Section 24

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 board, 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 *Wildfire Statistics*, issued annually by the Forest Service; and reports of the quinquennial Census of Manufactures and the monthly and annual *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 Bureau of Economic Analysis, and the monthly *Fingertip Facts and Figures* of the National Forest Products Association, Washington, D.C.

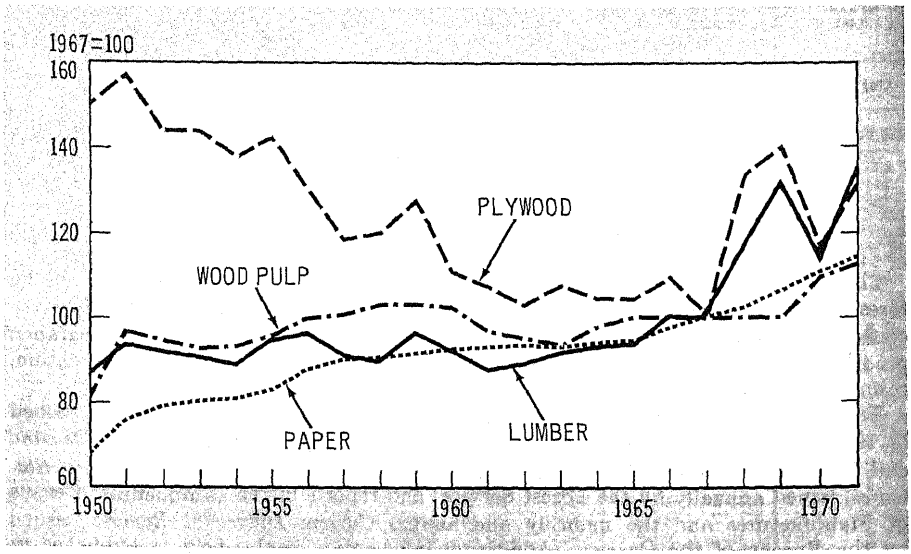
The Bureau of the Census also collects statistics on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of wholesale lumber prices. Information on the domestic movement of forest products is collected by the Interstate Commerce Commission and the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

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.

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

FIG. XLV. SELECTED TIMBER PRODUCTS—WHOLESALE PRICE INDEXES: 1950 TO 1971

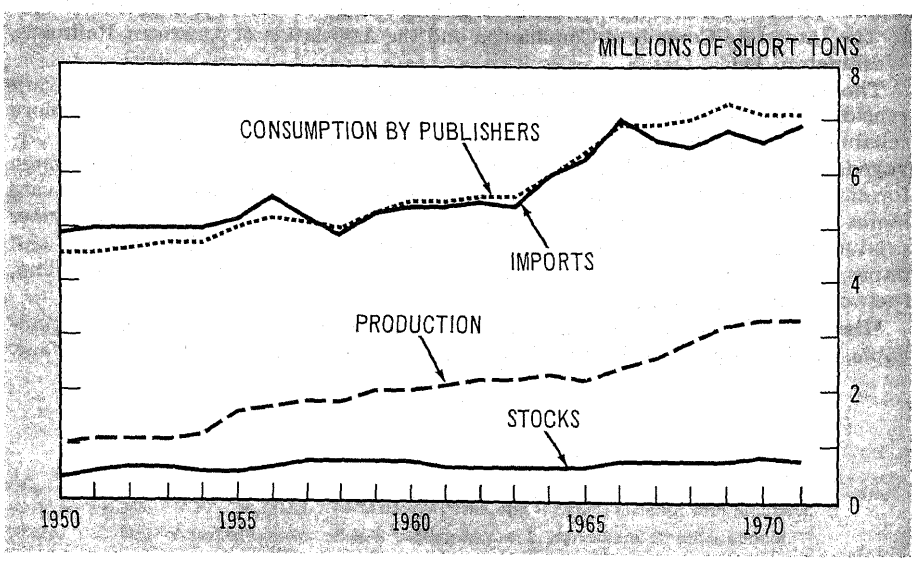
[See table 1051]



Source: Chart prepared by U.S. Bureau of the Census. Data from U.S. Bureau of Labor Statistics.

FIG. XLVI. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, AND IMPORTS: 1950 TO 1971

[See table 1060]



Source: Chart prepared by U.S. Bureau of the Census. Data from U.S. Bureau of Economic Analysis and U.S. Bureau of the Census.

No. 1038. Forest Land—Total and Commercial Area and Volume of Sawtimber: 1953, 1963, and 1970

[Area in millions of acres; sawtimber in billions of board feet. As of January 1. For composition of regions, see table 1041]

Year and region	Total forest land	Commercial forest land, ownership [1]				Net volume of sawtimber [2]		
		All ownerships	Federally owned or managed	State, county, and municipal	Private	Total	Softwood	Hardwood
United States, 1953	748	495	111	28	356	2,412	1,979	433
North	178	170	13	19	138	246	59	187
South	214	192	14	3	175	391	186	205
West	356	133	84	6	43	1,774	1,734	40
United States, 1963	757	508	111	28	369	2,431	1,956	475
North	183	175	13	19	143	290	69	221
South	219	200	14	3	183	435	230	205
West	355	133	84	6	43	1,705	1,656	49
United States, 1970	754	500	107	29	364	2,420	1,905	515
North	186	178	12	20	146	332	80	252
South	212	193	14	3	175	484	276	208
West	355	129	81	6	42	1,605	1,549	56

[1] For definition of commercial forest land, see headnote, table 1041. [2] See footnote 1, table 1041.

Source: U.S. Forest Service, unpublished data.

No. 1039. National Forest Lands and Purchases: 1950 to 1971

[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 on such lands. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1957*, series L 1-5]

Item	1950	1955	1960	1965	1968	1969	1970	1971
Gross area [1] ... mil. acres	229	236	227	226	227	226	226	225
National Forest System lands ... mil. acres	181	188	186	187	[2] 187	[2] 187	[2] 187	187
Gross area approved for purchase ... acres	61,078	18,665	7,845	28,507	112,767	126,341	92,437	32,281
Average price per acre	$8.71	$10.30	$14.76	$46.67	$83.47	$97.77	$124.83	$138.39
Total price ... $1,000	532	192	114	1,331	9,413	12,353	11,539	4,467
Purchase completed ... acres	96,963	12,063	7,547	33,239	114,888	123,663	113,462	77,702
Average price per acre	$7.28	$12.23	$31.21	$38.97	$70.66	$83.48	$95.64	$139.32
Total price ... $1,000	706	148	237	1,295	8,118	10,324	10,852	10,825
Gross area of purchase units [3] ... 1,000 acres	53,211	62,169	55,858	55,551	55,867	55,966	56,002	55,251
Purchase completed, net area [3] ... 1,000 acres	18,574	18,837	18,912	19,000	19,293	19,430	19,550	19,645
Average price per acre	$3.83	$3.87	$3.95	$4.16	$5.38	$5.85	$6.40	$6.93
Total price ... $1,000	71,206	72,883	74,762	79,047	103,737	113,757	125,050	136,074

[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. [3] Cumulative total.

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

No. 1040. Forest Tree Distribution Program and Costs: 1950 to 1971

[For years ending June 30. 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
1950	136,395	1,503	189	1,314	1967	572,088	7,989	220	7,769
1955	496,571	3,929	372	3,557	1968	573,067	9,057	221	8,836
1960	844,599	6,573	186	6,387	1969	523,986	10,114	204	9,911
1965	508,651	6,865	216	6,649	1970	494,941	8,544	197	8,347
1966	521,440	6,812	219	6,593	1971 (prel.)	631,762	5,840	165	5,675

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

No. 1041. Forest Land Area and Ownership of Commercial Forest Land, by States: 1970

[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	**753, 549**	**499, 697**	**107, 109**	**91, 924**	**15, 184**	**29, 012**	**363 576**	**131, 135**	**67, 341**	**165, 101**
North	**186, 495**	**177, 901**	**12, 311**	**10, 458**	**1, 853**	**19, 600**	**145, 990**	**51, 017**	**17, 563**	**77, 409**
New England	**33, 411**	**32, 367**	**912**	**832**	**79**	**1, 081**	**30, 374**	**3, 637**	**9, 988**	**16, 749**
Connecticut	2, 186	2, 169	1	–	1	154	2, 014	304	3	1, 707
Maine	17, 749	16, 894	73	37	36	238	16, 583	1, 122	8, 255	7, 206
Massachusetts	3, 520	3, 491	29	–	29	370	3, 092	442	259	2, 391
New Hampshire	5, 132	5, 020	578	568	10	118	4, 324	642	793	2, 889
Rhode Island	433	429	–	–	–	26	403	43	–	360
Vermont	4, 391	4, 364	231	226	4	175	3, 958	1, 084	678	2, 196
Middle Atlantic	**53, 196**	**49, 685**	**1, 500**	**1, 367**	**133**	**4, 296**	**43, 889**	**9, 907**	**2, 455**	**31, 527**
Delaware	391	390	1	–	1	8	381	142	30	209
Maryland	2, 960	2, 882	14	–	14	175	2, 693	728	101	1, 864
New Jersey	2, 463	2, 354	17	–	17	237	2, 100	195	4	1, 901
New York	17, 378	14, 489	57	–	57	835	13, 597	3, 583	1, 180	8, 834
Pennsylvania	17, 832	17, 478	518	488	30	2, 888	14, 072	3, 188	610	10, 274
West Virginia	12, 172	12, 092	893	879	14	153	11, 046	2, 071	530	8, 445
Lake	**53, 960**	**50, 841**	**7, 059**	**5, 868**	**1, 191**	**13, 497**	**30, 285**	**11, 694**	**4, 439**	**14, 151**
Michigan	19, 274	18, 800	2, 494	2, 423	71	3, 947	12, 359	3, 430	2, 257	6, 673
Minnesota	18, 984	16, 875	2, 784	2, 127	657	6, 604	7, 487	3, 237	814	3, 436
North Dakota	422	406	115	–	115	10	281	162	–	119
South Dakota (east)	335	223	74	–	74	3	146	142	–	3
Wisconsin	14, 945	14, 537	1, 592	1, 318	274	2, 933	10, 012	4, 724	1, 368	3, 920
Central	**45, 928**	**45, 008**	**2, 840**	**2, 391**	**449**	**726**	**41, 442**	**25, 779**	**681**	**14, 982**
Illinois	3, 790	3, 680	256	215	42	11	3, 413	2, 108	17	1, 288
Indiana	3, 908	3, 840	214	137	77	147	3, 479	2, 606	22	852
Iowa	2, 455	2, 430	11	–	11	24	2, 395	2, 129	9	258
Kansas	1, 344	1, 187	27	–	27	10	1, 150	798	–	352
Kentucky	11, 969	11, 826	738	531	207	82	11, 006	5, 882	228	4, 896
Missouri	14, 919	14, 600	1, 373	1, 322	51	213	13, 014	8, 851	279	3, 884
Nebraska	1, 045	1, 023	83	57	26	12	928	790	–	139
Ohio	6, 498	6, 422	138	130	9	227	6, 057	2, 616	127	3, 314
South	**211, 885**	**192, 542**	**14, 277**	**10, 764**	**3, 513**	**3, 002**	**175, 263**	**65, 137**	**35, 325**	**74, 801**
South Atlantic	**49, 496**	**48, 463**	**3, 627**	**2, 789**	**838**	**841**	**43, 995**	**20, 299**	**6, 468**	**17, 228**
North Carolina	20, 613	20, 193	1, 350	1, 036	314	373	18, 470	8, 602	2, 786	7, 082
South Carolina	12, 494	12, 411	840	550	290	233	11, 338	4, 996	2, 047	4, 294
Virginia	16, 389	15, 859	1, 437	1, 203	234	235	14, 187	6, 701	1, 634	5, 852
East Gulf	**43, 479**	**41, 334**	**2, 980**	**1, 842**	**1, 138**	**572**	**37, 782**	**15, 026**	**9, 916**	**12, 839**
Florida	17, 933	16, 231	1, 653	1, 035	618	492	14, 086	2, 916	5, 216	5, 954
Georgia	25, 546	25, 103	1, 327	807	520	80	23, 696	12, 110	4, 700	6, 886
Central Gulf	**51, 820**	**51, 454**	**3, 035**	**2, 344**	**690**	**1, 019**	**47, 400**	**18, 912**	**7, 444**	**21, 043**
Alabama	21, 770	21, 742	795	626	170	202	20, 745	7, 628	3, 818	9, 298
Mississippi	16, 914	16, 892	1, 300	1, 119	181	471	15, 121	6, 205	2, 505	6, 412
Tennessee	13, 136	12, 820	940	600	340	346	11, 534	5, 079	1, 121	5, 333
West Gulf	**67, 090**	**51, 291**	**4, 635**	**3, 789**	**846**	**570**	**46, 086**	**10, 900**	**11, 497**	**23, 690**
Arkansas	18, 278	18, 206	2, 682	2, 378	304	256	15, 268	4, 800	3, 951	6, 518
Louisiana	15, 380	15, 342	692	552	141	168	14, 482	2, 284	3, 181	9, 017
Oklahoma	9, 340	4, 818	482	233	249	96	4, 240	1, 412	869	1, 960
Texas	24, 092	12, 925	779	625	154	50	12, 096	2, 404	3, 497	6, 196
West	**355, 169**	**129, 254**	**80, 521**	**70, 702**	**9, 819**	**6, 410**	**42, 323**	**14, 981**	**14, 453**	**12, 891**
Pacific Northwest	**172, 553**	**49, 713**	**27, 070**	**22, 571**	**4, 499**	**3, 576**	**19, 067**	**4, 716**	**9, 554**	**4, 797**
Alaska	119, 051	5, 639	5, 256	5, 144	112	353	30	–	–	30
Oregon	30, 404	25, 673	14, 581	12, 003	2, 578	938	10, 154	2, 850	5, 206	2, 098
Washington	23, 098	18, 401	7, 233	5, 424	1, 809	2, 285	8, 883	1, 866	4, 348	2, 669
Pacific Southwest	**44, 382**	**17, 909**	**8, 752**	**8, 344**	**408**	**564**	**8, 593**	**1, 886**	**2, 665**	**4, 043**
California	42, 408	16, 828	8, 743	8, 344	399	77	8, 008	1, 524	2, 665	3, 819
Hawaii	1, 974	1, 081	9	–	9	487	585	362	–	224
Northern Rocky Mt	**55, 854**	**36, 669**	**26, 360**	**24, 120**	**2, 239**	**1, 587**	**8, 722**	**3, 572**	**2, 074**	**3, 077**
Idaho	21, 591	15, 193	11, 292	10, 731	561	880	3, 021	777	947	1, 297
Montana	22, 778	15, 983	10, 884	9, 732	1, 151	534	4, 565	1, 952	1, 055	1, 558
South Dakota (west)	1, 400	1, 310	967	958	10	62	281	223	17	41
Wyoming	10, 085	4, 183	3, 217	2, 699	518	111	855	620	54	181
Southern Rocky Mt	**82, 380**	**24, 963**	**18, 339**	**15, 667**	**2, 673**	**683**	**5, 941**	**4, 807**	**160**	**974**
Arizona	18, 583	3, 690	3, 490	2, 348	1, 142	34	166	82	–	84
Colorado	22, 534	11, 583	8, 231	7, 711	520	234	3, 118	2, 636	15	468
Nevada	7, 661	129	55	55	–	5	69	2	8	58
New Mexico	18, 314	5, 736	3, 638	2, 939	699	171	1, 927	1, 550	137	240
Utah	15, 288	3, 825	2, 925	2, 614	311	239	661	538	–	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.

