	**62,968**	**66,221**	**71,930**	**73,866**
Private	26,709	34,804	38,078	41,798	43,642	45,914	49,999	50,623
Residential buildings (nonfarm)	18,126	21,877	21,706	24,292	25,843	26,507	26,689	24,633
New housing units	15,551	18,242	16,410	18,638	20,064	20,612	20,765	18,773
Additions and alterations	2,400	3,296	(1)	(1)	(1)	(1)	(1)	(1)
Nonhousekeeping	175	339	865	1,223	1,341	1,457	1,486	1,422
Nonresidential buildings [2]	3,904	7,611	10,149	11,617	11,646	12,998	16,521	18,734
Industrial	1,062	2,399	2,851	2,842	2,906	3,572	5,086	6,779
Commercial [3]	1,415	3,218	4,180	5,144	4,995	5,406	6,704	6,887
Religious	409	734	1,013	1,033	1,001	999	1,222	1,174
Educational	294	492	566	680	678	703	753	962
Hospital and institutional	344	351	605	985	1,030	1,301	1,432	1,483
Other nonresidential buildings	380	417	934	933	1,036	1,017	1,324	1,449
Farm construction	1,522	1,385	1,321	1,282	1,247	1,221	1,195	1,208
Operator dwellings	642	532	500	482	468	457	445	450
Other farm construction	880	853	821	800	779	764	750	758
Public utilities	3,045	3,770	4,621	4,330	4,596	4,850	5,178	5,564
Telephone and telegraph	440	805	1,088	996	1,128	1,263	1,454	1,600
Other public utilities	2,605	2,965	3,533	3,334	3,468	3,587	3,724	3,964
Railroads	269	321	270	201	240	259	270	243
Electric light and power [4]	1,240	1,572	2,026	1,899	2,020	2,098	,271	2,467
Gas	859	922	1,105	1,031	948	1,064	1,064	1,153
Petroleum pipelines [5]	237	150	132	203	260	166	119	101
All other private	112	161	281	277	310	338	416	484
Public [6]	6,866	11,715	15,863	17,869	19,326	20,307	21,931	23,243
Buildings (excl. military)	2,732	4,462	5,511	6,092	6,449	7,052	7,716	8,516
Residential	345	266	716	938	451	474	464	550
Industrial	224	721	407	422	458	400	365	374
Educational	1,133	2,442	2,818	2,984	3,477	3,790	4,283	5,131
Hospital	499	300	401	397	403	440	494	437
Other public buildings	531	733	1,169	1,351	1,660	1,948	2,110	2,024
Highways and streets	2,134	3,852	5,437	6,365	7,091	7,144	7,547	8,324
Military facilities	177	1,287	1,366	1,266	1,227	968	883	770
Conservation and development	942	701	1,175	1,524	1,690	1,729	2,017	2,172
Other public construction	881	1,413	2,374	2,622	2,869	3,414	3,768	3,461
Sewer systems	383	615	882	1,072	947	1,325	1,194	1,252
Water supply facilities	276	470	605	682	882	956	1,266	975
Miscellaneous public construction	222	328	887	868	1,040	1,133	1,308	1,234
Maintenance and repair [7]	**12,055**	**15,858**	**19,237**	**20,305**	**20,540**	**(NA)**	**(NA)**	**(NA)**

NA Not available.
[1] Not available; estimate included in totals.
[2] Beginning 1962, new series, essentially comparable in level with old series although there are year-to-year differences. See *Construction Report* C30-65S.
[3] Excludes building by privately owned public utilities.
[4] Includes construction with REA funds.
[5] Through 1955, includes local transit.
[6] Beginning 1963, new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Report* C30-65S.
[7] Source: Dept. of Commerce, Business and Defense Services Administration; *Construction Review*.

Source: Dept. of Commerce, Bureau of the Census: *Construction Reports*, Series C30, except as noted.

No. 1068. Value of New Construction in 1957–59 Prices, and Index of Physical Volume: 1950 to 1966

[**In millions of dollars.** Prior to 1960, excludes Alaska and Hawaii. For description and computation of the various indexes used in the derivation of constant values, see source. Represents value of construction put in place. For series beginning 1962, see Department of Commerce, Bureau of the Census, *Construction Report* C30-65S. For 1946 to 1961 see *Construction Report* C30-61 (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 29-54]

TYPE OF CONSTRUCTION	1950	1955	1960	1962	1963	1964	1965	1966
New construction	**43,576**	**51,717**	**52,171**	**55,948**	**57,681**	**59,153**	**62,140**	**61,556**
Index of physical volume (1957–59=100)	*85*	*101*	*101*	*109*	*112*	*115*	*121*	*119*
Private	**34,309**	**38,394**	**36,518**	**39,056**	**39,928**	**40,922**	**43,145**	**42,065**
Residential buildings (nonfarm)	22,447	23,649	20,824	22,823	23,791	23,733	23,136	20,521
New housing units	19,257	19,722	15,747	17,508	18,465	18,453	17,992	15,643
Additions and alterations	2,975	3,562	(1)	(1)	(1)	(1)	(1)	(1)
Nonhousekeeping	215	365	828	1,150	1,236	1,305	1,292	1,183
Nonresidential buildings [2]	5,321	8,668	9,690	10,558	10,288	11,219	13,884	15,242
Industrial	1,447	2,807	2,803	2,732	2,728	3,271	4,510	5,826
Commercial [3]	1,930	3,623	3,943	4,555	4,290	4,527	5,450	5,417
Religious	558	823	958	932	875	850	1,013	926
Educational	399	553	535	614	592	597	625	761
Hospital and institutional	470	395	569	886	900	1,105	1,189	1,169
Other nonresidential buildings	517	467	882	839	903	869	1,097	1,143
Farm construction	1,909	1,511	1,270	1,239	1,194	1,167	1,121	1,083
Operator dwellings	785	573	480	463	444	430	415	394
Other farm construction	1,124	938	790	776	750	737	706	689
Public utilities	4,470	4,384	4,474	4,190	4,390	4,525	4,673	4,850
Telephone and telegraph	574	865	1,059	973	1,085	1,186	1,312	1,375
Other public utilities	3,896	3,519	3,415	3,217	3,305	3,339	3,361	3,475
Railroads	363	366	261	193	229	245	246	210
Electric light and power [4]	1,879	1,866	1,980	1,884	1,976	2,008	2,105	2,222
Gas	1,308	1,110	1,047	947	854	935	907	956
Petroleum pipelines [5]	346	177	127	193	246	151	103	87
All other private	162	182	260	246	265	278	331	369
Public [6]	**9,267**	**13,323**	**15,653**	**16,892**	**17,753**	**18,231**	**18,995**	**19,491**
Buildings (excl. military)	3,682	5,039	5,237	5,552	5,684	6,036	6,439	6,980
Residential	430	288	686	882	414	419	402	478
Industrial	304	848	402	408	430	364	324	325
Educational	1,543	2,742	2,664	2,688	3,035	3,224	3,555	4,194
Hospital	682	338	380	357	348	372	410	368
Other public buildings	723	823	1,105	1,217	1,457	1,657	1,748	1,615
Highways and streets	2,722	4,396	5,758	6,447	7,005	7,015	7,104	7,295
Military facilities	234	1,467	1,336	1,182	1,113	864	759	636
Conservation and development	1,351	799	1,089	1,345	1,444	1,428	1,601	1,667
Other public construction	1,278	1,622	2,233	2,366	2,507	2,888	3,092	2,913
Sewer systems	550	702	817	948	810	1,094	952	998
Water supply facilities	397	536	563	601	754	787	1,007	812
Miscellaneous public construction	331	384	853	817	943	1,007	1,133	1,103

[1] Not available; estimate included in totals.
[2] Beginning 1962, new series, essentially comparable in level with old series although there are year-to-year differences. See *Construction Report* C30-65S.
[3] Excludes building by privately owned public utilities.
[4] Includes construction with REA funds.
[5] Through 1955, includes local transit.
[6] Beginning 1963, includes new series for State and local component of public construction. New and old series essentially comparable in level for total but not for most individual categories. See *Construction Report* C30-65S.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

No. 1069. Value of New Construction Put in Place, by Type, by Quarters: 1965 to 1967

[In millions of dollars]

TYPE OF CONSTRUCTION	1965				1966				1967, Jan.-Mar. (prel.)
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	
New construction	**13,691**	**18,599**	**20,363**	**19,277**	**15,449**	**19,851**	**20,717**	**18,352**	**14,400**
Private	**9,751**	**12,914**	**13,817**	**13,517**	**10,901**	**13,594**	**13,846**	**12,282**	**9,772**
Residential buildings (nonfarm) [1]	5,195	7,135	7,568	6,791	5,343	7,092	6,813	5,385	4,126
New housing units	4,104	5,222	5,983	5,456	4,241	5,202	5,250	4,080	3,064
Nonhousekeeping	336	371	399	380	347	348	377	350	307
Nonresidential buildings [2]	3,155	4,087	4,434	4,845	4,020	4,700	5,093	4,921	4,088
Industrial	939	1,256	1,338	1,553	1,406	1,734	1,868	1,771	1,447
Commercial	1,281	1,614	1,809	2,000	1,491	1,660	1,877	1,859	1,531
Religious	216	319	338	349	238	292	319	324	238
Educational	136	174	235	208	197	251	275	240	210
Hospital and institutional	357	362	350	363	356	369	376	382	316
Farm construction	280	289	328	298	275	289	336	308	285
Public utilities	1,041	1,300	1,384	1,453	1,116	1,384	1,499	1,565	1,174
Telephone and telegraph	300	372	375	407	341	405	420	434	350
Other public utilities	741	928	1,009	1,046	775	979	1,079	1,131	824
All other private	80	103	103	130	147	129	105	103	93
Public [3]	**3,940**	**5,685**	**6,546**	**5,760**	**4,548**	**6,257**	**6,871**	**6,070**	**4,628**
Buildings (excl. military)	1,533	1,978	2,121	2,084	1,928	2,259	2,333	(NA)	(NA)
Residential	87	102	137	138	112	134	160	(NA)	(NA)
Industrial	91	106	81	87	81	114	87	83	81
Educational	812	1,128	1,213	1,130	1,087	1,378	1,487	(NA)	(NA)
Hospital	106	136	129	123	106	116	116	(NA)	(NA)
Other public buildings	437	506	561	606	542	517	483	(NA)	(NA)
Highways and streets	1,074	1,976	2,556	1,941	1,206	2,293	2,762	(NA)	(NA)
Military facilities	169	226	255	233	175	196	209	190	138
Conservation and development	387	522	555	553	434	557	613	(NA)	(NA)
Other public construction	777	983	1,059	949	805	952	954	(NA)	(NA)
Sewer systems	249	315	321	309	287	337	344	(NA)	(NA)
Water supply facilities	258	313	397	298	228	283	265	(NA)	(NA)
Misc. public construction	270	355	341	342	290	332	345	(NA)	(NA)

NA Not available. [1] Includes estimates for additions and alterations.
[2] New series, which began July 1962; see *Construction Report* C30-65S. Total includes estimates for types of buildings not shown separately. [3] See footnote 6, table 1068.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

No. 1070. Building Permits—Valuation of Private Construction Authorized: 1960 to 1966

[In millions of dollars. The "10,000 place" series is based on a U.S. total of approximately 10,000 places identified in 1959 as having local building permit systems; the "12,000 place" series on a total of approximately 12,000 places so identified in 1962]

TYPE OF CONSTRUCTION	10,000 PLACE SERIES		12,000 PLACE SERIES			
	1960	1963	1963	1964	1965	1966 (prel.)
Total	**19,761**	**24,557**	**25,630**	**26,614**	**27,852**	**26,121**
New housing units	11,327	14,606	15,213	15,242	15,396	12,679
In structures with—						
1 unit	9,427	10,088	10,658	10,714	11,117	9,319
2 to 4 units	491	952	970	864	741	531
5 units or more	1,409	3,565	3,585	3,664	3,538	2,829
New nonhousekeeping residential buildings	270	376	386	531	471	377
New nonresidential buildings	5,982	7,045	7,455	8,194	9,179	10,195
Industrial buildings	1,138	1,455	1,740	1,939	2,252	2,778
Office buildings	1,039	1,281	1,297	1,168	1,573	1,749
Service stations and repair garages	115	169	175	200	218	229
Stores and other mercantile buildings	1,146	1,215	1,247	1,559	1,838	1,940
Religious buildings	548	501	524	616	617	574
Educational buildings	441	651	659	679	715	879
Hospitals and other institutional buildings	340	719	730	830	810	715
Amusement buildings	195	169	174	176	181	162
Residential garages	202	224	234	231	226	217
All other nonresidential buildings	818	661	675	796	749	952
Additions and alterations	2,182	2,530	2,576	2,647	2,806	2,870

Source: Dept. of Commerce, Bureau of the Census. In Dept. of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1071. Value of New Public Construction, by Source of Funds, Ownership, and Type: 1950 to 1966

[**In millions of dollars.** Prior to 1960, excludes Alaska and Hawaii. Complete series from 1946 to 1962 in Department of Commerce, Business and Defense Services Administration, *Construction Statistics, 1915–1964*, a supplement to *Construction Review* and, from 1963 to date, in current issues of *Construction Review*. For 1915 to 1945 source of funds totals, see *Historical Statistics, Colonial Times to 1957*, Series N55–58]

ITEM	1950	1955	1960	1962	1963	1964	1965	1966
New public construction	**6,866**	**11,715**	**15,863**	**17,869**	**19,326**	**20,307**	**21,931**	**23,746**
Federal funds	2,078	3,508	5,889	6,469	7,120	7,358	7,179	7,288
Direct Federal	1,624	2,769	3,622	3,913	3,970	3,822	3,885	3,781
Federal grants-in-aid [1]	454	739	2,267	2,556	3,150	3,536	3,294	3,507
State and local funds	4,788	8,207	9,974	11,400	12,206	12,949	14,752	16,458
Federally owned	1,624	2,769	3,622	3,913	3,970	3,822	3,885	3,781
Buildings (excl. military)	514	804	1,024	1,091	1,141	1,250	1,285	1,155
Residential	15	2	288	201	57	12	11	6
Industrial	224	721	407	422	458	400	365	374
Educational	–	6	20	29	26	24	15	13
Hospital	146	22	56	55	66	73	94	81
Other Federal buildings	129	53	253	384	534	741	801	681
Highways and streets	45	70	136	160	190	184	168	171
Military facilities	177	1,287	1,366	1,266	1,227	968	883	770
Conservation and development	881	598	1,005	1,297	1,333	1,369	1,502	1,656
Miscellaneous Federal construction	7	10	91	99	79	51	47	29
State and locally owned [2]	5,242	8,946	12,241	13,956	15,356	16,485	18,046	19,965
Buildings (excl. military)	2,218	3,658	4,487	5,001	5,308	5,802	6,431	7,624
Residential	330	264	428	737	394	462	453	569
Educational	1,133	2,436	2,798	2,955	3,451	3,766	4,269	5,313
Hospital	353	278	345	342	337	367	400	382
Other State and local buildings	402	680	916	967	1,126	1,207	1,309	1,360
Highways and streets	2,089	3,782	5,301	6,205	6,901	6,960	7,379	8,103
Conservation and development	61	103	170	227	357	360	515	529
Other State and local construction	874	1,403	2,283	2,523	2,790	3,363	3,721	3,709
Sewer systems	383	615	882	1,072	947	1,325	1,194	1,308
Water supply facilities	276	470	605	682	882	956	1,266	1,065
Miscellaneous State and local construction	215	318	796	769	961	1,082	1,261	1,336

– Represents zero.
[1] Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. [2] Beginning 1963, new series; see footnote 6, table 1068.

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C30.

No. 1072. Federal Expenditures for Public Works: 1955 to 1968

[**In millions of dollars.** For years ending June 30. Includes construction in outlying areas and U.S. Government owned construction in foreign countries. Differs from value-in-place data shown in table 1071 in geographic coverage (value-in-place series is limited to the United States), in timing (value in place usually precedes expenditures), and in system of classification. For description of each system of classification, see Department of Commerce, Bureau of the Census, *Construction Report* C30-65S and Executive Office of the President, Bureau of the Budget, *Budget of the United States Government, 1968*, Special Analysis F]

FUNCTION	1955	1960	1964	1965	1966	1967 est.	1968 est.
Civil public works	**1,716**	**5,011**	**6,999**	**7,521**	**7,742**	**7,491**	**7,310**
International affairs and finance	5	28	14	11	13	24	25
Space research and technology	[1] 22	54	438	531	572	280	160
Agriculture and agricultural resources	43	43	64	3	–3	60	73
Natural resources	830	1,123	1,625	1,700	1,993	2,055	2,208
Commerce and transportation	[2] 665	[2] 3,161	4,196	4,542	4,230	4,209	4,142
Housing and community development	–87	21	14	68	70	103	222
Health, labor, and welfare	38	131	148	181	173	256	307
Education	137	211	159	147	339	153	–212
Veterans benefits and services	33	60	73	84	87	71	90
General government	29	178	267	254	270	281	296
National defense public works	**2,408**	**1,835**	**1,347**	**1,366**	**1,686**	**1,805**	**1,809**
Military public works	1,612	1,618	1,139	1,156	1,506	1,670	1,648
Civil defense public works	(2)	(2)	6	3	4	5	6
Atomic energy facilities	787	218	202	206	176	130	155
Defense production expansion and other	8	–1	–	–	–	–	–

– Represents zero.
[1] Principally aeronautics programs. [2] "Civil defense public works" classified in "Civil public works" (Commerce and transportation); expenditures for such public works were less than $500,000.

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

No. 1073. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1962 and 1965

[**In millions of dollars, except averages.** Expenditures for one type of construction work done incidental to another type are included under latter type. Data not available for 1964. Between 1963 and 1965, changes made in sampling and data collection methods; effect, if any, not known]

Year and type of expenditure	All properties	1 to 4 unit properties with owner occupant	Other properties [1]	Improvements: Additions and alterations: Total	Improvements: Additions and alterations: Residential structure	Improvements: Additions and alterations: Other property	Improvements: Replacements	Maintenance and repairs
1962								
All properties	**11,024**	**7,105**	**3,919**	**4,442**	**3,512**	**930**	**1,739**	**4,843**
Average per property	$248	$211	$356	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning	887	674	213	242	242	(NA)	347	298
Plumbing	1,246	730	516	162	162	(NA)	429	655
Roofing	811	531	280	(NA)	(NA)	(NA)	483	328
Painting	2,076	1,295	781	(NA)	(NA)	(NA)	(NA)	2,076
Not specified	6,004	3,875	2,129	4,038	3,108	930	480	1,486
1965								
All properties	**11,442**	**7,750**	**3,692**	**4,736**	**3,769**	**967**	**1,707**	**4,999**
Average per property	$253	$220	$367	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning	956	618	338	304	304	(NA)	438	214
Plumbing	1,216	674	542	183	183	(NA)	490	543
Roofing	690	444	246	(NA)	(NA)	(NA)	338	352
Painting	2,082	1,236	846	(NA)	(NA)	(NA)	(NA)	2,082
Not specified	6,498	4,778	1,720	4,249	3,282	967	441	1,808

NA Not available.
[1] 1 to 4 housing unit properties with no unit owner occupied and all properties with 5 housing units or more.
Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C50-10.

No. 1074. Construction Materials—Indexes of Wholesale Prices: 1950 to 1966

[*1957-59=100. For discussion of wholesale price index, see text, p. 347*]

Commodity	1950	1955	1960	1966
All construction materials	**83.0**	**95.1**	**100.5**	**103.9**
Lumber and wood products:				
Softwoods:				
Douglas fir	97.4	108.1	99.0	107.3
Southern pine	94.1	100.4	100.1	106.8
Other softwoods	89.2	102.6	97.2	99.4
Hardwoods	93.8	97.9	103.8	124.3
Millwork	87.7	98.4	104.5	110.0
Plywood	108.4	107.4	97.8	92.8
Softwood	121.5	117.7	92.9	87.1
Hardwood	96.7	97.9	102.8	99.0
Building paper and board	74.9	91.1	101.4	92.6
Prepared paint	77.8	89.7	100.7	106.8
Metals and products:				
Structural steel shapes	62.3	78.2	102.8	110.0
Reinforcing bars	61.0	83.7	102.3	96.1
Black steel pipe, carbon	61.1	79.6	99.9	98.4
Wire nails, 8d common	64.1	84.1	98.5	91.4
Copper water tubing	73.5	106.1	99.6	133.4
Building wire	73.1	103.9	99.1	156.6
Plumbing fixtures and brass fittings	84.5	98.0	103.1	108.4
Metals and products—Continued				
Enameled iron fixtures	95.6	108.0	104.8	96.1
Vitreous china fixtures	94.4	98.4	102.5	95.7
Brass fittings	72.8	91.7	103.6	129.0
Heating equipment	86.7	95.0	98.1	92.5
Steam and hot water equipment	73.5	89.0	102.9	102.6
Metal doors, sash, and trim	79.0	100.2	95.3	94.2
Nonmetallic mineral items:				
Plate glass	78.1	92.8	96.4	79.8
Concrete ingredients	77.1	90.2	102.7	103.9
Portland cement	72.1	87.7	103.5	101.5
Concrete products	82.4	92.7	102.4	103.0
Concrete pipe	73.4	89.8	104.4	97.4
Structural clay products	71.7	89.3	103.1	106.4
Gypsum products	80.0	93.4	101.9	102.4
Asphalt roofing [1]	86.5	90.5	91.6	96.0
Insulation materials	97.9	103.2	100.7	89.8
Linoleum, inlaid	77.3	93.7	104.6	(NA)
Asphalt floor tile	92.0	97.4	102.4	109.1
Rubber floor tile	83.9	94.2	100.5	(NA)

NA Not available.
[1] For 1960 and earlier years, "prepared asphalt roofing."
Source: Dept. of Labor, Bureau of Labor Statistics; Monthly and annual reports, *Wholesale Prices and Price Indexes*.

No. 1075. Cost Indexes for Construction and Selected Components of Construction: 1946 to 1966

[1957-59=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these firms are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1957*, series N 85-102, for construction cost indexes on a 1947-49 base]

ITEM	1946	1950	1955	1960	1965	1966
Indexes of building materials prices and union wage scales:						
Wholesale prices of construction materials [1]	52.2	83.0	95.1	100.5	100.8	103.9
Union hourly wage scales in the building trades [2]	49.5	68.0	86.8	109.0	131.4	136.9
Construction cost indexes:						
Department of Commerce: Composite [3]	56	77	90	103	116	121
Bureau of Public Roads: Highways [4]	71.1	78.3	87.3	94.1	105.9	113.0
American Appraisal Company: Building construction [5]	48	73	89	106	121	127
Associated General Contractors of America: General construction [6]	52	71	88	107	123	127
E. H. Boeckh and Associates: [7]						
Small residential structures: Composite	57.4	80.3	92.4	104.2	115.2	120.1
Apartments, hotels, and office buildings: Composite	54.0	75.8	90.4	105.0	118.5	123.2
Commercial and factory buildings: Composite	53.0	74.0	89.5	104.7	117.2	122.2
Engineering News-Record: [8]						
Building construction	49.8	71.2	89.0	106.1	118.9	123.8
General construction	45.5	67.1	86.8	108.3	127.8	134.3
George A. Fuller Company: Commercial buildings [9]	55	72	88	106	124	127
Turner Construction Company: Building construction [10]	55	73	85	102	113	116
Whitman Requardt and Associates (Handy-Whitman Index): [11]						
Public-utility construction:						
Building	46	67	83	104	111	115
Gas plant	45	65	83	106	117	120
Electric light and power [12]	46	66	84	102	107	110

[1] Covers materials either (*a*) physically incorporated as integral part of a building or (*b*) normally installed during construction and not removable without seriously impairing building. Excludes consumer durables, such as kitchen ranges, refrigerators, etc. Beginning 1963, applies to Alaska and Hawaii; for treatment in index weights, see text, p. 347. Source: Dept. of Labor, Bureau of Labor Statistics.

[2] Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of July 1. Source: Dept. of Labor, Bureau of Labor Statistics, unpublished data.

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

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

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

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

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

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

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

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

[11] Based on data covering public utility construction costs (building construction, gas plant construction, and electric light and power construction) for 95 items in 6 geographic regions of the U.S. Job costs include both skilled and common labor. Indexes do not reflect tax payments nor employee-benefit cost. Dept. of Commerce, Bureau of the Census, has converted these series to a 1957-59 base, and combined the various items into a single index.

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

Source: Dept. of Commerce, Bureau of the Census, except as noted. In Dept. of Commerce, Business and Defense Services Administration, *Construction Review*.

No. 1076. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1960 to 1966

[**Value in millions of dollars; floor space in millions of square feet.** Excludes Alaska and Hawaii. Includes new structures and alterations to existing structures (both value and floor area), and major alterations to existing structures which affect only valuation, since there is no additional floor area created by an "alteration" project]

Class of construction	Value of construction					Floor space of buildings [1]				
	1960	1963	1964	1965	1966	1960	1963	1964	1965	1966
Total	**36,318**	**45,546**	**47,330**	**49,272**	**50,150**	**2,154**	**2,711**	**2,738**	**2,843**	**2,643**
Nonresidential buildings:										
Commercial [2]	3,725	4,445	4,572	5,457	5,835	283	347	360	415	442
Industrial	2,114	2,274	2,970	3,064	3,623	178	187	239	265	312
Educational and science	3,005	3,314	3,554	4,164	4,939	196	197	202	225	245
Hospital	832	1,485	1,625	1,515	1,721	36	65	67	60	60
Public buildings	679	964	789	842	939	33	43	34	36	37
Religious	789	755	814	783	825	53	48	50	45	45
Social and recreational	631	648	599	800	855	44	38	36	47	47
Miscellaneous	464	493	598	596	656	31	32	36	38	40
Residential buildings	15,105	20,502	20,565	21,248	17,827	1,300	1,753	1,714	1,711	1,416
Nonbuilding construction	8,972	10,667	11,244	10,805	12,930	(X)	(X)	(X)	(X)	(X)

X Not applicable.
[1] Excludes floor space of public works and utilities, data for which are not available.
[2] Includes nonindustrial warehouses.

Source: F. W. Dodge Company, a division of McGraw-Hill, Inc., New York, N.Y. In *Dodge Construction Contract Statistics Service.*

No. 1077. Construction Contracts—Indexes of Value: 1940 to 1967

[*1957-59=100.* Indexes are derived from monthly figures of construction contracts reported by the F. W. Dodge Company, a division of McGraw-Hill, Inc. Reports covered 37 States and D.C. through 1955 and 48 States and D.C. thereafter]

Year	Total [1]	Building		Year and month	Total [1]	Building	
		Residential	Nonresidential			Residential	Nonresidential
1940	15	14	14	1966:			
1945	12	5	20	January	152	142	150
1949	44	50	40	February	157	147	179
1950	61	77	57	March	158	154	178
1951	63	66	75	April	161	143	189
1952	67	70	74	May	156	135	173
1953	69	68	77	June	147	126	179
1954	76	82	79	July	147	103	169
1955	91	97	94	August	139	107	170
1956	92	86	100	September	146	100	189
1957	93	87	101	October	139	92	182
1958	102	98	98	November	130	100	165
1959	105	115	102	December	133	96	167
1960	105	101	109	1967:			
1961	108	108	108	January	126	100	145
1962	120	121	116	February	143	109	186
1963	132	137	128	March	149	122	177
1964	137	137	139	April	138	111	184
1965	143	142	154	May	154	137	171
1966	145	119	173				

[1] Represents the sum of the value of residential building contracts, nonresidential building contracts, and nonbuilding construction contracts. The existence of very large individual projects in the nonbuilding series results in an irregular pattern that is not conducive to seasonal adjustment.