Source: U.S. Dept. of Agriculture, Forest Service, unpublished data.

No. 1042. Sawtimber and Growing Stock—Growth, Removals, and Volume on Commercial Forest Land, by States: 1970

[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 1¼ inch rule)					GROWING STOCK (mil. cu. ft.)				
	Net annual growth[1]	Annual removals[2]	Net volume[3]			Net annual growth[1]	Annual removals[2]	Net volume[3]		
			Total	Softwood	Hardwood			Total	Softwood	Hardwood
United States	**59,919**	**62,770**	**2,420,767**	**1,905,289**	**515,478**	**18,568**	**14,033**	**648,879**	**431,874**	**217,005**
North	**13,670**	**8,950**	**331,868**	**80,061**	**251,807**	**5,541**	**2,434**	**155,677**	**39,114**	**116,563**
New England	**2,291**	**1,845**	**57,270**	**34,813**	**22,457**	**1,078**	**562**	**35,211**	**20,191**	**15,020**
Connecticut	82	28	2,612	346	2,266	45	9	1,898	228	1,670
Maine	1,622	1,299	34,519	23,456	11,063	711	409	21,253	14,763	6,490
Massachusetts	112	128	3,128	1,324	1,804	81	31	2,717	770	1,947
New Hampshire	305	220	10,041	6,862	3,179	138	60	5,148	2,902	2,246
Rhode Island	8	6	193	25	168	10	2	267	20	247
Vermont	163	163	6,779	2,800	3,979	93	51	3,928	1,508	2,420
Middle Atlantic	**3,792**	**2,188**	**102,881**	**15,033**	**87,848**	**1,797**	**602**	**52,333**	**6,694**	**45,639**
Delaware	63	33	1,361	460	901	31	12	657	229	428
Maryland	268	321	6,962	1,281	5,681	106	76	3,074	531	2,543
New Jersey	141	37	4,276	749	3,527	57	12	1,729	385	1,344
New York	703	416	24,980	7,273	17,707	286	115	12,518	3,292	9,226
Pennsylvania	1,275	719	29,616	3,434	26,182	763	232	20,270	1,600	18,670
West Virginia	1,343	663	35,686	1,836	33,850	554	155	14,085	657	13,428
Lake	**4,028**	**2,159**	**81,352**	**26,088**	**55,264**	**1,574**	**682**	**40,075**	**10,891**	**29,184**
Michigan	1,589	867	38,088	11,026	27,062	605	213	16,559	4,313	12,246
Minnesota	1,058	485	20,066	8,041	12,025	456	155	11,727	3,896	7,831
North Dakota	18	7	563	–	563	5	3	276	–	276
South Dakota (east)	16	5	339	58	281	4	2	102	19	83
Wisconsin	1,346	796	22,296	6,963	15,333	504	309	11,411	2,663	8,748
Central	**3,558**	**2,758**	**90,365**	**4,127**	**86,238**	**1,092**	**588**	**28,058**	**1,338**	**26,720**
Illinois	289	397	7,834	25	7,809	92	91	2,327	19	2,308
Indiana	288	351	11,210	184	11,026	107	66	3,607	70	3,537
Iowa	338	163	6,597	10	6,587	81	50	1,808	4	1,804
Kansas	48	36	1,904	1	1,903	16	8	534	–	534
Kentucky	1,198	728	30,199	1,968	28,231	319	141	8,546	621	7,925
Missouri	832	460	16,050	1,072	14,978	303	109	6,496	385	6,111
Nebraska	80	52	1,991	489	1,502	17	10	507	115	392
Ohio	484	572	14,580	378	14,202	158	113	4,233	124	4,109
South	**28,028**	**22,840**	**483,851**	**275,876**	**207,975**	**8,609**	**6,483**	**159,517**	**78,405**	**81,112**
South Atlantic	**6,356**	**4,729**	**133,789**	**60,878**	**72,911**	**2,140**	**1,583**	**47,550**	**19,094**	**28,456**
North Carolina	2,718	2,029	58,127	28,611	29,516	885	691	19,680	8,509	11,171
South Carolina	2,127	1,513	36,434	20,382	16,052	691	449	12,699	6,369	6,330
Virginia	1,511	1,187	39,228	11,885	27,343	563	443	15,171	4,216	10,955
East Gulf	**5,739**	**4,046**	**83,227**	**53,835**	**29,392**	**1,888**	**1,276**	**30,584**	**18,744**	**11,840**
Florida	1,688	1,154	30,464	19,966	10,498	532	348	10,888	6,904	3,984
Georgia	4,052	2,893	52,763	33,869	18,894	1,357	928	19,696	11,840	7,856
Central Gulf	**7,730**	**6,477**	**123,841**	**67,652**	**56,189**	**2,423**	**1,770**	**40,284**	**18,221**	**22,063**
Alabama	3,073	2,900	52,769	34,874	17,895	947	807	16,010	9,232	6,778
Mississippi	3,228	2,757	44,732	28,079	16,653	966	746	13,878	7,189	6,689
Tennessee	1,428	820	26,340	4,699	21,641	509	216	10,396	1,800	8,596
West Gulf	**8,203**	**7,588**	**142,994**	**93,511**	**49,483**	**2,158**	**1,855**	**41,099**	**22,346**	**18,753**
Arkansas	2,604	2,537	46,386	25,252	21,134	779	620	15,365	6,539	8,826
Louisiana	3,153	3,024	53,997	35,011	18,986	744	722	13,603	7,596	6,007
Oklahoma	192	189	4,490	2,789	1,701	70	52	1,648	850	798
Texas	2,254	1,837	38,121	30,459	7,662	566	461	10,483	7,361	3,122
West	**18,221**	**30,980**	**1,605,048**	**1,549,352**	**55,696**	**4,418**	**5,115**	**333,685**	**314,355**	**19,330**
Pacific Northwest	**10,719**	**19,964**	**962,233**	**922,575**	**39,658**	**2,427**	**3,249**	**186,975**	**175,487**	**11,488**
Alaska	165	1,080	179,375	178,102	1,273	31	157	34,767	34,469	298
Oregon	4,995	9,776	457,735	434,671	23,064	1,151	1,556	87,093	81,061	6,032
Washington	5,559	9,108	325,123	309,802	15,321	1,244	1,536	65,115	59,957	5,158
Pacific Southwest	**2,422**	**5,648**	**278,407**	**271,671**	**6,736**	**630**	**929**	**54,490**	**51,156**	**3,334**
California	2,422	5,637	277,554	271,653	5,901	630	927	54,251	51,152	3,099
Hawaii	–	11	853	18	835	–	2	239	4	235
Northern Rocky Mt	**3,754**	**4,203**	**253,493**	**251,387**	**2,106**	**1,019**	**733**	**63,828**	**63,106**	**722**
Idaho	2,005	2,106	131,666	130,986	680	503	357	29,498	29,258	240
Montana	1,486	1,815	102,018	100,926	1,092	443	324	28,650	28,376	274
South Dakota (west)	99	87	3,444	3,435	9	27	16	1,007	1,001	6
Wyoming	164	196	16,365	16,040	325	46	36	4,673	4,471	202
Southern Rocky Mt	**1,326**	**1,165**	**110,915**	**103,719**	**7,196**	**342**	**204**	**28,392**	**24,606**	**3,786**
Arizona	306	492	21,582	20,903	679	71	88	4,810	4,584	226
Colorado	672	341	46,076	42,633	3,443	157	59	12,267	10,360	1,907
Nevada	10	–	1,344	1,320	24	2	–	250	237	13
New Mexico	253	262	25,628	24,054	1,574	75	44	6,337	5,736	601
Utah	85	70	16,285	14,809	1,476	36	13	4,728	3,689	1,039

– Represents zero.

[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.

Source: U.S. Dept. of Agriculture, Forest Service, unpublished data.

No. 1043. National Forest System—Summary: 1950 to 1971

[**Money figures in millions 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	1950	1955	1960	1965	1968	1969	1970	1971
Livestock grazing: [1]								
Cattle, horses, and swine [2] 1,000	1,128	1,148	1,307	1,376	1,531	1,577	1,607	1,583
Sheep and goats 1,000	3,013	2,830	2,574	2,112	2,246	2,162	2,095	2,040
Roads and trails:								
Road construction and reconstr [3] ..... miles	453	767	851	1,613	1,270	1,027	942	648
Trail construction and reconstr [3] ..... miles	828	184	142	671	954	447	278	293
Expenditures (maint. and constr.)	15.0	29.4	43.2	105.5	122.7	114.6	155.1	169.8
Timber cut, total value	31.1	71.2	157.1	161.9	240.2	327.9	308.6	258.4
Commercial and cost sales: [4]								
Volume ..... mil. bd. ft.	3,502	6,328	9,367	11,244	12,129	11,783	11,527	10,341
Value	30.7	70.8	156.4	161.1	239.3	327.0	307.6	257.0
Free use:								
Volume ..... mil. bd. ft.	121	106	123	191	175	168	179	190
Value [5]	.2	.2	.2	.3	.3	.3	.3	.8
Misc. forest products, value	.2	.3	.5	.5	.6	.7	.7	.6
Receipts, total	34.6	81.1	148.2	149.2	218.3	321.3	299.7	236.2
Timber use	30.3	75.4	140.1	138.8	205.6	306.8	283.9	217.0
Grazing use	3.4	3.8	4.5	3.5	4.1	4.4	4.4	5.4
Special land use, water power, etc.	9	2.0	3.6	6.9	8.6	10.0	11.4	13.7
Payments to States and Puerto Rico [6]	8.5	19.6	35.7	35.8	52.6	78.4	72.2	57.0
25-percent fund	8.4	19.4	35.2	35.3	51.8	77.5	70.8	55.6
Ariz. and N. Mex. school fund	.1	.1	.1	.1	.1	.1	.1	.1
Minnesota	(Z)	(Z)	.1	.1	.1	.3	.3	.3
Alaska (Tongass suspense account)	(NA)	(NA)	.2	.2	.5	.6	1.1	1.0
Allotments to Forest Service [7]	3.5	7.8	14.2	14.3	21.0	31.3	28.8	22.7

NA Not available. Z Less than $50 thousand.
[1] Number permitted to graze. Through 1955, excludes national grasslands and land utilization project lands. Calendar-year data. Excludes Puerto Rico. [2] Excludes animals under 6 months of age.
[3] Through 1965, excludes national grasslands. [4] Includes land exchanges.
[5] Includes some free use timber not reducible to board feet. [6] Payments made in following year.
[7] For use in following year.

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

No. 1044. National Forest System and Other Areas—States and Puerto Rico: 1971

[**In thousands of acres.** Gross area within unit boundaries as of June 30. See headnote, table 1039. See also *Historical Statistics, Colonial Times to 1957*, series L 1–2]

STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries	STATE OR OTHER AREA	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries
Total	**225,284**	**186,912**	**38,372**	Nebraska	441	351	90
				Nevada	5,423	5,096	326
Alabama	1,271	634	637	New Hampshire	805	683	122
Alaska	20,777	20,723	54	New Mexico	10,193	9,196	997
Arizona	12,083	11,423	660	New York	14	14	–
Arkansas	3,495	2,454	1,040	North Carolina	3,166	1,133	2,032
California	24,315	20,051	4,264	North Dakota	1,105	1,105	–
Colorado	15,864	14,360	1,504	Ohio	834	147	687
Connecticut	(Z)	(Z)	–	Oklahoma	460	290	170
Florida	1,225	1,081	144	Oregon	17,350	15,466	1,885
Georgia	1,912	837	1,075	Pennsylvania	742	495	246
Idaho	21,631	20,352	1,279				
Illinois	837	246	591	South Carolina	1,374	595	780
				South Dakota	2,269	1,986	284
Indiana	646	160	486	Tennessee	1,213	614	600
Iowa	(Z)	(Z)	–	Texas	1,834	776	1,058
Kansas	108	108	–	Utah	9,103	8,027	1,076
Kentucky	2,003	585	1,418	Vermont	629	242	387
Louisiana	1,017	595	423	Virginia	3,231	1,531	1,699
Maine	94	50	44	Washington	10,044	9,088	956
Michigan	4,791	2,684	2,107	West Virginia	1,857	947	910
Minnesota	5,042	2,785	2,257	Wisconsin	1,973	1,488	485
Mississippi	2,312	1,136	1,175	Wyoming	9,685	9,246	439
Missouri	2,995	1,434	1,561				
Montana	19,065	16,668	2,396	Puerto Rico	56	28	28

– Represents zero. Z Less than 500 acres. [1] See footnote 1, table 1039.

Source: U.S. Dept. of Agriculture, Forest Service, *National Forest System*, annual.

No. 1045. Forest Fires—Summary: 1950 to 1971

[**Area in thousands of acres; expenditures in thousands of dollars.** See also *Historical Statistics, Colonial Times to 1957*, series L 100–109]

ITEM	1950	1960	1965	1968	1969	1970	1971
Federal, protected area:[1]							
Forest area[2]	[3] 212,622	362,836	655,001	650,039	651,827	647,239	646,694
Number of fires	[3] 8,418	12,090	9,073	10,027	10,112	14,968	13,167
Area burned	[3] 391	622	146	1,205	4,112	719	1,719
State and private:[4]							
Forest area	426,694	434,830	502,317	515,000	543,092	566,252	613,971
Protected[5]	360,564	402,800	472,023	486,461	511,965	520,501	574,443
Unprotected	66,130	32,030	30,294	28,539	31,127	45,751	39,528
Number of fires	199,982	91,297	104,611	115,344	103,239	106,768	97,142
Protected	96,578	77,537	91,495	107,689	97,393	101,455	91,584
Unprotected	103,404	13,760	13,116	7,655	5,846	5,313	5,558
Area burned	15,127	3,856	2,506	3,027	2,577	2,560	2,958
Protected	3,407	1,909	1,206	1,633	1,582	1,541	1,825
Unprotected	11,720	1,947	1,300	1,394	995	1,019	1,133
Fire protection expenditures[6]	[7] 28,934	[7] 56,641	76,562	96,070	100,955	113,549	124,577
Federal	8,551	9,401	12,783	14,357	14,396	16,440	16,505
State and county	18,121	45,059	62,612	80,464	85,222	95,293	106,688
Private agencies	2,262	2,181	1,167	1,249	1,337	1,816	1,384
Total fires ... 1,000	208.6	103.4	133.7	125.4	113.4	121.7	110.3
On protected areas ... 1,000	105.2	89.6	100.6	117.7	107.5	116.4	104.8
Percent of total	50.4	86.7	88.5	93.9	94.8	95.6	95.0
Lightning ... 1,000	6.5	11.1	8.7	9.1	8.2	12.8	10.5
Campfires ... 1,000	3.8	3.6	3.4	3.0	3.5	3.8	3.6
Smoking ... 1,000	18.3	16.0	16.5	17.2	14.8	14.5	12.4
Debris burning ... 1,000	18.8	21.9	22.9	31.2	27.7	28.3	25.0
Incendiary (arson) ... 1,000	40.1	21.2	26.9	32.4	31.4	30.9	27.6
Equipment use[8] ... 1,000	(NA)	(NA)	6.7	8.4	8.4	3.4	3.5
Miscellaneous[9] ... 1,000	17.7	15.9	15.4	16.5	13.6	22.6	22.3

NA Not available.
[1] Comprises national forests, public domain, land administered by U.S. Dept. of the Interior, Soil Conservation Service, Tennessee Valley Authority, etc.
[2] Beginning 1965, includes nonforest watershed areas under U.S. Dept. of the Interior protection.
[3] Excludes Alaska and Hawaii. [4] For 1960, excludes Alaska.
[5] Includes nonforest watershed areas.
[6] For fire protection on State and private forest lands only, years ending June 30. [7] Excludes Alaska.
[8] Beginning 1970, data not comparable with prior years due to change of definition. Through 1969, figures represent "Machine Use."
[9] Prior to 1965, lumbering and railroads included in "Miscellaneous"; thereafter, in various other classifications, except data for 1971 include 7,105 railroad fires and 7,107 fires caused by children.