Source: F. W. Dodge Co., McGraw-Hill, Inc., New York, N.Y. In Dept. of Commerce, Business and Defense Services Administration; *Construction Review.*

No. 1078. Value of Construction Contracts, 1950 to 1966, and by Type of Valuation, 1966, by States

[**In millions of dollars.** See headnote, table 1076. Represents value of construction in States in which work was actually done. Beginning 1960, shown on revised basis; therefore, not comparable with prior years]

STATE	1950	1955	1960	1964	1965	1966			
						Total	Non-residential	Residential	Non-building
Total [1]	**14,501**	**23,745**	**36,318**	**47,330**	**49,272**	**50,150**	**19,393**	**17,827**	**12,930**
Alabama	227	320	467	744	679	733	235	266	233
Arizona	(NA)	(NA)	453	460	413	463	141	151	171
Arkansas	126	139	286	491	529	502	152	157	192
California	(NA)	(NA)	4,947	6,588	6,333	5,599	2,105	1,838	1,655
Colorado	(NA)	(NA)	461	676	585	583	209	249	125
Connecticut	290	565	618	807	799	956	405	352	199
Delaware	62	114	98	208	200	181	62	75	44
District of Columbia	97	119	222	272	310	265	153	67	45
Florida	532	1,047	1,443	2,235	1,890	2,055	585	1,033	437
Georgia	296	480	606	1,078	1,121	1,256	530	510	217
Idaho	(NA)	(NA)	115	174	187	251	35	48	167
Illinois	[illegible]	1,921	2,098	2,229	2,455	2,575	1,165	940	471
Indiana	389	649	803	1,097	1,332	1,282	560	366	356
Iowa	194	271	411	494	591	737	325	199	212
Kansas	214	512	462	501	473	471	146	181	145
Kentucky	191	375	486	638	691	802	289	257	255
Louisiana	311	612	579	996	1,190	1,110	334	375	402
Maine	40	154	116	144	151	170	67	60	43
Maryland	536	821	706	1,133	1,278	1,164	403	579	182
Massachusetts	486	759	764	1,083	1,093	1,222	558	436	227
Michigan	838	1,329	1,410	1,848	2,280	2,098	930	835	333
Minnesota	301	512	661	825	793	894	322	277	295
Mississippi	103	172	288	464	489	422	132	160	130
Missouri	368	688	807	1,190	1,129	1,229	407	429	393
Montana	(NA)	(NA)	133	186	219	220	46	48	126
Nebraska	106	221	288	332	360	373	129	117	127
Nevada	(NA)	(NA)	130	291	232	139	50	46	43
New Hampshire	34	86	103	121	150	197	71	49	77
New Jersey	748	1,010	1,235	1,609	1,541	1,651	719	616	316
New Mexico	(NA)	(NA)	220	322	377	422	93	81	248
New York	1,767	2,655	3,693	3,286	3,938	3,960	1,822	1,285	852
North Carolina	288	353	652	1,007	1,016	1,176	468	508	200
North Dakota	63	85	141	325	127	117	42	33	42
Ohio	978	2,035	1,924	2,347	2,497	2,720	1,099	951	670
Oklahoma	253	434	489	645	597	578	165	229	184
Oregon	(NA)	(NA)	365	497	586	535	156	193	186
Pennsylvania	1,138	1,539	1,439	1,992	2,118	2,239	1,040	663	536
Rhode Island	90	93	118	158	192	234	88	83	63
South Carolina	134	233	333	511	488	656	238	227	190
South Dakota	62	87	186	119	112	107	37	28	43
Tennessee	397	469	618	929	909	993	373	376	245
Texas	1,072	1,487	2,021	2,609	2,679	2,697	977	981	739
Utah	(NA)	(NA)	195	269	240	211	84	62	65
Vermont	21	35	51	67	106	123	53	29	42
Virginia	393	666	968	1,247	1,373	1,288	422	526	340
Washington	(NA)	(NA)	652	833	1,007	1,021	372	393	256
West Virginia	96	137	198	257	267	275	87	83	105
Wisconsin	332	562	753	855	1,034	1,065	488	358	219
Wyoming	(NA)	(NA)	121	143	117	132	22	21	90

NA Not available.
[1] Excludes Alaska and Hawaii. Total for 37 States and D.C. through 1955; 48 States and D.C. thereafter.

Source: F. W. Dodge Co., McGraw-Hill Inc., New York, N.Y. Figures reported currently in *Dodge Construction Contract Statistics Service.*

No. 1079. New Housing Units Authorized—Number and Valuation, by States: 1963 to 1966

[Based on a total of approximately 12,000 places identified in 1962 as having local building permit systems. Includes public housing contract awards]

State	Number of housing units				Vlauation (mil. dol.)			
	1963	1964	1965	1966 (prel.)	1963	1964	1965	1966 (prel.)
United States	**1,364,309**	**1,315,825**	**1,273,794**	**1,000,253**	**15,561**	**15,979**	**15,831**	**13,008**
New England	**59,831**	**71,058**	**69,303**	**57,855**	**705**	**809**	**842**	**747**
Maine	1,785	1,578	1,847	1,943	21	19	23	25
New Hampshire	3,069	3,198	3,579	3,549	37	40	46	45
Vermont	483	480	1,186	911	6	6	15	12
Massachusetts	30,231	35,942	31,737	25,282	345	378	374	330
Rhode Island	4,897	5,170	6,227	4,924	51	58	68	60
Connecticut	19,366	24,690	24,727	21,246	245	309	316	276
Middle Atlantic	**189,970**	**179,586**	**194,203**	**161,155**	**2,191**	**2,072**	**2,354**	**2,023**
New York	99,644	71,289	84,802	71,062	1,163	910	1,106	958
New Jersey	53,637	67,846	62,656	49,152	598	703	723	583
Pennsylvania	36,689	40,451	46,745	40,941	430	460	526	482
East North Central	**201,172**	**211,613**	**231,195**	**195,196**	**2,549**	**3,141**	**3,109**	**2,776**
Ohio	62,990	60,626	59,267	47,797	798	805	813	704
Indiana	23,768	24,593	27,367	22,969	278	289	323	284
Illinois	51,522	51,772	57,530	53,397	674	711	812	806
Michigan	41,348	48,971	59,640	50,447	540	668	824	705
Wisconsin	21,544	25,651	27,391	20,586	260	668	337	278
West North Central	**73,657**	**82,152**	**85,276**	**63,504**	**883**	**1,021**	**1,051**	**860**
Minnesota	21,096	21,476	20,104	14,435	263	287	268	210
Iowa	8,907	11,253	13,899	10,508	118	145	172	144
Missouri	24,251	29,420	29,070	22,518	265	341	349	299
North Dakota	2,125	1,977	2,016	1,396	27	26	28	20
South Dakota	1,668	1,538	1,835	1,012	19	19	20	13
Nebraska	7,074	7,133	7,813	5,114	78	78	82	59
Kansas	8,536	9,355	10,539	8,521	112	125	134	114
South Atlantic	**229,363**	**236,132**	**254,046**	**208,151**	**2,351**	**2,524**	**2,781**	**2,314**
Delaware	4,122	5,290	6,199	4,343	57	62	71	49
Maryland	46,743	41,763	52,354	43,997	451	443	555	479
District of Columbia	7,703	8,296	8,688	5,367	65	70	90	49
Virginia	43,430	47,033	50,687	34,154	454	522	557	389
West Virginia	2,309	2,405	2,518	2,448	29	30	34	30
North Carolina	15,667	18,221	20,689	19,167	172	197	237	227
South Carolina	6,283	7,531	8,273	7,329	61	86	90	82
Georgia	35,540	32,712	32,354	27,079	318	326	342	288
Florida	67,566	72,881	72,284	64,267	744	788	805	723
East South Central	**56,557**	**58,865**	**61,318**	**46,439**	**545**	**598**	**633**	**489**
Kentucky	12,453	15,575	17,322	10,306	139	173	186	120
Tennessee	18,829	20,547	22,257	18,630	160	185	208	176
Alabama	19,147	16,530	15,844	12,119	188	179	178	138
Mississippi	6,128	6,213	5,895	5,384	58	60	61	55
West South Central	**126,169**	**117,538**	**104,904**	**85,444**	**1,324**	**1,293**	**1,232**	**1,041**
Arkansas	7,045	7,379	8,478	5,597	79	85	95	69
Louisiana	15,629	17,052	18,676	15,554	204	213	230	207
Oklahoma	15,544	14,211	13,097	9,018	177	168	159	113
Texas	87,951	78,896	64,653	55,275	865	827	748	652
Mountain	**75,731**	**55,334**	**44,204**	**33,217**	**814**	**629**	**543**	**410**
Montana	1,737	1,460	1,760	1,307	21	18	21	14
Idaho	1,831	1,716	1,842	1,423	24	22	24	20
Wyoming	1,067	1,276	758	422	13	15	10	6
Colorado	18,118	17,058	16,001	13,144	208	199	190	156
New Mexico	6,989	5,715	4,377	2,693	77	68	58	39
Arizona	22,696	15,862	9,390	8,321	174	137	97	93
Utah	8,649	6,210	5,489	4,000	99	81	71	51
Nevada	14,644	6,037	4,587	1,907	198	89	73	32
Pacific	**351,859**	**303,547**	**229,345**	**149,292**	**4,199**	**3,892**	**3,285**	**2,347**
Washington	23,539	19,661	21,620	26,408	304	257	293	360
Oregon	13,918	14,367	14,200	12,391	153	170	168	154
California	305,524	260,197	180,197	99,083	3,636	3,349	2,652	1,663
Alaska	886	992	1,157	701	14	15	19	14
Hawaii	7,992	8,330	12,171	10,709	93	100	152	156

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, series C42, annual issues.

No. 1080. New Housing Units Authorized—Number and Valuation, Selected SMSA's: 1963 to 1966

[Covers only permit-issuing places within standard metropolitan statistical areas (SMSA's); for definition, see text, p. 2. Includes public housing contract awards. Based on a U.S. total of approximately 12,000 places identified in 1962 as having local building permit systems]