Source: U.S. Dept. of Agriculture, Forest Service, *Wildfire Statistics*, annual, and unpublished data.

No. 1046. Lumber Production, by Geographic Divisions: 1968 to 1970

[**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. For composition of divisions, see fig. I, p. xii. See *Historical Statistics, Colonial Times to 1957*, series L 36–44, for data by regions]

GEOGRAPHIC DIVISION	1968			1969			1970 (prel.)		
	Production	Percent	Standard error[1]	Production	Percent	Standard error[1]	Production	Percent	Standard error[1]
United States	**36,473**	**100.0**	(2)	**35,824**	**100.0**	(2)	**34,417**	**100.0**	(2)
New England	665	1.8	(2)	750	2.1	(2)	749	2.2	(2)
Middle Atlantic	908	2.5	(3)	929	2.6	(3)	830	2.4	(3)
East North Central	1,222	3.4	(2)	1,235	3.4	(2)	1,210	3.5	(2)
West North Central	592	1.6	(4)	627	1.8	(4)	611	1.8	(4)
South Atlantic	5,248	14.4	(2)	5,206	14.5	(2)	4,961	14.4	(2)
East South Central	3,350	9.2	(2)	3,573	10.0	(2)	3,432	10.0	(2)
West South Central	3,198	8.8	(2)	3,427	9.6	(2)	3,199	9.3	(2)
Mountain	4,603	12.6	(2)	4,435	12.4	(2)	4,174	12.1	(2)
Pacific	16,687	45.8	(2)	15,642	43.7	(2)	15,251	44.3	(2)

[1] See Technical Note, p. 697, 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: U.S. Bureau of the Census, *Current Industrial Reports*, series M24T.

No. 1047. Lumber Production, by Kind of Wood: 1950 to 1970

[In millions of board feet, lumber tally. Prior to 1965, excludes Alaska and Hawaii. Based on sample surveys; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series L 45-60]

KIND OF WOOD	1950	1955	1960	1965	1966	1967	1968	1969	1970 (prel.)
Total	**38,007**	**37,380**	**32,926**	**36,762**	**36,584**	**34,741**	**36,475**	**35,824**	**34,417**
Softwoods	**30,633**	**29,815**	**26,672**	**29,295**	**28,847**	**27,311**	**29,286**	**28,342**	**27,297**
Cedar	[1] 313	(S)	(S)	633	610	586	630	603	633
Douglas fir	9,984	10,414	8,832	8,783	8,528	7,822	8,532	8,059	7,727
Hemlock	1,508	1,568	2,032	2,576	2,490	2,257	2,186	1,902	1,988
Larch	246	346	418	441	421	405	400	363	355
Ponderosa pine	3,865	3,663	3,169	3,776	3,808	3,583	3,826	3,684	3,429
Redwood	875	991	1,000	1,087	1,038	939	1,049	1,083	1,078
Southern yellow pine	9,939	7,360	5,660	6,628	6,609	6,511	6,901	7,181	6,806
Engelmann and sitka	(NA)	(NA)	471	641	666	686	793	874	814
Sugar pine	425	390	408	464	507	495	541	490	459
White fir	1,114	2,059	2,224	2,422	2,321	2,116	2,394	2,135	2,063
White pine	1,292	1,105	(S)	[2] 1,151	[2] 1,111	[2] 1,085	[2] 1,111	[2] 1,032	[2] 1,025
Other softwoods	1,072	777	675	693	738	826	923	936	920
Hardwoods [3]	**7,374**	**7,565**	**6,254**	**7,467**	**7,737**	**7,430**	**7,189**	**7,482**	**7,120**
Ash	81	125	125	141	154	149	132	166	148
Basswood	([4])	119	92	87	90	77	68	70	60
Beech	325	226	195	182	175	163	159	200	187
Birch	137	144	126	109	104	99	95	113	113
Cottonwood [5]	225	327	206	198	211	202	190	220	229
Elm	([4])	198	195	206	208	200	212	180	153
Maple	546	568	602	786	658	715	704	745	735
Oak	3,347	3,716	2,789	3,356	3,675	3,424	3,319	3,410	3,270
Sweet (red and sap) gum	758	529	331	387	434	385	364	390	361
Tupelo and black gum	342	364	292	385	352	344	335	328	309
Yellow poplar	833	690	592	681	692	666	662	644	613
Other hardwoods	780	559	593	949	984	1,006	949	1,016	942

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 1960, includes estimate for western hardwoods, not reported by species. [4] Included in "Other hardwoods." [5] Includes aspen.

Source: U.S. Bureau of the Census, reports of Census of Manufactures and *Current Industrial Reports*, series M24T.

No. 1048. Lumber Production, Consumption, Stocks, Exports, and Imports: 1950 to 1971

[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	1965	1967	1968	1969	1970 (prel.)	1971 (prel.)
Production [1]	38,902	37,858	32,926	35,697	34,499	36,124	35,449	34,462	36,639
Softwoods	31,528	30,293	26,672	28,230	27,069	28,936	28,133	27,439	30,283
Hardwoods	7,374	7,565	6,254	7,467	7,430	7,188	7,316	7,023	6,356
Domestic consumption [2]	41,627	41,088	35,226	40,782	38,445	41,867	40,268	38,316	44,223
Softwoods	34,277	32,830	28,974	32,701	31,214	33,902	32,425	31,912	37,170
Hardwoods	7,350	8,258	6,252	8,081	7,231	7,965	7,843	6,404	7,053
Gross mill stocks [3]	6,183	8,669	7,352	5,605	5,751	5,004	5,354	6,326	5,266
Softwoods	4,207	5,386	5,285	4,539	4,351	4,166	4,704	4,848	4,282
Hardwoods	1,976	3,283	2,067	1,066	1,400	838	650	1,478	984
Ratio, mill stocks to consumption	15	21	21	14	15	12	13	17	12
Softwoods	12	16	18	14	14	12	15	15	12
Hardwoods	27	40	33	13	19	11	8	23	14
Exports [4]	518	844	861	922	1,134	1,159	1,135	1,290	1,097
Softwoods	407	652	688	777	955	1,024	1,018	1,152	927
Hardwoods	111	189	173	145	179	135	117	138	170
Imports [4]	3,423	3,597	3,922	5,233	5,146	6,156	6,304	6,116	7,619
Softwoods	3,140	3,327	3,631	4,895	4,798	5,808	5,849	5,769	7,246
Hardwoods	283	266	291	338	348	348	455	347	373

[1] Beginning 1965, includes Alaska. [2] Represents shipments and net imports. [3] End of year.
[4] 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. 1049. Industrial Timber Products from Roundwood—Summary: 1950 to 1971

[**In millions of cubic feet.** Excludes fuelwood. See also *Historical Statistics, Colonial Times to 1957*, series L 72–84]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Total:									
Domestic production [1]	8,525	9,225	8,920	10,540	10,410	10,960	10,910	11,030	11,515
Imports	1,520	1,610	1,675	2,100	2,160	2,395	2,515	2,420	2,745
Exports	140	340	455	715	955	1,120	1,140	1,355	1,180
Apparent consumption [2]	9,910	10,495	10,145	11,930	11,615	12,240	12,285	12,095	13,080
Saw logs:									
Domestic production	[3] 5,905	[3] 5,785	[3] 5,080	5,670	5,360	5,630	5,535	5,315	5,695
Imports	535	560	615	815	800	960	980	955	1,185
Exports	80	130	135	145	175	180	180	200	170
Apparent consumption	6,360	6,215	5,560	6,340	5,985	6,405	6,340	6,070	6,710
Veneer logs:									
Domestic production	345	575	705	1,030	1,030	1,060	960	995	1,130
Imports	5	40	60	100	110	165	180	170	210
Exports	(Z)	(Z)	(Z)	5	10	10	20	15	15
Apparent consumption	350	615	765	1,125	1,130	1,210	1,120	1,145	1,320
Pulpwood:									
Domestic production	[3] 1,500	[3] 2,200	2,575	3,095	3,190	3,385	3,585	3,865	3,880
Imports	935	975	985	1,175	1,240	1,260	1,340	1,275	1,335
Exports	50	180	275	380	460	525	570	710	635
Apparent consumption	2,385	3,000	3,290	3,890	3,970	4,120	4,355	4,435	4,585
Logs:									
Imports	45	35	20	10	15	15	15	25	15
Exports	10	25	45	190	310	405	375	430	360
Other products [3] [4]	770	630	510	560	515	485	455	425	450

Z Less than 500,000 cubic feet. [1] Includes log exports and other products.
[2] Includes log imports and other products. [3] Excludes Alaska and Hawaii.
[4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

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

No. 1050. Stumpage Prices for Selected Species: 1950 to 1971

[**In dollars per 1,000 board feet.** Represents average prices for sawtimber sold from National Forests. See also *Historical Statistics, Colonial Times to 1957*, series L 85–91]

SPECIES	1950	1955	1960	1965	1967	1968	1969	1970	1971
Softwoods:									
Douglas-fir	16.40	28.90	32.00	42.60	41.70	61.20	82.20	41.90	49.10
Southern pine	26.70	32.00	34.50	31.70	38.30	42.20	51.70	44.10	52.20
Ponderosa pine	18.30	26.10	19.10	19.80	22.20	30.20	71.00	32.10	37.70
Western hemlock	(NA)	(NA)	10.50	19.10	21.80	35.60	45.10	20.50	20.60
Hardwoods:									
All eastern hardwoods	(NA)	(NA)	22.80	25.00	27.00	23.60	30.20	26.90	24.60
Oak, white and red	(NA)	(NA)	23.40	21.30	16.80	17.30	28.20	26.60	21.20
Maple	(NA)	(NA)	35.00	31.90	46.80	31.30	41.10	34.40	37.90

NA Not available.

Source: U.S. Dept. of Agriculture, Forest Service. In *The Demand and Price Situation for Forest Products*, annual.

No. 1051. Selected Timber Products—Wholesale Price Indexes: 1950 to 1971

[1967=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
1950	86.6	150.1	81.0	67.9	81.2
1955	94.5	142.1	95.7	82.8	98.2
1960	92.1	110.6	102.2	92.7	104.6
1965	94.0	103.9	100.1	94.6	101.5
1966	100.1	109.2	100.0	97.5	102.2
1968	117.4	133.6	100.0	102.0	95.9
1969	131.5	140.0	100.0	106.0	99.4
1970	113.7	116.4	109.3	111.0	101.1
1971	135.5	131.2	112.0	114.1	102.4

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

Source: U.S. Bureau of Labor Statistics. Current data in *Monthly Labor Review*.

No. 1052. Millwork and Wood Products—Production: 1950 to 1971

ITEM	1950	1960	1965	1969	1970	1971 (prel.)
Hardwood flooring ... mil. bd. ft.	1,007	915	808	416	333	335
Softwood plywood ... mil. sq. ft., 3/8" basis	2,676	7,759	12,428	13,538	14,197	16,744
Insulation boards ... 1,000 short tons	838	1,098	1,258	1,352	1,292	1,382
Hardboard ... 1,000 short tons	381	686	1,093	1,421	1,443	1,732
Particleboard ... mil. sq. ft., 3/4" basis	(NA)	268	780	1,704	1,764	2,462
Softwood pine doors [1] ... 1,000 units	3,330	1,948	2,041	1,610	1,623	1,462
Hardwood doors [1] ... 1,000 units	1,221	3,763	5,307	4,854	4,883	5,668
Sash [1] ... 1,000 units	9,414	7,958	8,891	6,520	5,706	6,892
Window and door [1] ... 1,000 units	4,644	5,345	6,250	4,880	4,435	4,947

NA Not available.
[1] Covers only reports of shipments from members of National Woodwork Manufacturers' Association.

Source: U.S. Bureau of Domestic Commerce, *Construction Review*. Data compiled from reports of various trade associations and U.S. Bureau of the Census.

No. 1053. Naval Stores—Production: 1950 to 1972

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

PRODUCT BY TYPE OF EXTRACTION	1950	1960	1965	1968	1969	1970	1971	1972
Total turpentine	**673**	**637**	**679**	**628**	**652**	**617**	**576**	**569**
Gum	323	107	120	68	50	35	26	28
Wood	350	529	560	560	602	582	550	540
Steam distilled	200	176	157	140	129	103	95	85
Sulphate	148	353	402	420	473	480	455	455
Total rosin	**2,024**	**1,916**	**2,015**	**1,869**	**1,846**	**1,741**	**1,656**	**1,631**
Gum [1]	925	334	393	223	171	119	88	92
Wood, steam distilled [2]	1,099	1,199	1,036	965	960	830	768	734
Tall oil	–	383	586	681	714	793	800	805
Other products:								
Pine oil [3]	141	197	234	285	289	278	277	290
Other terpenes	74	94	125	100	101	99	79	83

– Represents zero. NA Not available.
[1] Thousands of drums of 517 pounds.
[2] Total primary production of FF wood rosin.
[3] Beginning 1965, data not comparable with earlier years due to change in reporting procedure.

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

No. 1054. Pulpwood—Production and Consumption: 1950 to 1971

[**In thousands of cords of 128 cubic feet.** Excludes Alaska prior to 1955 and Hawaii prior to 1962. See also *Historical Statistics, Colonial Times to 1957*, series L 61]

YEAR	Production [1]	CONSUMPTION			YEAR	Production [1]	CONSUMPTION		
		Total	Softwood	Hardwood			Total	Softwood	Hardwood
1950	20,712	23,627	20,406	3,221	1965	53,208	51,970	39,676	12,294
1955	30,948	33,356	27,728	5,628	1966	57,064	56,260	42,857	13,403
1960	40,011	40,485	32,061	8,424	1967	57,062	55,932	42,703	13,229
1961	40,272	42,191	33,095	9,097	1968	61,332	62,092	47,195	14,897
1962	42,772	44,070	34,193	9,877	1969	65,707	65,892	49,696	16,196
1963	44,708	46,435	35,661	10,774	1970	68,897	67,524	51,335	16,189
1964	49,219	50,659	39,329	11,330	1971 (prel.)	63,661	64,331	47,936	16,395

[1] Includes slabs, chips, and millwaste. Production is equal to receipts from domestic sources by woodpulp mills located in the United States.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M26A.

No. 1055. Woodpulp—Production, Imports, Exports, and Consumption: 1950 to 1971

[**In thousands of short tons.** Prior to 1965, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series L 64]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Total new supply	**17,138**	**22,319**	**26,556**	**35,728**	**38,122**	**42,508**	**44,750**	**44,086**	**45,286**
Production, total	14,849	20,740	25,316	33,993	36,677	40,892	42,813	43,663	43,946
Sulphate	7,502	11,290	14,590	21,509	23,998	27,156	28,609	29,519	28,776
Unbleached	5,709	7,665	8,681	12,698	13,894	15,609	16,209	16,268	15,781
Bleached and semi-bleached	1,793	3,625	5,909	8,811	10,104	11,547	12,400	13,251	12,995
Groundwood	2,216	2,729	3,292	3,595	3,885	4,178	4,416	4,404	4,778
Other	5,132	6,720	7,434	8,889	8,794	9,559	9,788	9,740	10,392
Imports [1]	2,385	2,213	2,381	3,137	3,166	3,532	4,040	3,513	3,514
Exports [1]	96	634	1,142	1,402	1,721	1,916	2,103	3,095	2,175
Consumption in paper and board [1]	16,509	21,454	25,700	34,006	36,994	41,303	43,700	43,394	43,611

[1] Source: American Paper Institute, Inc., New York, N.Y., *Wood Pulp Statistics*, annual.