Area	Number of housing units				Valuation (mil. dol.)			
	1963	1964	1965	1966 (prel.)	1963	1964	1965	1966 (prel.)
U.S., 12,000 place total	**1,364,309**	**1,315,825**	**1,273,794**	**1,000,253**	**15,561**	**15,979**	**15,831**	**13,008**
All SMSA's [1]	1,100,826	1,053,891	1,016,391	795,764	12,559	12,566	12,721	10,433
Central cities	423,895	393,927	357,584	279,547	4,369	4,229	4,008	3,241
62 selected SMSA's	909,945	834,878	769,801	597,262	10,324	9,903	9,711	7,896
Central cities	320,088	277,607	236,551	181,113	3,226	2,904	2,620	2,070
Akron, Ohio [2]	3,273	4,104	4,047	3,883	47	65	60	60
Anaheim-Santa Ana-Garden Grove, Calif.[2]	(X)	26,882	17,698	12,654	(X)	375	319	268
Atlanta, Ga	23,369	20,103	20,694	16,714	201	203	216	174
Baltimore, Md	14,836	15,373	14,872	15,870	163	164	168	166
Birmingham, Ala	4,586	3,340	4,051	3,658	45	38	49	43
Boston, Mass.[2]	14,215	20,296	14,110	10,639	166	204	171	148
Buffalo, N.Y	4,363	5,184	6,109	5,354	54	64	75	70
Chicago, Ill	39,999	38,262	41,626	39,600	523	531	596	607
Cincinnati, Ohio-Ky.-Ind.[2]	8,468	8,918	8,653	7,403	108	107	105	95
Cleveland, Ohio [2]	16,204	13,138	12,302	8,680	208	190	197	148
Columbus, Ohio [2]	10,590	8,114	8,354	6,360	120	26	111	92
Dallas, Tex	23,771	18,256	13,942	11,813	209	178	156	136
Dayton, Ohio [2]	7,397	8,809	8,139	5,970	89	105	101	85
Denver, Colo	12,098	9,594	8,368	8,970	140	115	102	108
Detroit, Mich	21,736	26,130	30,863	24,135	288	372	447	355
Fort Lauderdale-Hollywood, Fla	10,216	11,603	11,895	11,278	119	142	150	151
Fort Worth, Tex	5,860	7,240	6,073	4,557	58	69	66	52
Hartford, Conn.[2]	5,223	6,943	5,748	4,111	52	67	63	51
Honolulu, Hawaii	6,818	7,279	10,805	9,307	80	87	135	138
Houston, Tex	21,896	15,952	13,235	12,506	201	166	149	145
Indianapolis, Ind.[2]	6,940	8,046	9,480	9,039	68	85	96	92
Jacksonville, Fla	3,625	4,357	3,332	3,260	25	28	24	22
Kansas City, Mo.-Kans.[2]	9,133	12,295	12,004	9,377	109	160	148	119
Las Vegas, Nev	11,146	2,813	1,623	786	155	46	24	13
Los Angeles-Long Beach, Calif.[2]	141,499	89,019	52,011	20,973	1,709	1,152	771	376
Louisville, Ky.-Ind	6,277	7,786	9,102	4,689	68	80	84	50
Memphis, Tenn.-Ark.[2]	7,247	6,417	7,557	6,444	49	54	54	50
Miami, Fla	10,282	13,283	17,014	14,149	105	130	172	140
Milwaukee, Wis.[2]	7,172	9,502	9,382	6,730	85	121	118	89
Minneapolis-St. Paul, Minn	16,230	16,996	15,248	10,108	202	228	204	151
Nashville, Tenn.[2]	3,645	5,076	4,652	4,273	29	39	37	33
New Orleans, La.[2]	9,497	10,202	11,027	8,816	131	136	140	121
New York, N.Y	76,578	46,383	53,854	44,973	870	585	705	597
Newark, N.J	11,282	16,536	11,994	10,161	129	164	153	133
Newport News-Hampton, Va	3,669	4,467	4,067	2,292	40	43	38	22
Norfolk-Portsmouth, Va	6,272	8,116	6,412	3,654	73	97	80	48
Oklahoma City, Okla	9,561	8,299	6,867	4,007	114	101	88	53
Omaha, Nebr.-Iowa	3,845	4,005	4,838	2,870	37	38	42	28
Orlando, Fla	3,561	3,696	4,265	3,505	43	41	44	38
Paterson-Clifton-Passaic, N.J	9,255	9,291	8,376	7,180	116	118	111	94
Philadelphia, Pa.-N.J	25,561	29,045	30,033	27,001	266	285	305	274
Phoenix, Ariz	15,022	11,176	5,925	6,146	112	92	59	65
Pittsburgh, Pa	7,790	7,922	9,441	8,193	106	110	129	116
Portland, Oreg.-Wash	7,445	8,416	7,904	7,414	95	107	97	95
Providence-Pawtucket-Warwick, R.I.-Mass.[2]	4,506	5,356	6,219	4,818	51	61	70	58
Rochester, N.Y.[2]	5,332	6,119	7,370	5,784	71	90	111	96
Sacramento, Calif.[2]	12,349	9,127	7,600	4,922	120	107	101	71
St. Louis, Mo.-Ill.[2]	15,317	18,888	18,866	14,297	174	211	236	205
Salt Lake City, Utah [2]	5,677	4,314	3,484	2,063	61	58	46	27
San Antonio, Tex.[2]	4,968	5,089	4,321	4,439	41	43	39	44
San Bernardino-Riverside-Ontario, Calif	24,849	22,018	11,995	5,818	274	236	139	80
San Diego, Calif	12,770	13,906	9,471	7,436	164	176	134	110
San Francisco-Oakland, Calif.[2]	42,502	38,277	31,071	14,707	525	526	485	265
San Jose, Calif	21,376	14,731	10,414	6,709	248	195	164	120
Santa Barbara, Calif	6,448	2,988	3,338	1,591	83	42	39	28
Seattle-Everett, Wash.[2]	13,849	9,121	9,620	15,636	191	130	147	224
Syracuse, N.Y	3,045	3,081	3,498	4,244	35	34	39	49
Tacoma, Wash	3,086	2,886	3,077	2,735	36	36	38	36
Tampa-St. Petersburg, Fla	9,235	9,303	8,347	7,663	105	103	94	82
Tucson, Ariz	5,895	3,150	1,954	1,437	48	31	23	20
Washington, D.C.-Md.-Va	46,230	42,691	55,878	39,194	429	449	584	419
West Palm Beach, Fla	5,059	5,169	5,286	4,267	64	67	64	53

X Not applicable. [1] Includes 212 SMSA's established for 1963, 219 for 1964, 224 for 1965, and 228 for 1966.
[2] Year-to-year data not entirely comparable because of changes in area components.

Source: Dept. of Commerce, Bureau of the Census, *Construction Reports*, series C42, annual issues.

No. 1081. New Housing Units Started, by Type of Ownership: 1945 to 1966

[In thousands of units. Excludes farm housing]

YEAR	Total	Private	Public	YEAR	Total	Private	Public
1945	326	325	1	1962	1,469	1,439	30
1950	1,952	1,908	44	1963	1,613	1,582	32
1955	1,646	1,627	19	1964	1,564	1,530	33
1960	1,274	1,230	44	1965	1,520	1,483	38
1961	1,337	1,285	52	1966	1,229	1,197	32

Source: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20 and *Housing Construction Statistics, 1889 to 1964*.

No. 1082. New Housing Units Started—Selected Characteristics: 1960 to 1966

[In thousands]

CHARACTERISTIC	ALL UNITS				NONFARM UNITS			
	1960	1964	1965 (prel.)	1966 (prel.)	1960	1964	1965 (prel.)	1966 (prel.)
Total	**1,296**	**1,591**	**1,542**	**1,252**	**1,274**	**1,564**	**1,520**	**1,229**
By type of program:								
Privately owned	1,252	1,557	1,505	1,220	1,230	1,530	1,483	1,197
With FHA aid	261	205	197	158	261	205	197	158
With VA aid	75	59	52	40	75	59	52	40
Publicly owned	44	33	38	32	44	33	38	32
In structures with—								
1 unit	1,009	973	964	795	987	946	941	771
2 units	51	62	57	46	51	62	57	46
3 units or more	237	556	522	411	237	556	522	411
By area: [1]								
Inside SMSA's	889	1,118	1,068	852	888	1,118	1,068	851
Outside SMSA's	407	472	475	400	386	446	453	378
By region: [2]								
Northeast	237	267	290	221	236	267	290	221
North Central	304	351	377	314	300	344	372	307
South	441	602	595	505	425	583	578	490
West	314	370	281	211	314	370	281	211

[1] For definition of standard metropolitan statistical area (SMSA), see text, p. 2. 1960 based on 1959 definitions; 1964 to 1966, on 1964 revision. [2] For composition of regions, see fig. I, p. xii.

No. 1083. New Housing Units Started—Number and Construction Cost: 1960 to 1967

YEAR AND MONTH	NUMBER (1,000)				COST (mil. dol.)				AVERAGE COST PER UNIT			
	Total	Privately-owned		Publicly-owned	Total	Privately-owned		Publicly-owned	Total	Privately-owned		Publicly-owned
		Total	1-unit structures			Total	1-unit structures			Total	1-unit structures	
TOTAL												
1960	1,296	1,252	995	44	16,357	15,831	13,647	528	12,625	12,650	13,725	12,025
1961	1,365	1,313	975	52	17,085	16,476	13,470	609	12,525	12,550	13,825	11,725
1962	1,492	1,463	992	30	18,720	18,373	14,194	347	12,550	12,550	14,325	11,700
1963	1,641	1,609	1,021	32	20,723	20,345	15,148	378	12,625	12,650	14,850	11,875
1964	1,591	1,557	972	33	20,787	20,375	14,997	412	13,075	13,075	15,425	12,400
1965 [1]	1,543	1,505	962	38	20,945	20,472	15,526	473	13,575	13,600	16,125	12,550
1966 [1]	1,252	1,220	794	32	17,915	17,516	13,399	400	14,300	14,350	16,875	12,600
1967:												
Jan	68	65	40	3	925	891	666	34	13,675	13,700	16,550	13,000
Feb	66	64	40	2	947	922	671	24	14,375	14,400	16,700	13,850
Mar. [1]	97	95	65	2	1,411	1,393	1,120	18	14,625	14,650	17,175	12,225
Apr. [1]	117	114	80	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
NONFARM												
1960	1,274	1,230	973	44	16,124	15,596	13,411	528	12,650	12,675	13,800	12,025
1961	1,337	1,285	946	52	16,740	16,132	13,126	609	12,525	12,550	13,875	11,725
1962	1,469	1,439	968	30	18,400	18,053	13,874	347	12,525	12,550	14,325	11,700
1963	1,613	1,582	993	32	20,358	19,980	14,783	378	12,625	12,625	14,875	11,875
1964	1,564	1,530	944	33	20,513	20,101	14,723	412	13,125	13,125	15,600	12,400
1965 [1]	1,520	1,483	941	38	20,694	20,221	15,273	473	13,625	13,650	16,250	12,550
1966 [1]	1,229	1,197	770	32	17,609	17,209	13,094	400	14,325	14,375	17,000	12,600
1967:												
Jan	66	64	39	3	909	875	651	34	13,700	13,750	16,725	13,000
Feb	65	63	39	2	937	913	661	24	14,475	14,500	16,950	13,850
Mar. [1]	94	93	63	2	1,380	1,362	1,090	18	14,650	14,675	17,300	12,225
Apr. [1]	115	113	78	2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Preliminary.

Source of tables 1082 and 1083: Dept. of Commerce, Bureau of the Census; *Construction Reports*, Series C20. Includes data from Federal Housing Administration and Veterans Administration.

No. 1084. One-Family Homes, FHA-Insured Mortgages—Percent Distribution by Value and Mortgage Characteristics: 1950 to 1966

ITEM	NEW HOMES				EXISTING HOMES			
	1950	1960	1965	1966	1950	1960	1965	1966
FHA estimate of value:								
Less than $10,000	79.5	2.7	1.0	0.7	64.9	17.0	8.9	9.3
$10,000 to $14,999	19.1	53.2	30.0	24.4	29.9	53.3	39.7	39.3
$15,000 to $19,999	1.2	37.5	48.9	49.9	4.5	24.8	37.9	36.7
$20,000 and over	0.2	6.6	20.1	25.0	0.7	4.9	13.5	14.7
Amount of mortgage:								
Less than $10,000	96.3	6.1	2.1	1.3	89.8	25.9	12.7	12.6
$10,000 to $14,999	3.5	65.6	39.7	33.4	9.5	57.2	45.7	44.2
$15,000 to $19,999	0.2	26.9	45.5	48.4	0.7	15.7	34.1	34.2
$20,000 and over	-	1.4	12.7	16.9	-	1.2	7.5	9.0
Ratio of loan to value:								
80 percent or less	16.0	6.3	4.1	3.8	83.2	7.6	3.4	3.2
81 to 90	68.0	22.0	15.7	16.1	14.2	32.7	19.5	17.6
91 to 95	16.0	42.9	46.0	47.7	2.6	30.9	39.3	39.4
96 to 97	-	28.8	34.2	28.1	-	28.8	37.8	32.5
98 and over	-	-	-	4.3	-	-	-	7.3
Term of mortgage:								
10, 15, or 20 years	(NA)	1.8	0.5	0.4	(NA)	18.8	6.1	7.0
25 years	(NA)	12.1	3.0	2.5	(NA)	43.6	16.9	17.3
30 years	(NA)	86.1	59.2	88.6	(NA)	37.6	74.9	75.6
35 years	(NA)	-	37.3	8.5	(NA)	-	2.1	0.1
Monthly mortgage payment:								
Less than $100	99.2	42.3	28.1	18.7	96.4	55.9	35.9	32.6
$100 to $119	0.6	35.5	30.8	27.9	2.5	25.3	26.3	24.9
$120 to $139	0.2	16.1	21.6	25.1	1.1	12.5	20.8	21.0
$140 and over		6.1	19.5	28.3		6.3	17.0	21.5

- Represents zero. NA Not available.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

No. 1085. One-Family Homes, FHA-Insured Mortgages—Medians for Selected Items of Value and Cost: 1950 to 1966

[**In dollars, except ratios.** For definition of median, see headnote, table 8]

ITEM	NEW HOMES				EXISTING HOMES			
	1950	1960	1965	1966	1950	1960	1965	1966
FHA estimate of value	8,286	14,607	16,561	17,163	8,865	13,043	15,128	15,148
Acquisition cost	(NA)	14,606	16,523	17,173	(NA)	13,227	15,114	15,127
Sale price	(NA)	14,324	16,190	16,798	(NA)	12,975	14,733	14,793
Incidental costs	(NA)	286.05	376.20	393.88	(NA)	275.45	321.50	333.16
Ratio: Value/acquisition cost	(NA)	99.2	99.7	99.9	(NA)	98.1	99.5	99.7
Mortgage amount	7,101	13,569	15,574	16,140	6,801	11,978	14,232	14,322
Ratio: Mortgage/value	88.0	93.5	94.3	95.0	77.8	92.6	94.4	95.2
Price of site	(NA)	2,404	3,137	3,234	(NA)	2,285	2,955	2,949
Ratio: Site/value	(NA)	16.1	18.3	18.2	(NA)	16.8	19.0	19.0
Monthly housing expense [1]	75.41	128.98	144.32	155.08	78.99	121.41	140.90	145.72

NA Not available.