No. 1056. Plywood and Particleboard: 1969 and 1970

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

PRODUCT		1969			1970		
		Production	Shipments [1]		Production	Shipments [1]	
			Quantity	Value		Quantity	Value
Hardwood plywood	**surface measure**	**1,980**	**1,649**	**347**	**1,864**	**1,575**	**305**
Veneer core, all types	surface measure	1,632	1,510	(NA)	1,574	1,476	(NA)
Technical and type I [2]	surface measure	21	11	(NA)	16	7	(NA)
Type II [3]	surface measure	1,521	1,419	(NA)	1,459	1,378	(NA)
Type III, dry bond	surface measure	90	80	(NA)	99	90	(NA)
Other core, all types	surface measure	255	87	(NA)	229	69	(NA)
Container and packaging type	surface measure	94	52	(NA)	61	30	(NA)
Softwood plywood	**3/8" basis**	**13,538**	**13,406**	**1,086**	**14,197**	**14,184**	**962**
Interior type	3/8" basis	6,101	6,004	447	5,684	5,696	360
Exterior type	3/8" basis	7,437	7,401	639	8,513	8,488	602
Particleboard	**3/4" basis**	**1,716**	**1,615**	**(z)**	**1,764**	**1,663**	**(z)**
Platen	3/4" basis	1,682	(NA)	(NA)	1,732	(NA)	(NA)
Extruded	3/4" basis	34	(NA)	(NA)	32	(NA)	(NA)

NA Not available. Z Less than $500,000.
[1] Includes interplant transfers. [2] Waterproof. [3] Moisture resistant.

No. 1057. Paper and Board—Production, by Grades: 1969 to 1971

[**In thousands of short tons.** Excludes Hawaii. "N.e.c." means not elsewhere classified]

GRADE	1969	1970	1971 (prel.)
All grades	**54,187**	**53,329**	**54,150**
Paper	**23,595**	**23,409**	**23,440**
Printing, writing, and related	14,499	14,369	14,437
Newsprint	3,253	3,345	3,287
Groundwood, uncoated	1,208	1,217	1,220
Coated printing and converted	3,348	3,277	3,282
Book, uncoated	2,654	2,603	2,656
Bleached bristols [1]	1,047	987	977
Writing and related, n.e.c.	2,989	2,939	3,016
Packaging and industrial converting	5,521	5,446	5,307
Unbleached kraft	3,780	3,793	3,649
Other, except unbleached kraft	1,297	1,239	1,244
Special industrial	443	414	414
Tissue	3,575	3,595	3,697
Sanitary	3,341	3,379	3,316
Other, excluding sanitary and thin	234	215	381

GRADE	1969	1970	1971 (prel.)
Paperboard	**26,069**	**25,465**	**25,846**
Solid woodpulp furnish	18,657	18,496	19,043
Packaging [2]	15,111	15,037	15,958
Unbleached kraft	11,698	11,632	11,793
Bleached	3,413	3,405	4,165
Semichemical	3,546	3,460	3,085
Combination furnish	7,411	6,969	6,803
Combination paperboard	5,640	5,276	4,842
Shipping container board	1,624	1,486	1,399
Bending	2,852	2,729	2,545
Nonbending	1,164	1,061	898
Special combination packaging [2]	1,771	1,694	1,961
Wet machine board	**148**	**139**	**127**
Shoe	51	44	(NA)
Binder's	(D)	(D)	(NA)
Other	(D)	(D)	(NA)
Const. paper and board	**4,376**	**4,316**	**4,737**
Construction paper	1,603	1,581	1,623
Structural insulating board	1,352	1,292	1,382
Hard pressed board	1,421	1,443	1,732

D Withheld to avoid disclosure of data for individual companies. NA Not available.
[1] Excludes cotton fibre index and bogus. [2] Includes industrial converting.

Source of tables 1055–1057: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*.

No. 1058. Paper and Board—Production, by Types: 1950 to 1971

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

TYPE	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Total	**24,375**	**30,178**	**34,444**	**44,091**	**46,892**	**51,245**	**54,187**	**53,329**	**54,150**
Paper	10,639	12,905	15,399	19,187	20,703	22,398	23,595	23,409	23,440
Paperboard	10,926	13,867	15,676	20,835	22,346	24,504	26,069	25,465	25,846
Wet machine board	165	179	175	144	146	155	148	139	127
Construction paper and board	2,646	2,328	3,194	3,925	3,697	4,189	4,376	4,316	4,737

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M26A.

No. 1059. Wastepaper Utilization and Salvage—United States and Western Europe: 1950 to 1970

[In thousands of short tons, except percent]

YEAR	UNITED STATES			WESTERN EUROPE		
	New supply of paper and board	Wastepaper consumption in paper and board	Salvage rate (percent)	New supply of paper and board	Wastepaper consumption in paper and board	Salvage rate (percent)
1950	29,012	7,956	27.4	9,810	2,391	24.4
1955	34,719	9,041	26.0	14,570	3,664	25.1
1960	39,138	9,032	23.1	21,010	5,374	25.6
1962	42,216	9,075	21.5	22,949	5,879	25.6
1963	43,715	9,613	22.0	24,660	6,168	25.0
1964	46,385	9,843	20.4	26,390	6,864	26.0
1965	49,102	10,231	20.9	27,930	7,248	26.0
1966	52,680	10,564	20.1	29,318	7,601	25.9
1967	51,945	9,888	19.0	30,012	7,909	26.4
1968	55,664	10,222	18.4	32,242	8,672	26.9
1969	58,786	10,590	18.0	35,714	9,396	26.3
1970	56,894	11,803	20.7	36,762	10,143	27.6

Source: American Paper Institute, Inc., New York, N.Y., *Wood Pulp Statistics*, annual.

No. 1060. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1950 to 1971

[In thousands of short tons, except price]

COUNTRY AND ITEM	1950	1955	1960	1965	1968	1969	1970	1971
Canada, including Newfoundland:								
Production	5,279	6,191	6,739	7,720	8,031	8,758	8,607	8,297
Shipments from mills	5,311	6,236	6,752	7,747	8,096	8,741	8,592	8,210
Stocks at mills, end of year	89	80	140	150	203	220	236	323
United States: [1]								
Consumption by publishers [2 3]	4,542	5,045	5,532	6,387	7,025	7,344	7,130	7,057
Production [3]	1,015	1,552	2,038	2,180	2,935	3,232	3,310	3,296
Shipments from mills [3]	1,017	1,550	2,031	2,183	2,946	3,233	3,303	3,288
Stocks, end of year: [3]								
At mills [3]	8	8	26	19	27	27	33	41
At and in transit to publishers	425	458	628	573	633	699	749	705
Imports [4]	4,864	5,164	5,412	6,323	6,463	6,790	6,635	6,881
Wholesale price, average [5] ... dol. per ton	102	126	134	132	141	146	151	157

[1] Excludes Alaska and Hawaii, except as noted.
[2] As reported by publishers accounting for about 74 percent of total newsprint consumption in 1970.
[3] Beginning 1965, includes Alaska and Hawaii.
[4] Based on reports of the U.S. Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.
[5] Source: U.S. Bureau of Labor Statistics. Standard newsprint, rolls, contract, delivered to principal ports. Annual averages.

Source: Except as noted, U.S. Bureau of Economic Analysis. Data from the American Newspaper Publishers Association, New York, N.Y., and Newsprint Division, American Paper Institute, Inc., New York, N.Y. In *Survey of Current Business*.

Section 25
Fisheries

This section presents statistics relating to commercial fishing and the fish processing industry. The principal source of these data is the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), of the U.S. Department of Commerce. The NMFS was formerly the Bureau of Commercial Fisheries, an agency of the U.S. Department of the Interior. For a list of publications, see "Fisheries" in Appendix III of this book.

The NMFS publishes monthly data on commercial landings of fish and shellfish, freezings, and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports for fisheries include calendar year data on quantity and value of commercial landings of fish and shellfish (by species, regions, State, and by type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual data on output of canned, packaged, and industrial products. Annual data are published on foreign trade in fishery products and per capita consumption of edible fishery products. The NMFS publishes annual data for wholesaling and fish processing establishments showing annual and seasonal employment, and number of firms, by product and State.

The first comprehensive survey of U.S. fisheries and fishery industries, made for the year 1880, did not include the Mississippi River and its tributaries. A complete survey was conducted in 1908 by the Bureau of the Census and in 1931 by the Bureau of Fisheries. 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.

The Census of Commercial Fisheries for 1963 and 1967, conducted by the Bureau of the Census in cooperation with the Bureau of Commercial Fisheries, shows information classified by fishing regions and selected ports on commercial fishing vessel operators and fishing vessels, employment, gross receipts, and operating costs. Also included are data on vessel construction material, 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. **1061.** Fisheries—Quantity and Value of Catch: 1930 to 1971

[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	1965	4,777	2,587	2,190	446	9.3
1940	4,060	2,675	1,385	99	2.4	1967	4,055	2,368	1,687	440	10.8
1945	4,598	3,167	1,431	270	5.9	1968	4,160	2,347	1,813	497	11.9
1950	4,901	3,307	1,594	347	7.1	1969	4,337	2,321	2,016	518	12.1
1955	4,809	2,579	2,230	339	7.1	1970	4,907	2,504	2,403	613	12.5
1960	4,942	2,498	2,444	354	7.2	1971 (prel.)	4,969	2,400	2,569	643	12.9

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

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1062. Fisheries—Employment, Fishing Craft, and Establishments: 1950 to 1970

ITEM	1950 [1]	1955	1960	1965	1967	1968	1969	1970
Persons employed [2] 1,000	263	242	224	215	220	217	224	219
Fishermen 1,000	161	144	130	129	132	128	130	132
Shore workers 1,000	102	98	94	87	89	89	94	87
Craft utilized [2]	92,310	81,340	77,057	79,532	81,328	80,611	77,057	83,497
Vessels, 5 net tons and over	11,496	11,796	12,018	12,311	12,874	13,037	12,018	13,187
Motorboats	46,067	58,218	56,889	63,828	66,075	65,529	56,889	68,197
Other boats	34,747	11,326	8,150	3,393	2,379	2,045	8,150	2,113
Fishery shore establishments	3,883	4,124	4,207	4,185	4,053	3,967	4,207	3,735

NA Not available. [1] Excludes Hawaii. [2] Exclusive of duplication.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1063. Commercial Fishing Vessel Operators: 1963 and 1967

[Receipts and payroll in thousands of dollars]

ITEM	1963			1967		
	Total	Operators with primary catch of—		Total	Operators with primary catch of—	
		Finfish	Shellfish, etc.		Finfish	Shellfish, etc.
Operators with paid employees:						
Number	9,251	5,377	3,874	10,267	5,523	4,744
Gross receipts	277,114	170,937	106,177	324,584	191,744	132,840
Employees, annual average	20,300	12,504	7,796	17,756	10,344	7,412
Payroll	102,332	66,938	35,394	106,417	66,381	40,036
Vessels	10,666	5,898	4,768	12,218	7,008	5,210
Operators with—						
Less than 5 employees	8,237	4,720	3,517	9,347	4,922	4,425
5–9 employees	590	367	223	629	387	242
10–19 employees	342	233	109	234	163	71
20–99 employees	79	54	25	57	51	7

No. 1064. Commercial Fishing Vessel Operators—States: 1963 and 1967

STATE	1963		1967	
	Number	Receipts [1] ($1,000)	Number	Receipts [1] ($1,000)
Total	9,251	277,114	10,267	324,584
N.E.	729	45,086	657	44,682
Maine	148	4,984	110	6,315
Mass.	450	35,325	429	34,447
R.I.	79	2,819	77	2,528
Conn.	52	1,958	41	1,392
M.A.	394	12,004	349	14,814
N.Y.	141	4,661	150	6,029
N.J.	244	7,235	158	7,316
Pa.	9	108	41	1,469
E.N.C.	337	4,685	256	4,995
Ohio	52	1,259	29	1,374
Ill.	6	294	4	53
Mich.	170	1,961	140	2,154
Wis.	109	1,171	83	1,414
W.N.C.	26	210	11	83
Minn.	19	151	11	83
S.A.	2,318	50,530	2,802	70,151
Del.	34	1,183	10	878
Md.	379	2,817	498	4,709
S.A.—Con.				
D.C.	–	–	3	25
Va.	572	9,905	727	13,729
N.C.	273	4,553	316	6,640
S.C.	127	1,318	115	3,671
Ga.	193	3,203	166	4,229
Fla.	740	27,551	967	36,270
E.S.C.	272	12,351	415	12,454
Ala.	125	3,261	224	6,333
Miss.	147	9,090	191	6,121
W.S.C.	1,373	47,121	1,592	61,712
La.	760	21,518	859	25,827
Tex.	613	25,603	733	35,885
Mt.	5	131	–	–
Pac.	3,797	104,996	4,185	115,693
Wash.	1,320	30,393	1,322	35,574
Oreg.	320	4,651	448	8,325
Calif.	980	44,196	1,175	44,834
Alaska	1,100	23,451	1,183	24,264
Hawaii	77	2,305	57	2,696

– Represents zero. [1] Gross.

Source of tables 1063 and 1064: U.S. Bureau of the Census, *Census of Commercial Fisheries, 1963* and *1967*.

No. 1065. Fisheries—Fishermen, Fishing Craft, and Catch, by Areas: 1970

[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 (mil. dol.)		
				Total	Fish	Shellfish	Total	Fish	Shellfish
United States	(NA)	(NA)	(NA)	4,907	4,007	900	613	327	286
New England States	22,218	686	11,955	531	451	80	91	40	51
Middle Atlantic States	8,469	450	4,021	140	68	72	30	6	24
Chesapeake Bay States	19,023	1,585	12,305	631	512	119	41	14	27
South Atlantic States	8,876	1,210	4,860	280	209	71	30	12	18
Gulf States	(NA)	(NA)	(NA)	1,698	1,404	294	166	41	125
Pacific Coast States	(NA)	(NA)	(NA)	[2] 1,470	1,214	[2] 256	[2] 235	195	[2] 40
Great Lakes States	1,470	231	614	72	72	–	6	6	–
Mississippi River States	14,580	–	13,924	74	66	8	10	9	1
Hawaii	1,436	82	786	11	11	(Z)	4	4	(Z)

– Represents zero. NA Not available. Z Less than 500,000 pounds or $500,000.
[1] Refers to craft having capacity of less than 5 net tons. [2] Includes whale products.

No. 1066. Fisheries—Catch and Value of Principal Species: 1950 to 1971

[**Catch in millions of pounds, value in millions of dollars.** 1950 excludes Hawaii]

Species	1950		1960		1965		1970		1971 (prel.)	
	Catch	Value	Catch	Value	Catch	Value	Catch	Value	Catch	Value
Fish:										
Cod, Atlantic	57	4	40	3	36	3	53	6	53	6
Flounder	132	12	127	13	180	18	[1] 169	[1] 23	[1] 157	[1] 22
Haddock	159	12	119	9	134	14	27	6	22	6
Halibut, Pacific	51	8	51	6	40	9	35	9	29	7
Herring, sea	364	3	239	4	110	2	79	2	87	2
Mackerel, Pacific and jack	166	3	118	2	74	2	57	2	65	3
Menhaden	1,026	10	2,018	20	1,726	27	1,837	34	2,190	36
Ocean perch, Atlantic	208	9	141	5	84	3	55	3	60	3
Salmon, Pacific	329	37	235	45	327	65	410	99	312	78
Tuna [2]	391	61	298	38	319	42	393	75	348	76
Whiting	67	1	112	3	83	2	45	4	33	2
Shellfish:										
Clams (meats)	41	11	50	12	71	17	99	29	83	31
Crabs	159	9	222	17	335	31	277	39	276	52
Lobsters, northern	23	8	31	14	30	22	34	33	33	35
Oysters (meats)	76	30	60	29	55	28	54	29	55	30
Shrimp (heads-on)	191	43	249	67	244	82	367	130	388	167

[1] Atlantic and Gulf. [2] Excludes landings of tuna by U.S. vessels in Puerto Rico.