[1] Comprises mortgage payment for first year, estimated heating and utilities cost, and estimated upkeep.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

No. 1086. One-Family Homes, FHA-Insured Mortgages—Selected Average Value and Payment Characteristics, by Property Value: 1966

[In dollars, except as indicated]

Characteristic	Total	FHA estimate of property value: Less than $8,000	$8,000 to $9,999	$10,000 to $11,999	$12,000 to $13,999	$14,000 to $15,999	$16,000 to $17,999	$18,000 to $19,999	$20,000 to $21,999	$22,000 to $24,999	$25,000 to $29,999	$30,000 or more
NEW HOMES												
Value characteristics:												
FHA estimate of value	17,974	7,775	9,293	11,201	13,123	15,016	16,972	18,876	20,928	23,319	26,937	32,433
Replacement cost (FHA estimate)	18,338	7,886	9,677	11,626	13,424	15,333	17,387	19,305	21,378	23,716	27,195	32,358
Acquisition cost	18,002	7,700	9,335	11,254	13,156	15,007	16,981	18,900	20,956	23,444	27,058	31,806
Calculated area ... square feet	1,210	700	841	955	999	1,073	1,191	1,320	1,423	1,510	1,586	1,661
Payment characteristics:												
Total fixed obligations	254.04	91.80	129.56	173.29	201.53	221.57	245.38	268.77	289.88	313.25	342.09	405.44
Housing expense	159.74	71.60	84.04	104.07	120.15	136.22	153.27	169.48	186.02	203.40	227.92	263.25
Mortgage payment	126.41	50.00	61.68	78.49	92.61	106.87	120.90	134.27	147.93	163.08	185.50	216.54
Debt service [1]	101.16	45.20	54.04	65.43	76.25	86.82	97.02	106.92	117.52	128.23	144.36	166.69
Hazard insurance	4.00	2.60	2.43	3.08	3.28	3.70	3.92	4.08	4.15	4.49	5.02	7.69
Real estate taxes	21.25	2.20	5.21	9.98	13.08	16.35	19.96	23.27	26.26	30.36	36.12	42.16
Maintenance and repair	9.66	5.00	6.02	7.04	7.53	7.98	9.05	10.29	11.63	12.60	13.83	15.07
Heating and utilities	23.67	16.60	16.34	18.54	20.01	21.37	23.32	24.92	26.46	27.72	28.59	31.64
Other recurring charges [2]	94.30	20.20	45.52	69.22	81.38	85.35	92.11	99.29	103.86	109.85	114.17	142.19
EXISTING HOMES												
Value characteristics:												
FHA estimate of value	15,531	7,160	9,076	11,023	13,011	14,968	16,931	18,839	20,902	23,237	26,872	32,824
Replacement cost (FHA estimate)	17,632	10,632	12,038	13,535	15,205	16,855	18,742	20,749	22,645	25,003	28,655	34,497
Acquisition cost	15,501	7,179	9,076	11,023	13,029	15,006	16,967	18,871	20,998	23,285	26,785	31,914
Calculated area ... square feet	1,131	830	912	981	1,043	1,099	1,177	1,258	1,360	1,441	1,560	1,743
Payment characteristics:												
Total fixed obligations	243.50	158.83	180.95	199.75	219.15	237.07	258.18	277.91	298.43	320.38	354.49	408.75
Housing expense	148.70	87.15	99.57	113.97	129.06	144.59	160.43	175.66	192.56	207.98	232.86	269.84
Mortgage payment	116.29	60.07	71.75	84.97	99.03	113.43	127.30	140.62	154.55	167.95	189.10	221.52
Debt service [1]	90.16	47.09	56.66	66.85	77.72	88.24	98.21	107.96	118.22	128.79	145.00	168.19
Hazard insurance	3.60	2.71	2.94	3.20	3.32	3.53	3.70	3.80	4.08	4.40	4.98	8.11
Real estate taxes	22.53	10.27	12.15	14.92	17.99	21.66	25.39	28.86	32.25	34.76	39.12	45.22
Maintenance and repair	8.98	7.44	7.44	7.80	8.12	8.42	8.99	9.94	11.11	11.87	13.64	15.60
Heating and utilities	23.43	19.64	20.38	21.20	21.91	22.74	24.14	25.10	26.90	28.16	30.12	32.72
Other recurring charges [2]	94.80	71.68	81.38	85.78	90.09	92.48	97.75	102.25	105.87	112.40	121.63	138.91

[1] Comprises payments for first year to principal and interest, FHA mortgage insurance premium.

[2] Comprises payments to State income tax, life insurance premiums, compulsory payments to retirement funds, installment credit payments, etc., when likely to become a factor in determining the adequacy of the mortgager's income to meet mortgage and home upkeep requirements.

Source: Dept. of Housing and Urban Development, Federal Housing Administration; unpublished data.

No. 1087. New Private Nonfarm One-Family Houses Sold or for Sale: 1964 to 1967

[Based on monthly interviews with builders or owners of a national probability sample of 1-family homes for which building permits have been issued or, in nonpermit areas, on which construction has started. For details, see source. For definition of median, see headnote, table 8]

Type of financing and period	Number of homes (1,000)					Median sales price (dollars)	Median number of months from start of construction to sale
	Total [1]	Sales price					
		Under $15,000	$15,000 to $19,999	$20,000 to $24,999	$25,000 and over		
Homes sold							
Total: [2]							
1964	565	131	176	107	125	18,900	(NA)
1965	575	115	160	121	156	20,000	(NA)
1966	461	62	127	90	150	21,400	(NA)
Jan.–Mar.	139	21	40	29	45	21,000	3.9
1967, Jan.–Mar. (prel.)	103	12	22	20	31	22,100	3.9
FHA-insured:							
1964	120	51	48	14	5	15,600	(NA)
1965	134	47	56	22	8	16,500	(NA)
1966	85	23	37	15	9	17,500	(NA)
Jan.–Mar.	32	9	14	6	3	17,300	4.0
1967, Jan.–Mar. (prel.)	17	5	7	4	2	17,200	2.8
VA guaranteed:							
1964	53	20	22	8	2	16,200	(NA)
1965	40	10	16	9	4	17,900	(NA)
1966	50	10	22	12	5	18,000	(NA)
Jan.–Mar.	11	2	4	3	2	18,900	3.6
1967, Jan.–Mar. (prel.)	12	3	5	3	1	17,800	3.0
Conventional mortgage:							
1964	334	49	92	77	105	21,300	(NA)
1965	339	48	76	80	128	22,700	(NA)
1966	264	24	56	55	122	24,400	(NA)
Jan.–Mar.	81	7	19	17	37	23,900	4.0
1967, Jan.–Mar. (prel.)	47	3	8	12	24	25,300	5.0
Homes for sale [3]							
1963, Dec. 31	258	53	60	36	44	18,700	4.4
1964, Dec. 31	244	50	60	43	56	19,600	5.3
1965, Dec. 31	221	31	54	37	67	21,300	4.5
1966, Mar. 31	219	28	54	37	69	21,600	5.0
June 30	208	23	49	35	67	22,100	4.7
Sept. 30	195	21	42	34	67	22,700	5.5
Dec. 31	191	20	42	33	69	22,800	6.1
1967, Mar. 31	185	18	43	31	64	22,400	5.9

NA Not available. [1] Totals include homes with price data not reported.
[2] Includes homes with cash and related types of financing reported, and homes with type of financing not reported.
[3] Data refer to intended sales price and to median number of months from start of construction to end of quarter.

Source: Dept. of Commerce, Bureau of the Census, and Dept. of Housing and Urban Development, Office for Demonstrations and Intergovernmental Relations; *Construction Reports*, Series C25 (a joint publication).

No. 1088. Mobile Homes and Travel Trailers—Manufacturers' Shipments: 1960 to 1967

[A mobile home, or housing-type trailer, is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. Mobile homes are defined as units 29 feet or longer and weighing over 4,500 pounds; travel trailers, as units less than 29 feet long, regardless of weight, or weighing less than 4,500 pounds, regardless of length. Excludes units designed for commercial uses, pickup cabs, folding campers, and amphibious units]

Year and month	Total	Mobile homes	Travel trailers	Mobile homes as percent of total shipments
1960	144,000	103,700	40,300	72.0
1961	130,700	90,200	40,500	69.0
1962	175,000	118,000	57,000	67.4
1963	223,010	150,840	72,170	67.6
1964	281,690	191,320	90,370	67.9
1965	324,050	216,470	107,580	66.8
1966	340,000	217,300	122,700	63.9
1967:				
January	16,550	12,250	4,300	74.0
February	22,950	14,450	8,500	63.0
March	33,540	18,440	15,100	55.0
April	35,950	19,450	16,500	54.1

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

No. 1089. Vacancy Rates—Regions, and Inside and Outside Standard Metropolitan Statistical Areas: 1960 to 1967

[**In percent.** Based on Current Population Survey; see text, p. 1. Rental rate is relationship between vacant housing for rent and the total rental supply, which comprises renter-occupied units, vacant units already rented and awaiting occupancy, and vacant units available for rent. Home-owner rate is relationship between vacant housing for sale and the total home-owner supply, which comprises owner-occupied units, vacant units already sold and awaiting occupancy, and vacant units available for sale. For composition of regions, see fig. I, p. xii; for definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

RATE AND YEAR	United States	REGIONS				Inside SMSA's	Outside SMSA's
		North-east	North Central	South	West		
Rental vacancy rate:							
1960, April	6.7	4.2	6.7	8.0	8.8	6.4	7.3
1965, 1st quarter	7.7	5.5	7.2	8.2	10.6	7.7	7.6
1966, 1st quarter	7.5	4.9	6.4	8.7	10.7	7.0	8.5
1967, 1st quarter	6.6	5.0	5.3	6.9	10.0	6.2	7.6
Home-owner vacancy rate:							
1960, April	1.6	1.2	1.3	1.8	2.0	1.7	1.3
1965, 1st quarter	1.5	0.9	1.2	1.9	1.9	1.5	1.5
1966, 1st quarter	1.4	0.8	1.0	1.8	2.1	1.4	1.4
1967, 1st quarter	1.3	0.9	1.0	1.7	1.8	1.2	1.4

No. 1090. Vacant Housing Units—Condition and Status, Inside and Outside Standard Metropolitan Statistical Areas: 1960 to 1967

[**Percent distribution.** See headnote, table 1089. For definition of standard metropolitan statistical areas, see text, p. 2; covers 212 SMSA's as constituted in 1960]

CONDITION AND STATUS	TOTAL				INSIDE SMSA'S			OUTSIDE SMSA'S		
	April 1960	1st qtr. 1965	1st qtr. 1966	1st qtr. 1967	April 1960	1st qtr. 1966	1st qtr. 1967	April 1960	1st qtr. 1966	1st qtr. 1967
All housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Year-round vacant:										
Sound or deteriorating	5.2	6.9	7.1	6.9	4.9	6.4	6.0	5.8	8.3	8.5
For rent	2.5	2.8	2.7	2.3	2.6	2.8	2.4	2.2	2.4	2.1
For sale only	0.9	0.8	0.8	0.8	1.0	0.8	0.7	0.8	0.8	0.9
Rented or sold, awaiting occupancy	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.4
Held off market	1.5	2.9	3.2	3.4	0.9	2.3	2.4	2.4	4.8	5.1
Dilapidated	0.9	0.7	0.7	0.7	0.5	0.5	0.4	1.5	1.1	1.2
Seasonal vacant	3.0	3.1	2.9	2.7	1.2	1.0	0.9	6.0	6.1	5.9
Occupied	90.9	89.3	89.3	89.7	93.4	92.1	92.7	86.7	84.5	84.4

No. 1091. Available Vacant Housing Units—Selected Characteristics: 1965 to 1967

[**Percent distribution.** First quarter figures. See headnote, table 1089. For definition of median, see headnote, table 8]

ITEM	1965	1966	1967	ITEM	1965	1966	1967
RENTAL UNITS				HOMEOWNER UNITS			
Units in structure	100	100	100	**Units in structure**	100	100	100
1 housing unit	28	30	31	1 housing unit	92	87	89
2 to 4 housing units	32	31	33	2 housing units	5	8	6
5 housing units or more	40	39	36	3 housing units or more	3	5	5
Duration of vacancy	100	100	100	**Duration of vacancy**	100	100	100
Less than 1 month	28	28	28	Less than 1 month	13	11	11
1 up to 2 months	14	14	13	1 up to 2 months	10	7	9
2 up to 4 months	18	18	17	2 up to 4 months	16	18	17
4 months or more	40	40	42	4 months or more	61	64	63
Year built	100	100	100	**Year built**	100	100	100
1949 or earlier	69	69	69	1949 or earlier	45	46	46
1950 to 1959	13	13	13	1950 to 1959	22	23	22
1960 or later	18	18	18	1960 or later	33	31	32
Percent with all plumbing facilities	77	79	81	Percent with all plumbing facilities	90	92	91
Median number of rooms	3.5	3.4	3.5	Median number of rooms	5.4	5.3	5.5
Median monthly rent asked	$63	$66	$67	Median sale price asked	$12,900	$13,300	$14,100

Source of tables 1089–1091: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111.

No. 1092. Vacant Rental Housing Units—Selected Characteristics: 1965 and 1966

[**Percent distribution.** Second quarter figures. Excludes all available-for-rent vacant units on places of 10 acres or more in rural areas. See headnote, table 1089]

Characteristic	Monthly rent asked, 1965						Monthly rent asked, 1966					
	Total	Less than $30	$30 to $49	$50 to $69	$70 to $99	$100 or more	Total	Less than $30	$30 to $49	$50 to $69	$70 to $99	$100 or more
Percent of total	**100**	**10**	**20**	**23**	**22**	**25**	**100**	**10**	**20**	**24**	**24**	**22**
Rooms in unit	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
1 and 2 rooms	24	45	39	24	15	13	23	41	40	21	16	10
3 and 4 rooms	56	43	44	59	62	61	56	48	43	58	63	61
5 rooms or more	20	12	17	17	23	26	21	11	17	21	21	29
Housing units in structure	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
1 housing unit	25	51	30	23	22	16	26	50	29	27	19	20
2 to 4 housing units	33	25	30	46	41	18	33	23	36	47	38	17
5 housing units or more	42	24	40	31	37	66	41	27	35	26	43	63
Duration of vacancy	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Less than 1 month	32	21	29	35	40	32	36	25	29	36	40	42
1 up to 2 months	13	11	9	14	16	14	15	6	12	16	14	20
2 up to 4 months	15	11	12	14	14	19	15	10	14	16	15	16
4 months or more	40	57	50	36	30	35	34	59	45	32	31	22
Year built	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
1949 or earlier	65	88	92	86	62	19	67	73	93	87	64	22
1950 to 1959	13	11	7	11	19	14	14	20	6	10	19	19
1960 or later	22	1	1	3	19	67	19	7	1	3	17	59
Percent with all plumbing facilities	**82**	**24**	**60**	**90**	**98**	**100**	**82**	**30**	**62**	**91**	**94**	**100**

Source: Dept. of Commerce, Bureau of the Census; *Current Housing Reports*, Series H-111, Nos. 41 and 45.

No. 1093. Low-Rent Dwelling Units Supervised by the Housing Assistance Administration: 1950 to 1966

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

Item	1950 [1]	1955 [1]	1960		1965		1966		
			Total	Senior citizens [2]	Total	Senior citizens [2]	Total	Locally owned	Senior citizens [2]
Total	**302,146**	**489,744**	**593,286**	**18,912**	**735,716**	**97,745**	**778,237**	**778,157**	**118,967**
CONSTRUCTION STATUS									
Under management	201,736	413,558	478,153	1,133	604,878	36,157	635,879	635,799	52,217
Under construction	31,507	21,059	36,360	4,066	42,419	21,560	45,644	45,644	25,280
Not yet under construction	68,903	55,127	78,773	13,713	88,419	40,028	96,714	96,714	41,470
PROGRAM									
Public Law 171 [3]	101,657	270,335	385,924	18,912	532,991	97,745	576,581	576,581	118,967
Public Law 412 [4]	118,649	117,049	114,170	(X)	113,512	(X)	113,210	113,210	(X)
Public Law 671, 1940 [5]	50,594	49,356	46,843	(X)	46,547	(X)	46,543	46,543	(X)
Public Works Administration [6]	21,640	21,360	21,063	(X)	20,309	(X)	19,953	19,873	(X)
Farm labor camps [7]	9,606	9,037	583	(X)	–	(X)	–	–	(X)
Public Law 475, 1950 [8]	(X)	22,607	24,703	(X)	22,357	(X)	21,950	21,950	(X)

– Represents zero. X Not applicable.

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

[2] Covers units designed specifically for persons 62 years old or over or disabled.

[3] Housing Act of 1949. [4] U.S. Housing Act of 1937.

[5] Built for World War II defense workers, but majority converted to low-rent use in 1946.

[6] Built in mid-1930's and brought into low-rent program by Executive order.

[7] Built by Dept. of Agriculture for migrant farm workers; conveyed to HAA for low-rent use under terms of the Housing Act of 1950.

[8] Lanham Act permanent housing conveyed to local housing authorities for low-rent use during 1952 to 1957.

Source: Dept. of Housing and Urban Development, Housing Assistance Administration; *Annual Report*, and unpublished data.

No. 1094. Occupied Housing Units—Tenure, and Population Per Occupied Unit, by Color of Household Head, and by Nonfarm and Farm Residence: 1890 to 1960

[**In thousands, except percent.** Excludes Alaska and Hawaii, except as noted. Tenure allocated for housing units which did not report. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1957*, series N 139–146]

Year, color, and residence	Occupied units [1]					Percent increase over preceding census		Population per occupied unit [2]
	Total	Owner occupied		Renter occupied				
		Number	Percent	Number	Percent	Total occupied units	Total population	
Total								
1890	12,690	6,066	47.8	6,624	52.2	(NA)	(NA)	5.0
1900	15,964	7,455	46.7	8,509	53.3	25.8	20.7	4.8
1910	20,256	9,301	45.9	10,954	54.1	26.9	21.0	4.5
1920	24,352	11,114	45.6	13,238	54.4	20.2	14.9	4.3
1930	29,905	14,280	47.8	15,624	52.2	22.8	16.1	4.1
1940	34,855	15,196	43.6	19,659	56.4	16.6	7.2	3.8
1950	42,826	23,560	55.0	19,266	45.0	22.9	14.5	3.5
1960	52,814	32,706	61.9	20,107	38.1	23.3	18.4	3.4
1960 [3]	53,024	32,797	61.9	20,227	38.1	23.4	18.5	3.4
Color								
White								
1890	11,255	5,794	51.5	5,462	48.5	(NA)	(NA)	4.9
1900	14,064	7,007	49.8	7,057	50.2	25.0	21.2	4.8
1910	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	22.3	(NA)
1920	21,826	10,511	48.2	11,315	51.8	(NA)	16.0	4.3
1930	26,983	13,544	50.2	13,439	49.8	23.6	16.3	4.1
1940	31,561	14,418	45.7	17,143	54.3	17.0	7.2	3.7
1950	39,044	22,241	57.0	16,803	43.0	23.7	14.1	3.5
1960	47,777	30,783	64.4	16,994	35.6	22.4	17.4	3.3
1960 [3]	47,880	30,823	64.4	17,057	35.6	22.5	17.5	3.3
Nonwhite								
1890	1,435	273	19.0	1,162	81.0	(NA)	(NA)	5.5
1900	1,900	448	23.6	1,452	76.4	32.4	17.1	4.8
1910	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11.5	(NA)
1920	2,526	603	23.9	1,923	76.1	(NA)	6.3	4.3
1930	2,922	737	25.2	2,185	74.8	15.7	14.7	4.3
1940	3,293	778	23.6	2,516	76.4	12.7	7.7	4.1
1950	3,783	1,319	34.9	2,464	65.1	14.9	17.1	4.2
1960	5,037	1,923	38.2	3,114	61.8	33.1	27.0	4.0
1960 [3]	5,144	1,974	38.4	3,171	61.6	33.0	26.7	4.0
Residence								
Nonfarm								
1890	7,923	2,924	36.9	4,999	63.1	(NA)	(NA)	(NA)
1900	10,274	3,790	36.9	6,484	63.1	29.7	(NA)	(NA)
1910	14,132	5,454	38.6	8,678	61.4	37.5	(NA)	(NA)
1920	17,600	7,189	40.8	10,411	59.2	24.5	(NA)	4.2
1930	23,300	10,721	46.0	12,579	54.0	32.4	25.0	4.0
1940	27,748	11,413	41.1	16,335	58.9	19.1	9.5	3.7
1950	37,105	19,802	53.4	17,304	46.6	33.7	25.8	3.4
1960 [3] [4]	*49,458*	*30,164*	*61.0*	*19,294*	*39.0*	*33.3*	*30.0*	*3.4*
Farm [5]								
1890	4,767	3,143	65.9	1,624	34.1	(NA)	(NA)	(NA)
1900	5,690	3,665	64.4	2,025	35.6	19.4	(NA)	(NA)
1910	6,124	3,847	62.8	2,276	37.2	7.6	(NA)	(NA)
1920	6,751	3,925	58.1	2,827	41.9	10.2	(NA)	4.7
1930	6,605	3,560	53.9	3,045	46.1	−2.2	−4.6	4.6
1940	7,107	3,783	53.2	3,324	46.8	7.6	0.2	4.3
1950	5,721	3,758	65.7	1,963	34.3	−19.5	−23.7	4.0
1960 [3] [4]	*3,566*	*2,633*	*73.8*	*933*	*26.2*	*−37.7*	*−41.7*	*3.8*

NA Not available.

[1] Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1930 and earlier; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960. For 1890, 1910, and 1920, includes the small number of quasi-families; 1900 and 1930 represent private families only.

[2] Total population, which includes the population in group quarters and quasi-family groups, divided by the number of occupied units. This concept was used for consistency; population counts exclusive of persons in group quarters and quasi-family groups are not available for some of the census years.

[3] Includes Alaska and Hawaii.

[4] Not comparable with data for earlier censuses because of a basic change in definition of farm residence. See text, p. 2.

[5] For 1890 to 1920, "Farm" contains a small proportion of urban-farm families in addition to the rural-farm families.

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, and unpublished data.

No. 1095. Housing Units—Selected Characteristics, by States: 1960

[For definition of median, see headnote, table 8]

STATE	ALL HOUSING UNITS				OCCUPIED HOUSING UNITS					AVAILABLE VACANT HOUSING UNITS, RATE	
	Total (1,000)	Percent— With all plumbing facilities [1]		Percent— Dilapidated or lacking 1 or more plumbing facilities	Total (1,000)	Percent—		Medians		Homeowner vacancy [2]	Rental vacancy [3]
		Sound	Deteriorating			Owner occupied	Occupied by nonwhite	Rooms	Persons		
United States	58,326	74.0	7.8	18.2	53,024	61.9	9.7	4.9	3.0	1.6	6.7
New England	3,522	78.7	7.6	13.7	3,116	59.1	2.3	5.2	3.0	1.4	5.4
Maine	365	61.2	7.2	31.5	280	66.5	0.4	5.4	3.0	1.6	6.8
N.H	224	72.8	8.7	18.4	180	65.1	0.3	5.3	2.9	1.7	6.1
Vt	136	68.4	10.7	20.9	111	66.0	0.1	5.8	3.0	1.5	6.2
Mass	1,691	81.1	8.0	11.0	1,535	55.9	2.3	5.3	3.0	1.2	5.0
R.I	287	78.7	6.6	14.7	257	54.5	2.0	5.1	2.9	1.2	6.6
Conn	819	84.7	6.7	8.6	753	61.9	3.8	5.1	3.1	1.5	5.0
Middle Atlantic	11,277	81.2	8.4	10.4	10,406	55.2	7.7	5.1	2.9	1.2	3.8
N.Y	5,696	81.3	8.9	9.8	5,249	44.8	8.3	4.7	2.8	1.2	3.2
N.J	1,999	85.2	7.0	7.9	1,806	61.3	7.5	5.2	3.1	1.3	3.9
Pa	3,582	78.7	8.5	12.7	3,351	68.3	7.0	5.6	3.0	1.1	5.5
E. N. Central	11,658	77.1	7.8	15.1	10,711	66.7	7.2	5.1	3.0	1.4	6.7
Ohio	3,041	77.6	8.2	14.2	2,853	67.4	7.3	5.3	3.0	1.5	6.6
Ind	1,503	73.0	8.4	18.5	1,388	71.1	5.1	4.9	3.0	1.3	7.0
Ill	3,276	78.0	7.4	14.6	3,085	57.8	9.4	4.9	2.9	1.2	5.6
Mich	2,549	78.6	8.1	13.2	2,239	74.4	8.4	5.3	3.1	1.5	9.7
Wis	1,289	75.0	6.9	18.1	1,146	68.6	1.8	5.3	3.0	1.2	5.4
W.N. Central	5,140	68.6	8.0	23.3	4,668	67.8	3.7	5.0	2.8	1.3	6.7
Minn	1,119	70.4	6.4	23.1	992	72.1	1.0	5.2	3.0	1.1	6.0
Iowa	905	69.8	9.2	21.0	841	69.1	0.9	5.4	2.8	1.0	5.4
Mo	1,491	65.8	7.3	26.9	1,360	64.3	8.2	4.7	2.7	1.6	7.1
N. Dak	195	60.6	5.6	33.8	173	68.4	1.3	5.1	3.3	1.4	5.3
S. Dak	216	61.5	7.6	31.0	195	67.2	2.4	5.2	3.1	1.1	5.6
Nebr	473	72.3	9.1	18.6	433	64.8	2.1	5.1	2.8	1.1	6.0
Kans	740	71.9	10.6	17.5	673	68.9	3.9	5.1	2.8	1.6	9.4
South Atlantic	8,033	67.2	6.4	26.4	7,267	61.0	19.0	4.9	3.1	1.9	7.6
Del	144	80.3	6.5	13.2	129	66.9	12.2	5.7	3.1	1.9	8.5
Md	935	81.4	6.7	11.8	863	64.5	14.3	5.5	3.2	1.8	6.2
D.C	263	84.9	6.4	8.7	252	30.0	44.1	4.0	2.3	1.2	3.8
Va	1,169	66.2	5.6	28.2	1,073	61.3	17.6	5.1	3.2	1.6	6.9
W. Va	574	56.7	9.2	34.1	521	64.3	4.5	5.1	3.2	1.2	7.0
N.C	1,323	57.1	6.4	36.5	1,205	60.1	20.8	4.9	3.3	1.1	6.4
S.C	678	54.3	6.4	39.4	604	57.3	29.3	4.8	3.4	1.3	7.7
Ga	1,170	58.4	6.7	34.9	1,070	56.2	24.6	4.8	3.2	1.6	5.9
Fla	1,777	78.3	5.6	16.1	1,550	67.5	14.5	4.7	2.6	3.5	12.7
E. S. Central	3,606	53.0	6.7	40.3	3,307	61.8	19.5	4.7	3.2	1.3	6.3
Ky	926	53.4	6.0	40.6	852	64.3	7.1	4.8	3.1	1.2	6.0
Tenn	1,084	57.2	7.0	35.8	1,003	63.7	14.7	4.8	3.1	1.5	6.2
Ala	967	53.5	7.1	39.4	884	59.7	25.8	4.8	3.2	1.6	6.8
Miss	629	44.5	6.6	48.9	568	57.7	36.5	4.6	3.2	1.0	4.8
W.S. Central	5,534	64.8	9.3	25.9	4,929	63.7	14.9	4.7	3.0	2.0	9.6
Ark	587	48.2	7.4	44.4	524	61.4	18.6	4.5	2.9	1.4	6.1
La	978	60.9	8.1	31.0	892	59.0	28.4	4.5	3.2	1.8	7.2
Okla	816	66.0	11.2	22.8	735	67.0	8.0	4.7	2.7	1.6	9.6
Tex	3,153	68.8	9.6	21.6	2,778	64.8	11.7	4.7	3.0	2.2	11.1
Mountain	2,227	74.9	9.0	16.1	1,976	65.2	3.8	4.6	3.1	1.8	9.1
Mont	233	68.0	10.1	21.9	202	64.0	2.3	4.5	2.9	1.4	9.3
Idaho	224	72.6	10.9	16.5	194	70.5	1.1	4.7	3.1	1.5	9.5
Wyo	113	71.9	10.5	17.5	99	62.2	1.6	4.5	3.0	1.2	8.0
Colo	595	76.4	8.2	15.4	529	63.8	2.7	4.8	2.9	1.7	8.1
N. Mex	282	69.5	8.2	22.3	251	65.3	5.7	4.5	3.4	1.6	9.2
Ariz	416	76.2	8.4	15.4	367	63.9	7.7	4.5	3.1	2.4	10.8
Utah	263	81.9	10.1	8.0	242	71.7	1.6	4.8	3.4	1.9	8.7
Nev	102	80.9	7.7	11.4	92	56.3	5.7	4.2	2.6	1.7	8.4
Pacific	7,331	83.9	7.6	8.5	6,645	60.2	7.4	4.7	2.7	2.1	8.8
Wash	1,010	78.4	9.8	11.8	894	68.5	2.9	4.9	2.7	1.8	11.8
Oreg	623	76.6	11.1	12.2	558	69.3	1.7	4.9	2.7	1.6	9.2
Calif	5,466	86.5	6.7	6.8	4,982	58.4	7.0	4.7	2.7	2.2	8.5
Alaska	67	57.7	9.3	32.9	57	48.3	16.3	3.7	3.1	1.8	6.8
Hawaii	166	69.6	10.2	20.2	153	41.1	64.1	4.5	3.7	1.1	4.1