Source of tables 1065 and 1066: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1067. Prices Received by Fishermen: 1950 to 1970

[**Cents per pound.** Based on prices received by the fishermen from the producer]

Item	Point of pricing	1950	1955	1960	1965	1968	1969	1970 [1]
Clams, soft	Maine	17.2	36.1	39.7	49.1	41.7	42.4	47.5
Cod	Massachusetts	7.2	6.8	7.6	9.4	8.5	10.7	11.2
Crabs, blue	Maryland, Virginia	(NA)	(NA)	5.5	7.6	11.1	9.2	6.6
Flounder	Massachusetts	11.1	12.6	12.2	9.5	11.4	13.7	15.3
Haddock	Massachusetts	8.5	6.8	9.0	10.2	15.1	19.0	22.7
Lobsters, northern	Maine	34.9	38.4	45.7	75.2	72.8	87.6	98.3
Menhaden	(No specific point)	1.0	1.3	1.0	1.6	1.3	1.9	1.6
Ocean perch	Maine, Massachusetts	4.4	3.8	4.0	4.1	3.9	4.2	5.0
Oysters, eastern	Maryland, Virginia	(NA)	(NA)	68.2	78.6	68.5	66.4	67.1
Salmon, chinook, troll-caught	(No specific point)	28.7	33.8	50.8	48.3	53.4	58.1	78.4
Salmon, coho, troll-caught	(No specific point)	27.5	24.5	40.8	30.1	39.5	43.0	50.4
Sea scallops	New Bedford, Mass.	46.6	52.3	34.9	67.5	111.9	110.8	136.7
Shrimp	South Atlantic, Gulf	(NA)	(NA)	44.4	58.0	76.4	81.5	75.4
Tuna, albacore	(No specific point)	[2] 15.7	16.6	15.7	15.7	20.3	21.9	26.7

NA Not available. [1] Preliminary. [2] For 1951.

Source: U.S. National Oceanic and Atmospheric Administration. For 1950–1968, *Prices Received by Fishermen*, H.S. No. 12. (C.F.S. No. 4657 Revised); thereafter, *Fishery Statistics of the United States*, annual.

No. 1068. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1950 to 1970

[**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	1950	1955	1960	1965	1967	1968	1969	1970
New England:								
Catch	1,006,590	955,418	851,964	702,181	625,340	634,748	568,266	531,272
Value	60,576	57,243	61,474	74,837	70,256	75,657	80,578	91,032
Maine: Catch	356,266	257,174	294,641	204,846	197,438	218,731	191,314	158,806
Value	14,689	16,083	20,071	21,922	22,973	25,614	27,533	30,672
New Hampshire: Catch	645	948	1,188	1,272	1,166	1,244	1,288	1,333
Value	219	345	430	637	683	666	734	828
Massachusetts: Catch	591,188	566,413	480,421	442,430	345,621	338,280	281,668	286,936
Value	40,768	35,057	35,947	46,147	39,068	41,585	42,273	47,012
Rhode Island: Catch	38,265	115,323	69,318	48,706	76,347	71,024	80,927	79,394
Value	2,788	4,738	3,846	4,624	5,764	6,262	3,518	10,867
Connecticut: Catch	20,226	15,560	6,396	4,927	4,768	5,469	3,698	4,803
Value	2,114	1,020	1,180	1,507	1,768	1,530	339	1,653
Catch, by species:								
Cod	53,968	32,369	35,255	35,465	43,870	48,598	56,891	52,651
Flounder	66,824	50,064	61,559	112,061	98,301	94,924	99,727	103,908
Haddock	157,765	135,029	118,615	133,878	98,438	70,628	45,809	26,881
Herring, sea	195,154	104,286	154,667	75,014	68,557	91,869	68,602	66,262
Lobster	22,559	27,624	29,260	28,530	24,766	30,034	30,711	30,413
Ocean perch	207,793	156,989	141,433	83,607	71,409	61,323	55,818	55,290
Whiting	65,464	110,630	103,637	75,377	59,909	71,734	39,301	40,131
Middle Atlantic:								
Catch	491,685	871,096	783,848	355,951	162,600	186,530	137,864	139,991
Value	28,843	28,937	21,757	24,681	23,686	25,163	25,538	29,915
New York: Catch	142,341	132,791	125,932	147,462	38,047	59,488	41,387	32,484
Value	15,502	9,498	8,781	12,387	12,711	14,326	14,040	16,117
New Jersey: Catch	188,623	421,286	373,688	160,440	123,688	126,369	92,862	97,547
Value	10,200	13,074	9,607	11,385	10,716	10,609	10,979	12,505
Delaware: Catch	160,721	317,019	284,228	48,049	865	673	3,615	9,960
Value	3,141	6,365	3,369	909	259	228	519	1,293
Catch, by species:								
Clams	21,681	16,671	31,776	52,240	54,521	45,259	52,383	63,304
Menhaden	372,946	763,827	670,799	151,011	46,538	86,262	43,755	31,470
Oysters	18,170	9,848	1,154	757	1,190	1,538	1,322	1,412
Scup	20,556	20,686	26,638	16,635	7,307	6,220	5,255	4,331
Chesapeake Bay:								
Catch	380,892	496,208	435,797	591,534	422,317	437,858	354,082	630,450
Value	25,007	31,601	34,861	40,189	35,449	36,559	36,110	40,543
Maryland: Catch	67,092	55,249	69,113	86,672	74,666	55,788	74,831	79,897
Value	8,888	11,147	13,936	13,220	17,356	16,009	18,184	18,566
Virginia: Catch	313,800	440,959	366,684	504,862	347,651	382,070	279,251	550,553
Value	16,119	20,454	20,925	26,969	18,093	20,550	17,926	21,977
Catch, by species:								
Alewives	34,628	26,988	18,989	38,292	30,444	36,282	33,904	21,110
Clams	1,701	3,950	7,823	10,878	8,548	13,322	17,942	22,689
Crabs	80,046	45,128	70,716	86,334	82,815	55,994	60,876	69,841
Menhaden	170,912	315,359	248,905	359,946	223,268	274,077	181,651	449,797
Oysters	29,954	39,227	27,111	21,188	25,798	22,679	22,157	24,668
South Atlantic:								
Catch	260,881	346,574	378,879	356,652	353,344	339,438	318,709	280,167
Value	18,944	17,274	20,230	26,789	25,026	32,943	36,357	29,840
North Carolina: Catch	172,338	233,096	265,248	233,961	225,088	232,175	219,034	173,442
Value	6,800	7,284	7,020	9,241	8,328	9,706	12,525	9,365
South Carolina: Catch	14,726	22,033	24,252	26,611	18,868	21,323	20,648	16,066
Value	2,810	2,487	4,039	4,928	3,220	5,610	5,248	4,268
Georgia: Catch	17,351	19,025	27,968	20,059	16,382	14,338	15,665	14,415
Value	3,584	2,472	3,391	4,140	3,655	6,210	6,505	4,163
Florida (east coast):								
Catch	56,466	72,420	61,411	76,021	93,006	71,602	63,362	76,244
Value	5,750	5,031	5,780	8,480	9,823	11,417	12,079	12,044
Catch, by species:								
Crabs	20,275	32,606	44,927	46,432	37,546	33,191	41,481	63,872
Menhaden	147,125	227,811	215,023	192,275	193,778	191,382	164,874	108,245
Shrimp	36,481	28,539	31,214	26,191	20,598	24,285	27,306	26,610

No. 1068. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1950 to 1970—Continued

[**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	1950	1955	1960	1965	1967	1968	1969	1970
Gulf States:								
Catch	570,641	829,638	1,265,950	1,463,475	1,180,781	1,288,908	1,614,506	1,698,104
Value	50,358	76,287	85,459	113,542	127,406	138,968	152,320	166,581
Florida: [1] Catch	62,013	105,756	135,535	135,866	114,408	102,873	116,525	116,470
Value	9,955	21,190	21,048	26,866	23,118	25,177	29,524	31,222
Alabama: Catch	10,988	13,441	12,106	17,789	26,412	29,706	28,515	29,620
Value	2,122	2,265	3,003	4,986	8,300	10,078	10,548	9,937
Mississippi: Catch	93,023	188,387	314,214	368,385	262,059	243,276	306,936	297,767
Value	5,441	6,725	7,606	9,264	8,986	10,329	10,528	11,101
Louisiana: Catch	307,366	391,953	566,411	787,087	639,675	763,969	1,003,160	1,107,251
Value	21,575	22,378	25,949	36,852	37,280	43,623	54,426	61,072
Texas: Catch	97,251	130,101	237,684	154,348	138,227	149,084	159,370	146,996
Value	11,265	23,729	27,853	35,574	49,722	49,761	47,294	53,249
Catch, by species:								
Crabs	19,218	20,337	35,768	37,879	28,529	27,329	34,644	39,027
Menhaden	326,030	480,992	840,907	1,022,837	700,088	823,356	1,155,203	1,415,446
Mullet	23,892	27,508	32,708	33,918	29,280	25,292	30,080	30,236
Oysters	12,292	13,881	16,098	19,156	21,747	26,739	19,765	18,541
Shrimp	151,753	212,402	205,725	195,237	225,731	204,024	200,429	255,109
Great Lakes: [2]								
Catch [3]	70,882	76,754	68,243	55,905	83,565	68,983	68,536	71,561
Value [3]	10,846	9,699	7,133	5,832	6,050	5,863	6,060	6,432
Superior: Catch	12,584	13,581	13,771	8,748	7,895	6,573	5,239	5,009
Value	1,977	1,886	1,301	1,063	1,133	1,004	975	771
Michigan: Catch	27,078	30,036	24,311	26,994	58,951	45,810	47,489	53,091
Value	3,661	3,221	2,447	2,426	2,963	3,087	3,028	3,819
Huron: Catch	5,073	4,553	6,338	4,673	3,211	2,678	2,897	2,410
Value	411	484	1,249	776	476	439	493	404
Erie: Catch	23,982	26,796	21,258	13,524	11,615	11,921	11,049	9,546
Value	4,572	3,954	1,920	1,414	1,326	1,166	1,428	1,265
Pacific Coast:								
Catch	1,997,542	1,115,427	1,060,825	1,146,725	1,134,735	1,117,449	1,195,934	1,470,162
Value	139,199	106,532	112,118	148,363	140,377	170,394	177,416	234,795
Washington: Catch	118,694	155,305	113,115	127,357	174,770	125,037	144,012	133,638
Value	19,071	20,906	15,551	18,477	24,919	20,517	27,138	29,516
Oregon: Catch	58,256	46,710	49,160	69,145	91,632	94,498	87,230	98,089
Value	7,151	5,683	6,055	8,816	16,284	16,692	16,999	22,962
California: Catch	1,338,299	598,089	540,837	458,028	506,988	448,173	578,602	702,720
Value	81,605	53,175	49,578	50,743	51,384	54,092	62,844	86,392
Alaska: Catch	482,293	315,323	357,713	492,195	361,345	449,741	386,090	535,715
Value	31,372	26,768	40,934	70,327	47,790	79,093	70,435	95,925
Catch, by species:								
Crabs	23,810	20,004	64,847	160,913	170,595	135,606	117,492	125,581
Flounder	49,799	46,912	47,683	46,463	46,159	44,571	47,229	45,948
Halibut	12,455	22,410	50,932	40,497	39,778	25,740	33,205	34,347
Herring	1,864	2,413	83,820	34,543	18,299	14,973	21,682	12,200
Mackerel	32,650	23,310	36,810	27,050	1,167	3,134	2,357	622
Pilchard or sardine	619,498	145,608	57,533	1,924	149	124	105	443
Salmon	328,644	289,880	235,447	326,806	216,664	327,609	267,828	410,119
Shrimp	3,954	4,825	12,418	20,091	54,462	56,406	62,527	92,859
Tuna	389,891	269,362	287,765	296,485	314,750	281,186	315,023	378,370
Mississippi River and tributaries: Catch	105,796	103,166	85,605	84,755	80,571	72,892	69,363	73,650
Value	10,104	8,205	7,829	7,844	8,380	8,259	8,656	9,779
Hawaii: Catch	15,917	15,096	11,118	19,588	11,842	12,896	9,543	11,051
Value	3,508	3,113	2,704	3,602	3,077	3,451	3,483	3,900
Tuna catch	11,918	11,958	9,020	17,450	9,268	10,342	7,140	8,539

[1] West coast. [2] Collected largely by State fishery agencies, and compiled by National Marine Fishery 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.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1069. Fishery Products—Supply: 1955 to 1971

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

ITEM	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Total	7,121	8,223	10,535	13,991	17,381	11,847	11,464	11,755
For human food	3,911	4,264	5,163	4,849	5,579	5,674	6,180	5,982
For industrial use	3,210	3,959	5,372	9,142	11,802	6,173	5,284	5,773
Domestic catch	4,809	4,942	4,777	4,055	4,160	4,337	4,907	4,969
Percent of total	67.5	60.1	45.3	29.0	23.9	36.6	42.8	42.3
For human food	2,579	2,498	2,587	2,368	2,347	2,321	2,504	2,400
For industrial use [1]	2,230	2,444	2,190	1,687	1,813	2,016	2,403	2,569
Imports [2]	2,312	3,281	5,758	9,936	13,221	7,510	6,557	6,786
Percent of total [2]	32.5	39.9	54.7	71.0	76.1	63.4	57.2	57.7
For human food [2]	1,332	1,766	2,576	2,481	3,232	3,353	3,676	3,582
For industrial use [1]	980	1,515	3,182	7,455	9,989	4,157	2,881	3,204

[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 tuna caught by foreign vessels in American Samoa.

Source: U.S. National Oceanic and Atmospheric Administration, *Fisheries of the United States*, annual.

No. 1070. Fisheries—Disposition of Domestic Catch: 1950 to 1971

[**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	1965	1967	1968	1969	1970 (prel.)	1971 (prel.)
Total	4,884	4,794	4,942	4,777	4,055	4,160	4,337	4,907	4,969
Fresh and frozen	1,692	1,568	1,631	1,751	1,575	1,543	1,520	1,550	1,487
Canned	1,720	1,039	1,043	1,042	1,001	1,017	993	1,151	1,063
Cured	100	86	82	76	77	67	68	72	75
Reduced to meal, oil, etc.	1,372	2,101	2,186	1,908	1,402	1,533	1,756	2,134	2,344

Source: U.S. National Oceanic and Atmospheric Administration, *Fisheries of the United States*, annual.