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

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

No. 1096. Housing Units—Selected Characteristics: 1940 to 1960

[**Number in thousands.** Prior to 1960, excludes Alaska and Hawaii, except for heating equipment, 1950. Data for 1940 represent a complete census count; 1950 data for water supply, toilet facilities, and bathing facilities represent a complete census count; data for all other 1950 items and all 1960 items are based on a 5-, 20-, or 25-percent sample of housing units. For a measure of the sampling variability, see source]

ITEM	1940		1950		1960	
	Number	Percent	Number	Percent	Number	Percent
All housing units with water supply	37,325	100.0	46,137	100.0	58,318	100.0
Hot and cold piped water inside structure	27,708	74.2	32,344	70.1	50,870	87.2
Only cold piped water inside structure			5,875	12.7	3,321	5.7
No piped water inside structure	9,617	25.8	7,918	17.2	4,128	7.1
All housing units with toilet facilities	37,325	100.0	46,137	100.0	58,318	100.0
Flush toilet, exclusive use	22,299	59.7	32,963	71.4	50,609	86.8
Flush toilet, shared	1,855	5.0	1,872	4.1	1,731	3.0
Other toilet facilities or none	13,172	35.3	11,302	24.5	5,978	10.3
All housing units with bathing facilities	37,325	100.0	46,137	100.0	58,318	100.0
Bathtub or shower, exclusive use	20,986	56.2	31,973	69.3	49,706	85.2
Bathtub or shower, shared	1,754	4.7	1,784	3.9	1,690	2.9
No bathtub or shower	14,585	39.1	12,379	26.8	6,922	11.9
All housing units with heating equipment	[1] 34,855	100.0	[1] 42,826	100.0	58,318	100.0
Steam and hot water	7,581	21.8	10,071	23.5	12,694	21.8
Warm air furnace, with ducts	5,844	16.8	11,508	26.9	18,355	31.5
Floor, wall, or pipeless furnace	1,218	3.5			6,528	11.2
Built-in electric units	(NA)	(NA)	(2)	(2)	745	1.3
Other means with flue	[3] 16,257	46.6	15,399	36.0	13,152	22.6
Other means without flue	(NA)	(NA)	[2] 5,268	[2] 12.3	5,825	10.0
Not heated	(NA)	(NA)	581	1.4	1,020	1.7
Occupied housing units with cooking fuel	34,855	100.0	42,826	100.0	53,022	100.0
Utility gas	17,026	48.8	22,085	51.6	27,296	51.5
Bottled, tank, or LP gas			3,417	8.0	6,491	12.2
Electricity	1,865	5.4	6,404	15.0	16,351	30.8
Other	15,963	45.8	10,921	25.5	2,884	5.4

NA Not available. [1] Represents all occupied units.
[2] Built-in electric units included with "Other means without flue." [3] Heating stove.

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. II, and *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

No. 1097. Homes With Selected Electrical Appliances: 1953 to 1967

[**Number of wired homes in millions.** As of January 1. Percentages based on total number of homes wired for electricity, except as noted]

PRODUCT	1953		1960		1965		1966		1967	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total number of wired homes	42.3	100.0	50.6	100.0	56.4	100.0	57.6	100.0	58.8	100.0
Air conditioners, room	0.6	1.3	6.5	12.8	11.4	20.2	13.9	24.2	17.6	29.9
Bed coverings	3.6	8.6	10.8	21.3	18.3	32.4	20.0	34.7	22.8	38.7
Blenders	1.5	3.5	3.8	7.5	6.2	11.0	7.5	13.0	9.4	16.0
Can openers	(NA)	(NA)	(NA)	(NA)	11.1	19.7	14.2	24.7	17.5	29.8
Coffeemakers	21.6	51.0	27.0	53.4	38.6	68.5	41.3	71.7	44.7	76.0
Dishwashers	1.3	3.0	3.2	6.3	6.7	11.8	7.8	13.5	9.2	15.7
Disposers, food waste	1.4	3.3	4.8	9.5	7.0	12.5	7.9	13.6	9.4	15.9
Dryers, clothes [1]	1.5	3.6	9.0	17.8	13.7	24.2	15.2	26.4	17.9	30.5
Freezers, home	4.9	11.5	11.2	22.1	13.1	23.2	13.9	24.2	15.1	25.7
Fry pans	(NA)	(NA)	20.6	40.7	26.2	46.4	27.8	48.2	29.6	50.3
Hotplates and buffet ranges	9.0	21.2	12.1	23.9	12.7	22.5	13.1	22.7	13.5	23.0
Irons, total	37.9	89.6	44.9	88.6	55.4	98.3	57.1	99.1	58.4	99.3
Steam and steam/spray	8.3	19.5	28.2	55.7	41.7	73.9	44.6	77.5	47.8	81.2
Mixers	12.6	29.7	27.0	53.4	39.7	70.4	41.9	72.8	44.7	76.0
Radios [2]	43.7	96.2	50.0	96.1	55.2	97.9	58.2	99.3	58.6	99.5
Ranges:										
Free-standing	10.2	24.1	14.5	28.7	17.0	30.1	17.7	30.7	19.1	32.4
Built-in			2.7	5.3	5.9	10.5	6.5	11.3	7.2	12.2
Refrigerators	37.8	89.2	49.6	98.0	55.5	98.3	57.3	99.5	58.6	99.6
Television:										
Black and white	19.8	46.7	45.5	89.9	53.1	94.1	55.9	97.1	57.6	97.8
Color	(X)	(X)	(NA)	(NA)	2.9	5.1	5.5	9.5	8.8	15.0
Toasters	30.0	70.9	40.2	79.4	45.8	81.1	48.1	83.6	50.8	86.3
Vacuum cleaners	25.1	59.4	36.7	72.5	45.8	81.2	48.1	83.5	53.3	90.6
Washers, clothes	32.2	76.2	47.1	93.1	45.0	79.7	46.9	81.4	51.9	88.2
Water heaters	5.8	13.8	9.4	18.6	13.1	23.2	13.5	23.4	14.5	24.7

NA Not available. X Not applicable. [1] Includes gas dryers.
[2] Prior to 1967, radio data based on total homes, as follows: 45,464,000 in 1953, 52,000,000 in 1960, 56,860,000 in 1965, and 58,566,000 in 1966.

Source: *Merchandising Week*, January issues. Published by Billboard Publishing Co., Inc., New York, N.Y.

No. 1098. Housing Units—Tenure, Condition and Plumbing, Rooms, and Persons Per Room: 1960

ITEM	Total units	Units occupied by nonwhite persons
All housing units	**58,323,672**	**5,152,658**
TENURE AND VACANCY STATUS		
Owner-occupied units	32,796,087	1,974,218
Percent of all occupied	61.9	38.3
Renter-occupied units	20,224,974	3,178,440
Available vacant units	1,974,918	(X)
For rent	1,453,133	(X)
For sale only	521,785	(X)
Other vacant	3,327,693	(X)
CONDITION AND PLUMBING		
Sound	46,914,583	2,797,274
With all plumbing facilities	42,605,333	2,217,045
Lacking only hot water	504,450	580,229
Lacking private toilet or bath or running water	3,804,800	
Deteriorating	8,384,162	1,470,261
With all plumbing facilities	4,766,330	626,990
Lacking only hot water	353,127	843,271
Lacking private toilet or bath or running water	3,264,705	
Dilapidated	3,024,927	885,123
ROOMS		
Units with—		
1 to 3 rooms	11,704,403	1,660,714
4 to 6 rooms	37,632,315	3,062,214
7 or more rooms	8,986,954	429,730
Median rooms per unit [1]	4.9	4.2
PERSONS		
Occupied units with—		
1 person	7,405,473	811,082
2 persons	14,883,515	1,194,484
3 to 5 persons	24,712,632	2,025,541
6 or more persons	6,019,441	1,121,551
Median rooms per unit [1]	2.9	3.2
PERSONS PER ROOM		
Occupied units with—		
1 person or less	46,890,754	3,695,715
More than 1 person	6,130,307	1,456,943

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

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1960*, Vol. I, *Congressional District Data Book*, and unpublished data.

No. 1099. Renter-Occupied Nonfarm Housing Units—Gross Monthly Rent: 1940 to 1960

[**Number in thousands.** Prior to 1960, excludes Alaska and Hawaii. Contract monthly rent is the rent at the time of enumeration, as contracted for by the renter, regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services sometimes supplied. Gross monthly rent is contract monthly rent plus the reported average monthly cost of utilities (electricity, gas, water) and other fuels (such as coal, oil, kerosene, and wood) if these items were paid for by the renter, in addition to contract monthly rent. In 1940 and 1950, if furniture was included in the contract rent, the reported estimated rent of the housing unit without furniture was used for the computation rather than the contract rent. For definition of median, see headnote, table 8]

RENT	1940		1950		1960	
	Number	Percent	Number	Percent	Number	Percent
Total housing units	**16,335**	**(X)**	**17,304**	**(X)**	**19,294**	**(X)**
Number reporting gross monthly rent	15,144	100.0	15,190	100.0	17,908	100.0
Less than $20	4,753	31.4	1,374	9.0	320	1.8
$20 to $29	3,606	23.8	2,176	14.3	736	4.1
$30 to $39	3,029	20.0	3,123	20.6	1,221	6.8
$40 to $49	1,967	13.0	3,105	20.4	1,755	9.8
$50 to $59	925	6.1	2,302	15.2	2,245	12.5
$60 to $69	741	4.9	2,681	17.7	2,555	14.3
$70 to $79					2,350	13.1
$80 to $89					3,490	19.5
$90 to $99						
$100 to $119	123	0.8	429	2.8	1,693	9.5
$120 or more					1,544	8.6
Median rent	$27	(X)	$42	(X)	$71	(X)
No cash rent	[1] 1,191	(X)	[1] 2,114	(X)	1,386	(X)

X Not applicable. [1] Includes units not reporting rental amount.

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, 1940, *Housing*, Vol. III, and *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

No. 1100. Owner-Occupied Nonfarm Housing Units—Value: 1950 and 1960

[**Number in thousands.** Prior to 1960, excludes Alaska and Hawaii. Data restricted to 1-housing-unit structures without business and with only 1 housing unit on property. Value represents the amount which the owner-occupant estimated that the property, including the structure and its land, would sell for under ordinary conditions and not at forced sale. For definition of median, see headnote, table 8]

VALUE	1950		VALUE [1]	1960	
	Number	Percent		Number	Percent
Total housing units	**15,878**	**(X)**	**Total housing units**	**26,172**	**(X)**
Number reporting	14,974	100.0	Owner occupied	26,172	100.0
Less than $4,000	3,117	20.8	Less than $5,000	3,182	12.2
$4,000 to $5,999	2,392	16.0	$5,000 to $7,499	3,201	12.2
$6,000 to $9,999	4,731	31.6	$7,500 to $9,999	3,546	13.5
			$10,000 to $12,499	4,095	15.6
$10,000 to $14,999	2,995	20.0	$12,500 to $14,999	3,538	13.5
$15,000 to $19,999	1,008	6.7	$15,000 to $17,499	2,841	10.9
$20,000 or more	731	4.9	$17,500 to $19,999	1,882	7.2
			$20,000 to $24,999	1,900	7.3
Median value	$7,400	(X)	$25,000 to $34,999	1,227	4.7
			$35,000 or more	762	2.9
Not reported	905	(X)	Median value	$11,900	(X)

X Not applicable.
[1] 1960 data collected on basis of intervals rounded to nearest $100 ($5,000 to $7,400, $7,500 to $9,900, etc.).

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol. I.

No. 1101. Nonfarm Owner-Occupied Dwelling Units—Mortgage Status: 1890 to 1960

[Prior to 1960, excludes Alaska and Hawaii. Through 1920, mortgage data are for owner-occupied units in all types of structures; for 1940 and 1950, for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; and for 1960, for properties with 1 to 4 dwelling units. See also *Historical Statistics, Colonial Times to 1957*, series N 190-194]

CENSUS YEAR	Owner-occupied units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent	
1890	2,923,671	2,923,671	809,933	27.7	2,113,738
1900	3,566,809	3,394,967	1,086,605	32.0	2,308,362
1910	5,245,380	5,109,916	1,701,062	33.3	3,408,854
1920	7,041,283	6,867,546	2,735,662	39.8	4,131,878
1940	11,413,036	10,611,259	4,804,778	45.3	5,806,481
1950	19,801,646	17,795,844	7,825,116	44.0	9,970,728
1960	27,862,329	27,862,329	15,816,132	56.8	12,046,197

Source: Dept. of Commerce, Bureau of the Census; *U.S. Census of Housing: 1950*, Vol. I, and *1960*, Vol.V.

No. 1102. Mortgaged Owner-Occupied Nonfarm Properties—Market Value, Mortgage Debt, and Interest Rate: 1890 to 1960

[Prior to 1960, excludes Alaska and Hawaii. For definition of median, see headnote, table 8]

ITEM	ALL PROPERTIES		1-DWELLING-UNIT PROPERTIES		
	1890	1920	1940	1950	1960
MARKET VALUE AND OUTSTANDING MORTGAGE DEBT					
Total number of properties ... 1,000	810	2,855	4,026	7,052	14,454
Number reporting value and debt ... 1,000	(NA)	2,736	3,745	7,027	14,454
Total value ... mil. dol.	2,632	14,099	16,490	[1] 66,443	[1] 219,669
Total debt ... mil. dol.	1,047	6,000	8,634	28,566	108,092
Average value ... dollars	3,250	4,938	4,403	9,422	15,200
Average debt ... dollars	1,293	2,102	2,305	4,051	7,500
Median ratio of debt to value	(NA)	(NA)	(NA)	43	53
INTEREST RATE ON FIRST MORTGAGE LOAN (percent distribution)					
Total properties	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 4.0 percent	1.7	2.0	0.8	2.0	0.8
4.0 percent to 4.4 percent			1.9	24.9	13.9
4.5 to 4.9 percent			17.3	20.2	26.7
5.0 percent	11.0	8.3	19.8	22.4	15.1
5.1 to 5.9 percent	2.3	5.9	7.7	2.7	16.3
6.0 percent to 6.9 percent	45.7	59.8	45.6	25.2	24.8
7.0 percent to 7.9 percent	12.5	12.6	4.5	1.2	1.5
8.0 percent or more	26.8	11.3	2.5	1.3	0.9
Median interest rate	6.0	6.0	6.0	5.0	5.1

NA Not available. [1] Estimated from midpoints of distribution.
Source: Prior to 1960, Ratcliff, Rathbun, and Honnold, *Residential Finance, 1950*, John Wiley and Sons, New York, N.Y.; thereafter, Dept. of Commerce, Bureau of the Census, *U.S. Census of Housing: 1960*, Vol. V.

No. 1103. Characteristics of First Mortgage Loans for Purchase of Single-Family Homes: 1965 to 1967

[**Percent, except as indicated.** Monthly averages. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, life insurance companies, mortgage companies, commercial banks, and mutual savings banks]

Loan characteristic	New homes					Existing homes				
	1965		1966		1967, Apr.	1965		1966		1967, Apr.[1]
	Apr.	Oct.	Apr.	Oct.		Apr.	Oct.	Apr.	Oct.	
Contract interest rate	5.74	5.75	5.99	6.32	6.38	5.89	5.87	6.09	6.49	6.36
Initial fees and charges [2]	0.51	0.53	0.57	0.80	1.00	0.49	0.48	0.54	0.71	0.73
Term to maturity ... years	24.9	24.8	24.6	23.6	23.7	20.4	19.9	20.6	19.2	20.9
Loans to price ratio	73.7	73.8	73.9	71.0	73.4	71.8	71.3	72.2	69.5	72.2
Purchase price ... $1,000	24.9	25.1	25.1	27.3	25.9	19.6	19.6	20.3	20.4	21.9

[1] Not strictly comparable with data for earlier years because of technical changes in procedures for compiling averages. See Federal Home Loan Bank Board, monthly news release dated April 28–May 1, 1967 for discussion of changes. [2] Include only discounts and initial payments that provide additional income to lender; exclude reimbursable closing costs. Expressed as percent of principal mortgage amount.

Source: Federal Home Loan Bank Board; monthly news releases.

No. 1104. Residential Loans Underwritten by FHA and VA: 1940 to 1966

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

Loan	1940	1950	1955	1960	1962	1963	1964	1965	1966
FHA-insured loans	**991**	**4,343**	**3,807**	**6,293**	**7,184**	**7,216**	**8,130**	**8,689**	**7,320**
Home mortgages:									
New properties	588	1,637	1,269	2,197	1,849	1,664	1,608	1,705	1,729
Existing properties	175	856	1,816	2,403	3,421	3,905	4,965	5,760	4,366
Project type mortgages	13	1,157	76	711	1,079	843	895	591	583
Property improvement loans [1]	216	694	646	982	834	804	663	634	641
VA-guaranteed loans [2]	**(X)**	**3,072**	**7,156**	**1,985**	**2,652**	**3,045**	**2,846**	**2,652**	**2,600**
Home mortgages:									
New properties	(X)	1,865	4,582	1,554	1,357	1,272	1,023	876	980
Existing properties	(X)	1,202	2,564	428	1,292	1,770	1,821	1,774	1,618

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

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

No. 1105. Home Loans Guaranteed by VA—Percent Distribution, by Selected Characteristics: 1955 to 1966

[Covers veterans regardless of place of residence. Based on complete count of primary loans closed]

Item	New homes				Existing homes			
	1955	1960	1965	1966	1955	1960	1965	1966
PURCHASE PRICE								
All price ranges	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $8,000	2.1	0.1	0.1	0.1	18.4	15.7	4.2	3.8
$8,000 to $9,999	15.0	1.8	0.9	0.5	20.3	17.1	6.0	6.4
$10,000 to $11,999	29.8	11.5	4.2	3.2	22.2	18.4	10.4	10.9
$12,000 to $14,999	38.4	39.1	19.8	16.3	23.7	25.4	21.8	23.5
$15,000 to $19,999	13.0	39.8	43.8	44.2	12.1	18.0	35.2	34.9
$20,000 and over	1.7	7.7	31.2	35.7	3.3	5.4	22.4	20.5
Average purchase price	$12,476	$15,327	$18,338	$18,971	$11,343	$12,238	$16,371	$16,091
MORTGAGE MATURITY								
All maturities	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 25 years	5.3	1.4	0.9	0.6	50.5	43.0	9.1	8.7
25 years	32.7	3.9	2.3	1.7	37.6	31.3	17.0	16.6
26 to 30 years	62.0	94.7	96.8	97.7	11.9	25.7	73.9	74.7
DOWNPAYMENT STATUS								
All loans	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
With downpayments	46.6	30.2	24.4	25.8	80.3	66.5	31.1	30.2
With no downpayments	53.4	69.8	75.6	74.2	19.7	33.5	68.9	69.8

Source: Veterans Administration; *Loan Guaranty Highlights*.

No. 1106. Characteristics of VA-Guaranteed Home Loans, by Monthly Income of Veteran Home Purchasers: 1966

[Based on a 20-percent sample of loan applications submitted to the Veterans Administration for prior approval in 1966. Such loans currently constitute about 86 percent of all primary VA-guaranteed home loans]

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	$2,085	$755	$825	$1,285	$2,170	$4,635
Purchase price	$16,905	$9,470	$11,805	$14,620	$18,370	$23,170
Loan amount	$16,585	$9,370	$11,700	$14,410	$18,000	$22,540
Downpayment	320	100	105	210	370	630
Percent of purchase price	1.9	1.1	0.9	1.4	2.0	2.7
Percent of liquid assets	15.3	13.2	12.7	16.3	17.1	13.6
Monthly income after taxes	$550	$271	$360	$449	$583	$863
Monthly housing expense [1]	$164	$98	$121	$144	$178	$215
Percent of income after taxes	29.8	36.2	33.6	32.1	30.5	24.9
Percent of loans	100.0	100.0	100.0	100.0	100.0	100.0
New homes	35.4	12.8	22.6	30.7	39.9	48.0
Existing homes	64.6	87.2	77.4	69.3	60.1	52.0

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

Source: Veterans Administration; unpublished data.

No. 1107. Estimated Nonfarm Real Estate Foreclosures: 1930 to 1966

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

YEAR	Foreclosures	YEAR	Foreclosures	YEAR	Foreclosures
1930	150,000	1955	28,529	1962	86,444
1935	228,713	1958	42,367	1963	98,195
1940	75,556	1959	44,075	1964	108,620
1945	12,706	1960	51,353	1965	116,664
1950	21,537	1961	73,074	1966	117,473

Source: Federal Home Loan Bank Board; *Savings and Home Financing Source Book.*

No. 1108. Urban Planning Assistance Program—Summary: 1954 to 1966

[Includes Puerto Rico, Guam, and Virgin Islands. Planning grants are made to State planning agencies, and metropolitan, regional, or other qualified planning agencies]

ITEM	Cumulative total	NET CHANGE						
		1954–1960 [1]	1961	1962	1963	1964	1965	1966
Total grants approved [2] $1,000	123,448	13,400	8,884	19,755	17,707	19,431	20,796	23,475
Disbursed $1,000	91,325	8,894	3,571	10,243	13,446	16,463	17,172	21,536
Planning assistance for small areas: [3]								
Projects approved	1,648	312	144	249	246	226	272	199
Different localities involved	4,688	1,464	458	683	621	526	551	385
Planning assistance for localities in redevelopment areas: [4]								
Projects approved	426	(X)	26	72	56	57	58	157
Different localities involved	1,057	(X)	120	256	129	111	115	326
Planning assistance for metropolitan and regional areas:								
Projects approved	452	161	33	40	52	61	61	44
Different areas involved	211	102	21	9	20	20	22	17
Statewide and interstate planning: [5]								
Projects approved	116	12	13	17	14	18	21	21
Different States involved	44	10	6	7	3	6	5	7
Planning assistance for other areas: [6]								
Projects approved	68	8	1	4	1	1	24	29
Different areas involved	69	10	2	5	1	1	25	25
Advisory services to small communities: [7]								
Projects approved	33	(X)	(X)	(X)	1	16	9	7
Different States involved	24	(X)	(X)	(X)	1	12	8	3

X Not applicable.
[1] First approval under this program took place in November 1954.
[2] Represents the Federal contribution to defray the costs of urban planning authorized by the program.
[3] Cities, counties, and other areas with population of less than 50,000.
[4] Program started in 1961. [5] Program started in 1960.
[6] Areas with population of 50,000 or more, major disaster areas, and Federally impacted areas.
[7] Program started in 1963.

Source: Dept. of Housing and Urban Development, Metropolitan Development; *Annual Report.*

No. 1109. Urban Renewal Program—Summary: 1949 to 1966

[**Money figures in thousands of dollars.** Includes Puerto Rico and Virgin Islands. Represents Federal grant assistance to localities by the Renewal Assistance Administration for urban renewal activities]

ITEM	Cumulative total	NET CHANGE						
		1949-1960	1961	1962	1963	1964	1965	1966
Grant authority reserved [1]	5,759,537	1,875,055	606,048	552,630	671,640	607,426	672,162	774,576
Urban renewal projects [2]	5,683,769	1,869,601	602,581	547,523	667,558	601,286	664,420	730,800
Code enforcement projects [3]	35,497	(X)	(X)	(X)	(X)	(X)	(X)	35,497
Community renewal programs [4]	27,264	2,664	2,571	4,860	3,606	5,656	3,760	4,147
Demolition projects [5]	6,464	(X)	(X)	(X)	(X)	(X)	3,058	3,406
Demonstration grants	6,543	2,790	896	247	476	484	924	726
URBAN RENEWAL PROJECTS [2]								
Localities participating	846	475	65	96	76	53	31	50
Total projects	1,812	838	174	198	192	143	154	113
Completed	289	41	24	21	32	56	53	62
Active	1,523	797	150	177	160	87	101	51
Execution	979	444	74	70	83	125	98	85
Planning	544	353	76	107	77	−38	3	−34
Capital grants:								
Grants disbursed to projects	1,725,391	364,818	147,463	188,243	176,258	243,972	277,736	326,901
Grants disbursed to repay advances	16,229	3,441	1,109	841	1,269	2,393	3,646	3,530
CODE ENFORCEMENT PROJECTS [3]								
Localities participating	32	(X)	(X)	(X)	(X)	(X)	(X)	32
Total projects	32	(X)	(X)	(X)	(X)	(X)	(X)	32
Grants disbursed	1,930	(X)	(X)	(X)	(X)	(X)	(X)	1,930
COMMUNITY RENEWAL PROGRAMS [4]								
Localities participating	164	7	34	39	27	17	22	18
Grants disbursed	18,189	235	942	2,450	3,579	4,091	3,316	3,576
DEMOLITION PROJECTS [5]								
Localities participating	31	(X)	(X)	(X)	(X)	(X)	3	28
Projects approved	34	(X)	(X)	(X)	(X)	(X)	3	31
Grants disbursed	346	(X)	(X)	(X)	(X)	(X)	(X)	346
DEMONSTRATION GRANTS								
Projects approved	74	34	8	3	2	7	12	8
Grants disbursed	4,469	1,787	352	425	351	375	440	739

X Not applicable.
[1] Represents Federal contribution in the form of project grants, relocation grants, rehabilitation grants and planning advances not collected from terminated projects.
[2] First approval under this program took place in March 1950.
[3] First approval under this program took place in January 1966.
[4] First approval under this program took place in August 1960.
[5] First approval under this program took place in November 1965.

Source: Dept. of Housing and Urban Development, Renewal Assistance Administration; *Annual Report*, and unpublished data.