No. 1071. Fishery Products—Per Capita Consumption: 1950 to 1971

[Pounds of edible meat]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970 (prel.)	1971 (prel.)
Total	11.8	10.5	10.3	10.9	10.8	11.0	11.2	11.8	11.2
Fresh and frozen	6.3	5.9	5.7	6.0	6.0	6.2	6.6	6.9	6.5
Fish	(NA)	(NA)	3.8	3.8	3.9	4.0	4.4	4.5	4.2
Shellfish	(NA)	(NA)	1.9	2.2	2.1	2.2	2.2	2.4	2.3
Canned	4.9	3.9	4.0	4.4	4.3	4.3	4.2	4.5	4.3
Mackeral (Pacific and jack)	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
Salmon	1.4	1.0	0.7	0.9	0.5	0.7	0.7	0.7	0.7
Sardines (pilchard and herring)	1.4	0.6	0.4	0.3	0.4	0.4	0.3	0.3	0.4
Tuna	1.1	1.4	2.0	2.3	2.4	2.4	2.4	2.5	2.4
Shellfish	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5
Other	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.1
Cured	0.6	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4

NA Not available.

Source: U.S. National Oceanic and Atmospheric Administration, *Fisheries of the United States*, annual.

No. 1072. Canned Fishery Products—Production and Value, by Species: 1960 to 1971

[See also *Historical Statistics, Colonial Times to 1957*, series L 176–195]

Product	Production (mil. lb.)					Value (mil. dol.)				
	1960	1965	1969	1970	1971 (prel.)	1960	1965	1969	1970	1971 (prel.)
Total	**1,084**	**1,122**	**1,168**	**1,346**	**1,352**	**388**	**495**	**576**	**742**	**763**
Salmon	136	174	122	183	163	88	123	90	139	130
Sardines, Maine [1]	74	30	24	19	22	21	11	12	11	11
Tuna	301	358	398	438	439	173	233	297	381	413
Mackerel	42	32	17	8	17	6	5	3	2	3
Shrimp	14	16	21	25	21	17	21	28	37	34
Clam products	45	68	63	65	71	14	18	22	26	26
Oysters	6	4	2	2	3	6	4	2	2	5
Other	464	440	520	606	616	63	81	121	144	141

[1] Also known as Atlantic sea herring. For 1960 and 1965, includes California sardines, which are included in "Other" thereafter.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1073. Industrial Fishery Products—Production and Value: 1950 to 1971

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

Product	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Scrap and meal:									
Production ... 1,000 tons	240	265	290	254	211	235	253	269	292
Value ... mil. dol.	29	35	25	36	26	30	40	46	44
Oil, except Vitamin:									
Production ... mil. gal.	21	24	27	[1] 25	16	22	22	27	34
Value ... mil. dol.	14.0	14.3	13.0	14.9	6.1	7.3	9.3	18.2	20.7
Vitamin oil, value ... mil. dol.	**3.4**	**.6**	**.4**						

[1] Includes a small amount of vitamin oil.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1074. Fishery Products—Imports and Exports: 1950 to 1971

[**Quantity in millions of pounds; value in millions 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	
1950	198	640	158	40	27	122	19	9
1955	259	780	209	50	40	110	25	15
1960	363	1,095	311	53	44	61	26	19
1965	601	1,399	479	121	69	96	49	20
1967	708	1,470	538	170	82	108	68	15
1968	823	1,741	643	180	68	91	57	11
1969	844	1,707	705	139	105	141	86	18
1970	1,037	1,873	813	225	117	140	94	24
1971 (prel.)	1,074	1,785	887	187	139	172	114	26

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from data furnished by U.S. Bureau of the Census.

No. 1075. Fresh and Frozen Fish and Frozen Fishery Products: 1960 to 1971

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

PRODUCT	PRODUCTION (mil. lb.)					VALUE (mil. dol.)				
	1960	1965	1969	1970	1971 (prel.)	1960	1965	1969	1970	1971 (prel.)
Fresh and frozen packaged fish	153.2	168.8	137.6	133.5	125.9	48.4	66.3	69.5	74.8	74.3
Cod	9.5	10.0	15.4	13.6	14.7	2.9	3.5	7.0	7.4	9.0
Flounder	28.4	49.6	46.2	46.7	38.3	11.2	20.3	25.0	28.7	29.2
Haddock	33.3	40.2	13.4	8.9	6.7	10.8	16.3	8.5	6.9	6.6
Ocean perch, Atlantic	43.6	22.7	14.6	16.0	18.3	10.2	6.2	4.0	4.9	6.1
Whiting	3.0	2.3	0.9	0.8	0.5	.6	.5	.3	.3	.2
Other	35.5	44.1	47.1	47.6	47.3	12.8	19.6	24.7	26.6	23.2
Frozen fishery products	19.6	366.8	352.7	388.3	362.0	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1076. Processed Fishery Products—Summary: 1960, 1970, and 1971

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

PRODUCT	1960		1970		1971 (prel.)	
	Production	Value ($1,000)	Production	Value ($1,000)	Production	Value ($1,000)
Total	(X)	812,847	(X)	1,726,514	(X)	(NA)
Packaged products, fresh and frozen	584,220	315,812	1,157,655	800,319	(NA)	(NA)
Fish:						
Not breaded:						
Fillets and steaks, raw	153,166	48,437	133,508	74,830	125,870	74,286
Dressed	(NA)	(NA)	31,980	9,070	(NA)	(NA)
Other [1]	6,166	1,262	10,447	4,516	(NA)	(NA)
Breaded, raw and cooked:						
Sticks	65,142	28,671	115,924	57,722	97,776	56,807
Fillets, portions, and steaks	51,924	18,965	295,476	136,915	227,824	116,400
Shellfish:						
Not breaded	191,749	138,022	327,545	343,163	(NA)	(NA)
Breaded, raw and cooked	84,221	57,412	118,722	129,444	(NA)	(NA)
Specialties, fish and shellfish	31,852	23,043	124,053	44,659	(NA)	(NA)
Canned products	1,083,556	387,595	1,345,891	741,760	1,351,940	763,498
Fish and shellfish for human consumption	661,066	342,747	805,178	632,625	809,206	656,532
Salmon eggs for bait	718	869	1,010	3,904	495	2,827
Animal food	421,772	43,979	539,703	105,231	542,239	104,139
Cured fish	68,319	42,845	70,876	76,938	(NA)	(NA)
Salted (includes spiced and pickled) [2]	35,950	14,388	38,793	30,503	(NA)	(NA)
Smoked	31,512	27,557	30,845	42,811	(NA)	(NA)
Sun dried (includes freeze dried)	857	900	1,238	3,624	(NA)	(NA)
Industrial products	(X)	66,595	(X)	107,497	(X)	105,679
Meal and scrap ... 1,000 tons	290	25,282	269	46,353	292	44,454
Oil (body and liver) ... 1,000 gallons	27,886	13,386	26,591	18,185	33,851	20,730
Fish solubles ... 1,000 tons	[3] 99	[3] 4,021	95	4,946	110	4,989
Oyster shell grit and lime ... 1,000 tons	471	6,821	204	3,409	229	4,128
Shell buttons [4] ... 1,000 gross tons	1,949	3,253	(X)	34,604	(X)	31,378
Other [5]	(X)	13,832				

NA Not available. X Not applicable.

[1] Includes unbreaded portions and whale meat for animal feeding.

[2] Includes lutefisk from dried cod.

[3] Includes homogenized condensed fish. [4] Fresh water mussel and marine shell.

[5] Includes processed seal skins in South Carolina for 1970.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1077. Selected Fishery Products—Imports and Exports: 1960 to 1971

[**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	1960		1965		1970		1971 (prel.)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
IMPORTS								
Edible:								
Fresh or frozen:								
Whitefish (exc. fillets)	14,483	5,520	13,382	5,278	8,447	4,742	7,230	4,051
Halibut (exc. fillets)	24,124	5,832	21,726	7,508	18,213	8,124	19,971	8,228
Salmon (exc. fillets)	13,472	6,340	7,861	5,154	7,448	6,656	7,684	6,027
Sea herring	74,682	1,728	117,993	2,222	103,924	1,852	76,212	1,818
Smelt	8,437	1,402	8,800	1,308	8,489	1,570	7,807	1,454
Swordfish (exc. fillets)	7,256	2,994	7,193	3,784	8,779	4,973	169	87
Tuna	234,648	29,595	339,221	48,501	442,769	100,524	473,764	111,284
Groundfish fillets	155,550	33,265	294,954	73,934	428,762	134,632	482,618	181,679
Other fillets and steaks	61,713	20,955	74,724	30,078	136,102	63,592	114,289	54,557
Lobster and spiny lobster	53,749	44,767	56,411	68,701	54,854	93,792	59,627	129,370
Shrimp and prawn	113,418	56,406	160,287	111,277	214,839	196,843	188,558	193,646
Canned:								
Anchovies, in oil	5,160	2,173	4,543	3,617	5,457	6,295	3,984	4,543
Salmon	19,113	7,541	101	80	2,441	1,577	1,551	1,132
Sardines, in oil	21,236	8,330	21,532	10,241	34,070	15,820	31,034	15,641
Sardines and herring, not in oil	16,732	3,467	31,435	6,383	25,271	8,337	30,373	10,122
Tuna	51,755	19,142	59,961	20,428	72,262	44,309	59,842	42,355
Bonito and yellowtail	9,904	2,298	3,932	1,043	1,232	524	2,525	968
Crab meat	4,507	5,514	4,166	4,935	2,765	5,283	3,723	6,474
Lobster, common and spiny	2,939	5,239	2,980	7,336	2,483	7,966	2,397	8,235
Pickled or salted:								
Cod, haddock, hake, pollock, and cusk	47,355	9,435	41,541	8,810	41,226	13,631	37,927	16,548
Herring	29,294	3,924	26,742	3,756	30,602	5,432	26,770	4,902
Nonedible (scrap and meal)	**264,000**	**11,068**	**542,000**	**30,720**	**502,000**	**37,713**	**566,000**	**38,253**
EXPORTS								
Canned:								
Salmon	11,924	9,830	24,892	15,916	16,811	13,134	18,232	15,929
Mackerel	1,305	211	2,174	401	98	20	78	9
Sardines	21,219	3,508	3,376	990	1,456	670	890	435
Fish oil, nonedible	**143,659**	**10,688**	**103,807**	**9,208**	**158,787**	**15,699**	**229,898**	**19,312**

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual. Compiled from data furnished by U.S. Bureau of the Census.

No. 1078. Pollution-Caused Fish Kill, by Source of Pollution and Type of Water: 1965 to 1971

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

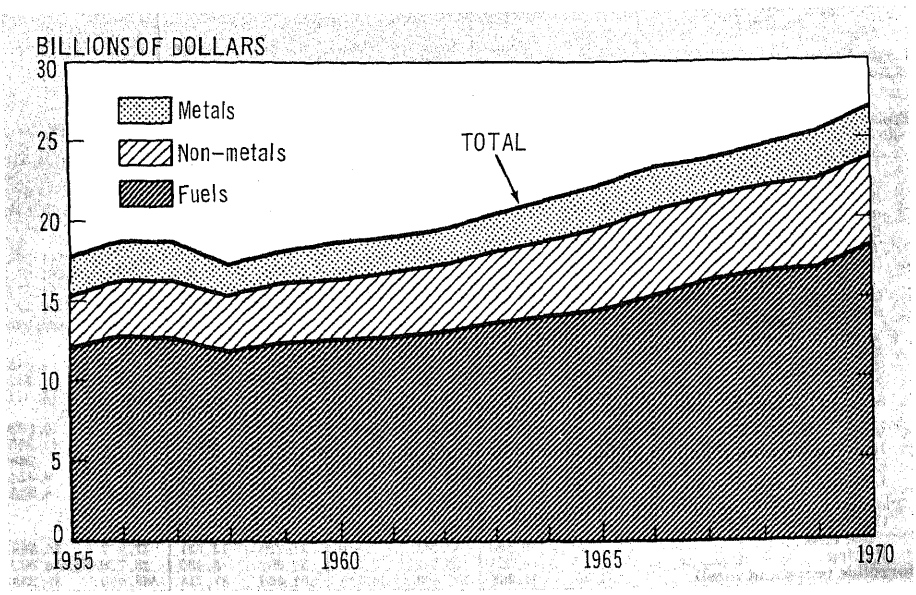
Item	1965	1969	1970	1971
Number of reports	446	382	560	[1] 860
Fish reported killed	**11,393**	**40,637**	**22,286**	[1] **73,625**
Source of pollution:				
Agricultural operations	1,390	6,294	1,810	1,023
Insecticides, poisons, etc	771	5,983	1,410	265
Fertilizers	3	74	4	66
Manure-silage drainage	617	237	396	693
Industrial operations	3,764	28,680	9,589	4,644
Chemicals	219	922	429	2,400
Food and kindred products	537	26,711	2,708	72
Mining	295	537	622	221
Paper and allied products	495	18	609	46
Petroleum	1,516	106	40	233
Combinations	492	29	3,620	1,120
Other	211	357	1,561	552
Source of pollution—Continued				
Municipal operations	5,912	1,155	6,602	24,799
Refuse disposal	17	42	9	81
Sewerage systems	5,211	413	6,513	21,353
Water systems	604	3	20	86
Other	79	[2] 697	[1] 60	3,279
Transportation operations	307	2,057	465	664
Pipeline	197	346	50	5
Truck	106	56	85	441
Other	3	1,655	330	218
Other operations	21	2,451	3,820	7,245
Unknown	–	–	–	35,249
Type of water:				
Fresh	11,256	34,956	11,991	[1] 15,206
Salt	102	641	536	[1] 2,015
Estuary	36	5,040	9,759	[1] 56,404
Average duration of kill ... days	2.6	3.1	3.3	[1] 3.4

– Represents zero. [1] Includes unknown.
[2] Includes 696,596 in 1969, and 58,100 in 1970 killed by power operations.

Source: U.S. Environmental Protection Agency, Water Quality Office, *Pollution-Caused Fish Kills*, annual.

FIG. XLVII. CONSTANT (1967) DOLLAR VALUE OF MINERAL PRODUCTION: 1955 TO 1970

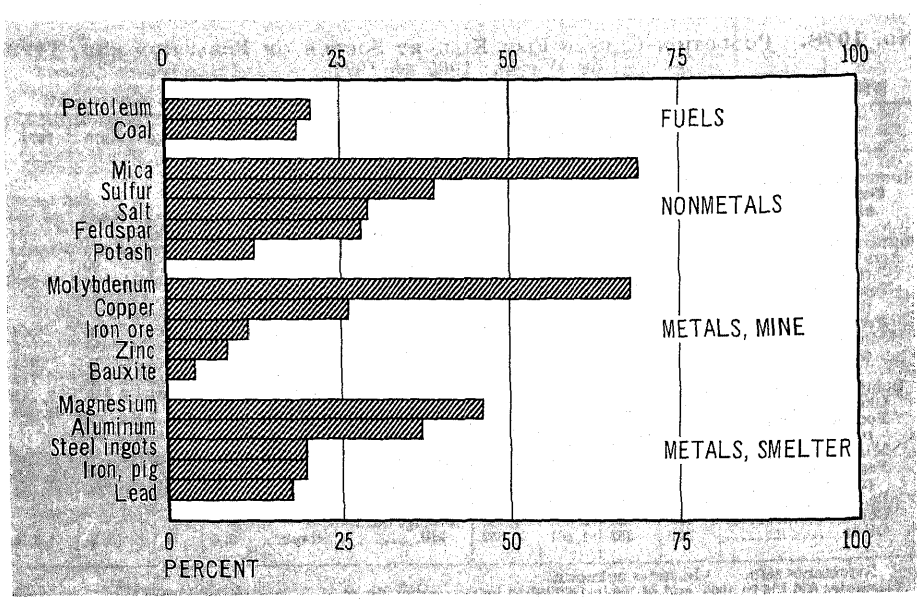
[See table 1081]



Source: Chart prepared by U.S. Bureau of the Census. Data from U.S. Bureau of Mines.

FIG. XLVIII. U.S. MINERAL PRODUCTION AS PERCENT OF WORLD TOTAL: 1970

[See table 1085]



Source: Chart prepared by U.S. Bureau of the Census. Data from U.S. Bureau of Mines.

Section 26

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, Department of the Interior. It consists of volume I–II, *Metals, Minerals, and Fuels*; volume III, *Area Reports—Domestic*; and volume IV, *Area Reports—International*. Another major government source is the Census of Mineral Industries, conducted every 5 years by the Bureau of the Census. Non-government sources from which data are presented in this section include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, D.C.; *Metals Week* and the monthly *Engineering and Mining Journal*, issued 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 Geological Survey or by the Bureau of Mines since 1880. Current data available from Bureau of Mines publications include quantity and value of minerals produced, sold or used by producers, or shipped; quantity 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, employment, and accidents and injuries in the mineral industries.

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, 1963, and 1967. The 1967 census is the most recent for which complete data are available. The censuses 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, and on aluminum, magnesium, copper, clay, and other manufactured mineral products appear in section 28, Manufactures; summary data for outlying areas of the United States appear in section 31; and selected data on an international basis are presented 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 1083. 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 United States 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.

No. 1079. National Income Originating in Mining: 1950 to 1970

[**In millions of dollars.** 1950 excludes Alaska and Hawaii. For definition of national income, see text, p. 310]

ITEM	1950	1960	1965	1967	1968	1969	1970
Total	5,249	5,732	6,432	6,345	6,702	6,781	7,448
Metal mining	651	817	1,025	667	888	973	1,113
Coal mining	1,997	1,257	1,361	1,453	1,429	1,513	1,944
Crude petroleum and natural gas	2,062	2,734	2,775	2,995	3,153	3,045	3,140
Mining and quarrying, nonmetallic minerals	539	924	1,271	1,230	1,232	1,250	1,251

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1965*, and *Survey of Current Business*, July 1971.

No. 1080. Mineral Production—Value: 1951 to 1971

[**In millions of dollars.** Prior to 1953, excludes Alaska and Hawaii. For products covered, see table 1083. Through 1968, uranium included with metals; thereafter, with fuels. See also *Historical Statistics, Colonial Times to 1957*, series M 13–14, M 20, and M 30]

YEARLY AVERAGE OR YEAR	Total	Metals	Non-metals	Fuels	YEAR	Total	Metals	Non-metals	Fuels
1951–1955	14,285	1,734	2,480	10,070	1966	22,968	2,703	5,176	15,088
1956–1960	17,557	1,936	3,595	12,026	1967	23,729	2,333	5,200	16,195
1961–1965	19,768	2,155	4,387	13,226	1968	24,971	2,703	5,448	16,820
1966–1970	25,676	2,999	5,432	17,244	1969	26,921	3,332	5,624	17,965
1960	18,032	2,022	3,868	12,142	1970	29,791	3,926	5,712	20,153
1965	21,524	2,544	4,933	14,047	1971 (prel.)	30,073	3,370	5,900	20,803

No. 1081. Bureau of Mines Index and Constant Dollar Value of Mineral Production: 1955 to 1970

[Includes Puerto Rico and outlying areas of United States, 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 (1967=100)				VALUE OF PRODUCTION IN CONSTANT (1967) DOLLARS [1] (mil. dol.)			
	All minerals	Metals	Non-metals	Fuels	All minerals	Metals	Non-metals	Fuels
1955	75.4	109.8	65.6	74.8	17,742	2,396	3,281	12,065
1960	79.1	104.4	76.1	77.5	18,678	2,336	3,826	12,516
1965	93.5	114.5	97.6	89.2	22,207	2,644	5,096	14,467
1966	98.7	121.2	101.9	94.5	23,439	2,801	5,320	15,318
1967	100.0	100.0	100.0	100.0	23,729	2,333	5,200	16,195
1968	104.1	110.8	103.4	103.4	24,700	2,574	5,373	16,753
1969	110.1	127.9	105.5	109.1	25,410	2,964	5,498	16,948
1970	110.9	135.8	105.7	109.1	26,960	3,051	5,555	18,354

[1] Values deflated by the index of implicit unit value.

Source of tables 1080 and 1081: U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data.

No. 1082. Federal Reserve Board Production Indexes—Mining and Metals: 1950 to 1971

[1967=100. See *Historical Statistics, Colonial Times to 1957*, series M 63–66, for indexes on 1947–49 base]

ITEM	1950	1955	1960	1965	1968	1969	1970	1971 (prel.)
Mining	66	80	83	94	104	107	110	107
Coal, oil, and gas	(NA)	81	81	92	103	106	109	108
Coal	106	90	79	94	98	101	106	99
Oil and gas extraction	59	79	81	91	104	107	110	109
Metal, stone, and earth minerals	(NA)	76	90	103	107	112	112	105
Metal mining	75	91	111	114	111	125	131	121
Stone and earth minerals	51	65	75	95	104	103	99	93
Primary metals	71	85	74	104	103	114	107	101
Iron and steel	(NA)	95	79	106	104	113	105	97
Nonferrous metals and products	(NA)	65	64	99	103	116	110	109

NA Not available.

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

No. 1083. Mineral Production, 1960 to 1970, and Principal Producing States, 1970

[**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		1965		1969		1970		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Principal producing States in order of quantity
Total mineral production	(X)	**18,032,000**	(X)	**21,524,000**	(X)	**26,921,000**	(X)	**29,790,000**	(X)
Mineral fuels	(X)	**12,142,000**	(X)	**14,047,000**	(X)	**17,965,000**	(X)	**20,153,000**	(X)
Asphalt and related bitumens (native): Bituminous limestone and sandstone and gilsonite ... short tons	1,625,911	13,090	1,911,664	9,461	1,918,748	8,561	1,980,562	8,879	Tex., Utah, Ala., Mo.
Carbon dioxide, natural (estimate) ... 1,000 cubic feet	521,169	99	1,173,676	152	1,194,836	144	1,109,530	191	N. Mex., Calif., Colo., Utah.
Coal:									
Bituminous and lignite [1] ... 1,000 short tons	415,512	1,950,425	512,088	2,276,022	560,505	2,795,509	602,932	3,772,662	W. Va., Ky., Pa., Ill.
Pennsylvania anthracite ... 1,000 short tons	18,817	147,116	14,866	122,021	10,473	100,769	9,729	105,341	
Helium [2] ... 1,000 cubic feet	475,179	7,768	4,385,834	68,728	4,752,400	68,442	4,677,000	65,397	Kans., Tex., Okla., Ariz.
Natural gas ... million cubic feet	12,771,038	1,789,970	16,039,753	2,494,542	20,698,240	3,455,615	21,920,642	3,745,680	Tex., La., Okla., N. Mex.
Natural-gas liquids:									
Natural gasoline and cycle products ... 1,000 (42-gal.) bbl	139,108	416,819	173,525	494,354	201,784	603,084	206,305	603,024	Tex., La., Okla., N. Mex.
LP-gases ... 1,000 (42-gal.) bbl	201,049	391,566	268,030	417,249	378,457	498,927	399,611	672,088	
Peat ... short tons	470,889	5,138	603,746	6,080	565,760	7,055	525,603	5,986	Mich., Ill., N.J., Pa.
Petroleum (crude) ... 1,000 (42-gal.) bbl	2,574,933	7,420,181	2,848,514	8,158,299	3,371,751	10,426,680	3,517,450	11,173,726	Tex., La., Calif., Okla.
Nonmetallic minerals (except fuels)	(X)	**3,868,000**	(X)	**4,933,000**	(X)	**5,624,000**	(X)	**5,711,000**	(X)
Abrasive stone [3] ... short tons	2,539	240	3,603	432	3,311	600	3,134	666	(NA)
Asbestos ... short tons	45,223	4,231	118,275	10,162	125,936	10,648	125,314	10,696	Calif., Vt., Ariz., N.C.
Barite ... 1,000 short tons	714	8,574	852	10,192	1,077	15,753	854	12,800	Mo., Nev., Ark., Ga.
Boron minerals ... short tons	640,591	47,550	807,000	64,180	1,020	81,261	1,041	86,827	Calif.
Bromine ... 1,000 pounds	175,010	44,637	328,115	77,259	391,883	87,990	349,748	60,560	Ark., Mich., Calif.
Calcium-magnesium chloride ... short tons	(D)	(D)	(D)	(D)	(D)	(4)	632,500	15,225	Mich., Calif.
Cement:									
Portland ... 1,000 (376-lb.) bbl	321,646	1,089,134	366,802	1,154,448	400,883	1,284,600	381,001	1,268,718	Calif., Pa., Tex., Mich.
Masonry ... 1,000 (280-lb.) bbl			23,260	65,979	23,253	69,106	21,275	67,534	
Natural and slag ... 1,000 (376-lb.) bbl			279	1,027	(D)	(4)	(D)	(4)	
Clays ... 1,000 short tons	49,069	162,411	55,126	204,932	58,694	264,415	54,853	267,912	Ga., Tex., Ohio, N.C.
Diatomite ... short tons	(D)	(4)	(D)	(4)	598,482	36,484	597,636	32,649	Calif., Nev., Wash., Ariz.
Emery ... short tons	8,169	142	10,720	204	(D)	(4)	(D)	(4)	N.Y.
Feldspar ... long tons	502,380	4,779	624,598	6,263	673,985	8,869	648,276	9,638	N.C., Calif., Conn., S.C.
Fluorspar ... short tons	229,782	10,391	240,932	10,889	182,567	8,411	269,221	13,923	Ill., Colo., Utah, Mont.
Garnet (abrasive) ... short tons	10,522	986	19,330	1,717	20,458	1,874	18,837	1,936	N.Y., Idaho.
Gem stones (estimate)	(NA)	1,188	(NA)	2,218	(NA)	2,390	(NA)	2,396	(NA)
Gypsum ... 1,000 short tons	9,825	35,690	10,033	37,375	9,905	38,354	9,436	35,132	Mich., Tex., Iowa, Calif.
Lime ... 1,000 short tons	12,935	172,731	16,794	232,939	20,209	280,736	19,747	286,155	Ohio, Pa., Mo., Tex.

See footnotes at end of table.

No. 1083. Mineral Production, 1960 to 1970, and Principal Producing States, 1970—Continued

[Value in thousands of dollars]

MINERAL	1960		1965		1969		1970		
	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	637,857	47,197	625,618	53,308	707,874	62,434	Mich., Tex., Calif., N.J.
Mica:									
Scrap.....short tons..	97,912	2,698	120,255	3,468	133,058	2,893	118,843	2,547	N.C., Ala., Ga., S.C.
Sheet.....pounds..	587,401	3,108	716,086	185	(D)	3	–	–	(x)
Perlite.....short tons..	312,153	2,665	392,384	3,352	471,454	5,100	456,134	4,904	N. Mex., Ariz., Calif., Nev.
Phosphate rock.....1,000 short tons..	19,618	117,041	29,482	193,323	37,725	208,689	38,739	203,218	Fla., Idaho, Tenn., N.C.
Potassium salts....1,000 short tons (K_2O equivalent)..	2,638	89,676	3,140	129,767	2,804	73,572	2,729	98,123	N. Mex., Calif., Utah.
Pumice.....1,000 short tons..	2,210	5,569	3,371	6,550	3,609	5,050	3,134	4,695	Oreg., Ariz., Calif., Hawaii.
Pyrites.....1,000 long tons..	1,016	7,936	875	5,333	(D)	(4)	(D)	(4)	Tex., Pa., Colo., Nev.
Salt (common).....1,000 short tons..	25,479	161,140	34,687	215,699	44,245	287,680	45,804	303,523	La., Tex., N.Y., Ohio.
Sand and gravel.....1,000 short tons..	709,792	720,432	908,049	957,416	936,906	1,070,302	943,941	1,115,705	Calif., Mich., Minn., Ill.
Sodium carbonate (natural).....short tons..	808,624	20,865	1,494,105	34,717	2,513,435	50,922	2,688,000	56,320	Wyo., Calif.
Sodium sulfate (natural).....short tons..	449,631	8,706	619,752	11,024	672,118	12,427	602,000	10,932	Calif., Tex.
Stone [5].....1,000 short tons..	616,784	952,555	780,242	1,203,831	862,895	1,424,694	874,512	1,474,917	Pa., Ill., Ohio, Calif.
Sulfur:									
Frasch-process mines.....1,000 long tons..	5,003	115,494	7,251	164,654	6,551	176,659	6,419	151,779	La., Tex.
Other mines.....1,000 long tons..	181	1,732	3	11	–	–	–	–	(x)
Talc, soapstone, and pyrophyllite.....short tons..	734,473	5,378	862,875	6,343	1,029,238	7,508	1,027,929	7,773	N.Y., Calif., Vt., Tex.
Tripoli.....short tons..	57,713	247	71,138	381	84,673	734	68,105	520	Ill., Okla., Ark., Pa.
Vermiculite.....1,000 short tons..	199	3,108	249	4,460	310	6,805	285	6,501	Mont., S.C.
Nonmetallic minerals, undistributed [6].....	(x)	44,715	(x)	65,028	(x)	46,941	(x)	34,174	(x)

Metals	(X)	2,022,000	(X)	2,544,000	(X)	3,332,000	(X)	3,926,000	(X)
Antimony ore and concentrate									
short tons (antimony content)	635	(7)	845	(7)	938	(7)	1,130	(7)	Idaho, Alaska, Nev.
Bauxite 1,000 long tons (dried equivalent)	1,998	21,107	1,654	18,632	1,843	25,725	2,082	30,070	Ark., Ala., Ga.
Beryllium concentrate short tons (gross weight)	509	162	(D)	(7)	(D)	(7)	(D)	(7)	Utah, S. Dak., Colo., Maine.
Copper (recoverable content of ores, etc.) short tons	1,080,169	693,468	1,351,734	957,028	1,544,579	1,468,400	1,719,657	1,984,484	Ariz., Utah, N. Mex., Mont.
Gold (recoverable content of ores, etc.) troy ounces	1,666,722	58,336	1,705,190	59,682	1,733,176	71,944	1,743,322	63,439	S. Dak., Nev., Utah, Ariz.
Iron ore, usable (excluding byproduct iron sinter) 1,000 long tons (gross weight)	82,963	724,131	84,079	801,388	89,854	929,293	87,176	941,739	Minn., Mich., Calif., Mo.
Lead (recoverable content of ores, etc.) short tons	246,669	57,722	301,147	93,959	509,013	151,635	571,767	178,609	Mo., Idaho, Utah, Colo.
Manganese ore (35 percent or more Mn) short tons (gross weight)	80,021	5,352	29,258	(7)	5,630	157	4,737	(7)	N. Mex., Mont.
Manganiferous ore (5 to 35 percent Mn) short tons (gross weight)	658,455	4,466	332,763	(7)	430,637	(7)	368,302	(7)	Minn., N. Mex., Utah.
Mercury 76-pound flasks	33,223	7,002	19,582	11,176	29,640	14,969	27,303	11,134	Calif., Nev., Alaska, Idaho.
Molybdenum (content of concentrate) 1,000 pounds	69,941	87,406	77,310	120,801	103,009	173,819	110,381	190,077	Colo, Ariz., Utah, N. Mex.
Nickel (content of ore and concentrate) short tons	14,079	(7)	16,188	(7)	17,056	(7)	15,933	(7)	Oreg.
Silver (recoverable content of ores, etc.) 1,000 troy ounces	30,766	27,846	39,806	51,469	41,906	75,040	45,005	79,696	Idaho, Ariz., Utah, Mont.
Tin content of concentrate long tons	10	12	47	126	(D)	(7)	(D)	(7)	Colo., Alaska.
Titanium concentrate:									
Ilmenite short tons (gross weight)	789,237	14,655	948,832	18,058	893,034	18,636	920,964	18,626	N.Y., Fla., N.J., Ga.
Rutile short tons (gross weight)	9,226	957	(D)	(7)	(D)	(7)	–	–	
Tungsten ore and concentrate short tons (60 percent WO_3 basis)	7,325	9,815	7,949	13,028	7,360	18,195	8,194	21,890	Calif., Colo., Nev., N.C.
Uranium (recoverable content U_3O_8) [8] 1,000 pounds	15,940	152,188	19,727	157,828	23,748	142,161	24,682	149,464	N. Mex., Wyo., Colo., Utah.
Vanadium (recoverable in ore and concentrate) short tons	4,971	17,749	5,226	18,284	5,577	26,334	5,319	34,923	Colo., Ark., Idaho, Utah.
Zinc (recoverable content of ores, etc.) short tons	435,427	112,365	611,153	178,284	553,124	161,512	534,136	163,650	Tenn., N.Y., Colo., Mo.
Metals, undistributed [9]	(X)	26,891	(X)	44,804	(X)	54,180	(X)	58,430	(X)

– Represents zero. 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, refined only; thereafter, crude and refined.

[3] Grindstones, pulpstones, millstones (weight not recorded), grinding pebbles, sharpening stones, and tube-mill liners.

[4] Value included in "Nonmetallic minerals, undistributed."

[5] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.

[6] Comprises value of items that cannot be disclosed: Aplite, brucite (1965–69), calcite (optical grade, 1965), calcium-magnesium chloride, diatomite (1960–65), graphite. iodine, kyanite, lithium minerals, magnesite, greensand marl, olivine, staurolite, and wollastonite and values indicated by footnote 4.

[7] Included with "Metals undistributed."

[8] 1960, uranium ore.

[9] Comprises value of items that cannot be disclosed: Cobalt, columbium-tantalum concentrate (1969), magnesium chloride for magnesium metal, manganiferous residuum, platinum-group metals (crude), rare-earth metal concentrates, titanium concentrate (rutile) (1965–1969), zirconium concentrate, and values indicated by footnote 7.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1084. Mineral Production—Value, 1960 to 1970, and Rank and Principal Minerals in Order of Value, 1970, by States

[In millions of dollars]

State	1960	1965	1969	1970		
				Value	Rank	Principal minerals in order of value
U.S.	18,032	21,524	26,921	29,790	(x)	**Petroleum, coal, natural gas, copper.**
N.E.	91	113	138	144	(x)	
Maine	14	18	20	24	47	Cement, sand and gravel, stone, copper.
N.H.	5	8	8	9	48	Sand and gravel, stone, clays, gem stones.
Vt.	23	27	28	29	46	Stone, sand and gravel, asbestos, talc.
Mass.	28	36	50	50	43	Stone, sand and gravel, lime, clays.
R.I.	6	3	4	4	49	Sand and gravel, stone, gem stones.
Conn.	15	21	28	28	45	Stone, sand and gravel, feldspar, lime.
M.A.	1,155	1,284	1,362	1,485	(x)	
N.Y.	261	290	302	300	24	Cement, stone, salt, sand and gravel.
N.J.	56	80	83	89	36	Stone, sand and gravel, zinc, magnesium compounds.
Pa.	838	914	976	1,096	7	Coal, cement, stone, sand and gravel.
E.N.C.	1,724	1,915	2,230	2,316	(x)	
Ohio	406	464	582	612	14	Coal, stone, lime, sand and gravel.
Ind.	211	219	242	256	25	Coal, cement, stone, sand and gravel.
Ill.	590	593	660	689	11	Coal, petroleum, stone, sand and gravel.
Mich.	438	566	668	671	12	Iron ore, cement, copper, sand and gravel.
Wis.	79	73	80	88	38	Sand and gravel, stone, iron ore, zinc.
W.N.C.	1,494	1,629	1,925	1,964	(x)	
Minn.	516	508	636	633	13	Iron ore, sand and gravel, stone, cement.
Iowa	99	113	120	121	31	Cement, stone, sand and gravel, gypsum.
Mo.	162	226	367	393	17	Lead, cement, stone, iron ore.
N. Dak.	78	94	91	96	34	Petroleum, coal, sand and gravel, natural gas.
S. Dak.	48	51	55	62	41	Gold, sand and gravel, stone, cement.
Nebr.	104	84	78	73	39	Petroleum, copper, sand and gravel, stone.
Kans.	487	553	578	586	16	Petroleum, natural gas, natural gas liquids, helium.
S.A.	1,339	1,693	1,984	2,406	(x)	
Del.	1	2	2	2	50	Sand and gravel, clays, gem stones.
Md.	58	78	83	88	37	Stone, cement, sand and gravel, coal.
Va.	209	268	318	374	19	Coal, stone, cement, sand and gravel.
W. Va.	723	860	947	1,285	4	Coal, natural gas, stone, cement.
N.C.	45	60	90	98	33	Stone, sand and gravel, cement, phosphate rock.
S.C.	31	41	56	56	42	Cement, stone, clays, sand and gravel.
Ga.	92	135	191	203	29	Clays, stone, cement, sand and gravel.
Fla.	180	249	295	300	23	Phosphate rock, stone, cement, sand and gravel.
E.S.C.	982	1,105	1,324	1,640	(x)	
Ky.	415	466	591	847	9	Coal, stone, petroleum, natural gas.
Tenn.	146	183	205	220	28	Stone, coal, zinc, cement.
Ala.	222	246	285	323	21	Coal, cement, stone, petroleum.
Miss.	199	210	243	250	26	Petroleum, natural gas, sand and gravel, clays.
W.S.C.	7,060	8,795	11,754	12,867	(x)	
Ark.	160	179	208	226	27	Petroleum, bromine and bromine compounds, natural gas, bauxite.
La.	1,991	2,988	4,685	5,102	2	Petroleum, natural gas, natural gas liquids, sulfur.
Okla.	783	909	1,091	1,137	6	Petroleum, natural gas, natural gas liquids, stone.
Tex.	4,126	4,719	5,770	6,402	1	Petroleum, natural gas, natural gas liquids, cement.
Mt.	2,606	3,117	3,924	4,544	(x)	
Mont.	179	228	283	313	22	Petroleum, copper, sand and gravel, cement.
Idaho	58	105	118	120	32	Silver, phosphate rock, lead, zinc.
Wyo.	439	515	647	706	10	Petroleum, natural gas, sodium salts, uranium.
Colo.	345	340	368	390	18	Molybdenum, petroleum, coal, sand and gravel.
N. Mex.	654	807	936	1,060	8	Petroleum, copper, natural gas, potassium salts.
Ariz.	417	583	859	1,167	5	Copper, molybdenum, sand and gravel, cement.
Utah	433	439	543	602	15	Copper, petroleum, coal, molybdenum.
Nev.	81	100	168	186	30	Copper, gold, sand and gravel, diatomite.
Pac.	1,581	1,873	2,280	2,423	(x)	
Wash.	72	88	89	91	35	Sand and gravel, cement, stone, uranium.
Oreg.	56	83	60	68	40	Sand and gravel, stone, cement, nickel.
Calif.	1,422	1,597	1,844	1,897	3	Petroleum, natural gas, sand and gravel, cement.
Alaska	22	84	258	338	20	Petroleum, sand and gravel, natural gas, stone.
Hawaii	9	21	30	29	44	Stone, cement, sand and gravel, pumice.

X Not applicable.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1085. Principal Metals and Minerals—U.S. Production as Percent of World Production: 1960 to 1970

MINERAL	1960		1965		1969		1970 (prel.)	
	World production	Percent U.S.	World production	Percent U.S.	World production	Percent U.S.	World production	Percent U.S.
Fuels:								
Coal ... mil. sh. tons	2,906	15	3,089	17	2,972	19	3,288	19
Petroleum (crude) ... mil. bbl	7,674	34	11,058	26	15,214	22	16,690	21
Nonmetals:								
Asbestos ... 1,000 sh. tons	2,440	2	3,140	4	3,638	3	3,826	3
Barite ... 1,000 sh. tons	3,100	25	3,860	22	4,235	25	4,221	20
Feldspar ... 1,000 long tons	1,470	34	1,930	32	2,347	29	2,298	28
Fluorspar ... 1,000 sh. tons	2,190	11	3,110	8	4,229	4	4,600	6
Gypsum ... 1,000 sh. tons	43,200	23	53,000	19	56,481	18	55,581	17
Mica (including scrap) ... 1,000 sh. tons	183	54	218	55	176	76	279	69
Nitrogen, agricultural [1 2] ... 1,000 sh. tons	10,800	26	18,500	27	39,556	27	33,730	25
Phosphate rock ... 1,000 long tons	40,870	43	85,700	34	90,062	42	83,802	41
Potash (K_2O equivalent) ... 1,000 sh. tons	10,000	26	15,100	21	18,810	15	20,443	13
Sulfur, elemental ... 1,000 long tons	10,290	56	15,270	48	20,771	46	21,748	39
Metals, mine basis:								
Bauxite ... 1,000 long tons	26,980	7	36,970	4	51,803	4	57,072	4
Cadmium ... 1,000 lb	22,100	46	26,100	27	38,653	33	35,245	27
Copper [2 3] ... 1,000 sh. tons	4,640	23	5,590	24	6,213	25	6,527	26
Gold ... 1,000 troy oz	45,100	4	46,222	4	46,526	4	47,356	4
Iron ore ... mil. long tons	512	17	608	14	707	12	754	12
Lead [3] ... 1,000 sh. tons	2,610	9	2,990	10	3,569	14	3,751	15
Mercury ... 1,000 76-lb. flasks	242	14	276	7	290	10	284	10
Molybdenum [3] ... mil. lb	90	76	115	67	143	70	164	68
Nickel [3] ... 1,000 sh. tons	359	4	481	3	533	3	685	2
Silver ... mil. troy oz	240	15	254	16	290	14	302	15
Titanium concentrates: Ilmenite [4] ... 1,000 sh. tons	2,205	36	2,723	36	3,537	26	3,942	22
Tungsten (tungsten content) ... 1,000 lb	68,714	11	60,146	13	70,749	10	74,018	11
Vanadium [3] ... sh. tons	7,090	70	9,083	58	14,830	38	16,448	32
Zinc [3] ... 1,000 sh. tons	3,590	12	4,695	13	5,892	9	6,061	9
Metals, smelter basis:								
Aluminum ... 1,000 sh. tons	4,985	40	7,415	37	9,932	38	10,655	37
Copper ... 1,000 sh. tons	4,950	25	6,100	24	6,622	23	6,877	24
Iron, pig (inc. ferroalloys) ... mil. sh. tons	285	24	369	25	460	21	479	20
Lead ... 1,000 sh. tons	2,550	15	2,905	14	3,561	18	3,637	18
Magnesium ... 1,000 sh. tons	103	39	178	46	222	45	243	46
Steel ingots and castings ... mil. sh. tons	381	26	507	26	633	22	653	20
Tin ... 1,000 long tons	192	7	197	2	223	(Z)	222	(NA)
Uranium oxide (U_3O_8) [4] ... 1,000 sh. tons	41	44	21	49	23	52	24	54
Zinc ... 1,000 sh. tons	3,280	24	4,280	23	5,472	20	5,407	16

NA Not available. Z Less than 0.5 percent. [1] U.S. production includes Puerto Rico.
[2] For years ended June 30. [3] Content of ore and concentrate. [4] Excludes U.S.S.R.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1086. Strategic and Critical Materials Inventory: 1960 to 1971

[**In millions of dollars.** As of December 31. Inventory held by Federal Government. 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		1970		1971	
	Acquisition cost	Market value	Acquisition cost	Market value	Acquisition cost	Market value	Acquisition cost	Market value
Total in storage	**8,540**	**7,549**	**8,033**	**7,804**	**6,373**	**7,105**	**6,195**	**6,804**
Within stockpile objectives	4,366	4,345	3,328	3,667	3,602	4,386	3,527	4,154
Excess to stockpile objectives	4,174	3,204	4,705	4,138	2,771	2,719	2,668	2,650
National stockpile	6,130	5,706	5,285	5,642	4,248	5,081	4,124	4,899
Supplemental stockpile	840	799	1,403	1,317	1,420	1,587	1,404	1,498
Defense Production Act	1,457	935	1,341	841	705	437	667	407
Commodity Credit Corporation	104	100	4	4	(Z)	(Z)	(X)	(X)
Federal Facilities Corporation	10	9	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. Z Less than $500,000.

Source: U.S. General Services Administration, unpublished data.

No. 1087. Selected Mineral Products—Average Prices: 1951 to 1971

[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) [4]	Aluminum, delivered [5]	Sulfur, crude (f.o.b. works)	Bituminous coal [6]	Crude petroleum [7]
	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*
1951–1955	9.36	29.277	15.330	106.00	13.610	20.96	23.88	4.75	2.66
1956–1960	11.33	32.478	13.388	99.26	11.919	25.00	24.50	4.84	2.93
1961–1965	10.71	32.000	12.247	136.08	12.646	24.04	23.90	4.47	2.88
1966–1970	10.60	44.295	14.568	160.87	14.353	26.20	26.72	5.01	3.00
1960	11.45	32.453	11.948	101.44	12.946	26.00	23.50	4.69	2.88
1965	10.55	35.417	16.000	178.20	14.500	24.51	25.50	4.44	2.86
1970	10.80	58.200	15.619	174.21	15.319	28.72	21.00	6.26	3.18
1971 (prel.)	11.42	52.012	[8] 13.800	167.35	16.128	29.00	(NA)	6.42	3.41

NA Not available. [1] Lake Superior, Mesabi, non-Bessemer. [2] Domestic market. [3] Straits tin. [4] Prime western. Beginning 1971 delivered price. [5] Prices 1951–1955, for 99+ percent virgin ingot aluminum; beginning 1956, for 99+ percent unalloyed ingot. [6] Average value at mine. Includes Alaska. [7] Average value at well. Beginning 1958, includes Alaska, and 1959, Hawaii. [8] Single delivered price.

Source: Compiled from *Metals Week* (copyright); *The Iron Age* (copyright); *Wholesale Prices and Price Indexes* (U.S. Bureau of Labor Statistics); *Minerals Yearbook*, and unpublished data (and U.S. Bureau of Mines).

No. 1088. Selected Mineral and Metal Products—Imports and Exports: 1960 to 1971

[**Quantity in thousands of short tons, except as noted.** Includes trade of Puerto Rico with foreign countries]

Mineral	Quantity				Value (mil. dol.)			
	1960	1965	1970	1971	1960	1965	1970	1971
IMPORTS FOR CONSUMPTION								
Fuels: Petroleum, crude—mil. barrels	401	502	535	671	895	1,120	1,260	1,687
Nonmetallic minerals:								
Asbestos	669	684	639	671	63	66	74	79
Diamonds:								
Gem ... 1,000 carats	2,167	3,160	4,275	4,667	166	307	425	463
Industrial ... 1,000 carats	13,146	12,241	11,210	11,267	52	54	44	42
Mica	11	7	6	6	8	9	4	4
Ores and concentrates:								
Bauxite ... 1,000 long tons	9,586	12,458	14,334	13,964	78	143	156	154
Chromite	1,387	1,518	1,406	1,299	24	25	32	32
Copper ... 1,000 short tons of metal	83	11	66	6	49	6	79	4
Iron ore ... 1,000 long tons	34,584	45,105	44,876	40,124	322	444	479	451
Lead ... 1,000 short tons of metal	138	129	43	88	28	27	8	19
Manganese ore	2,280	3,892	1,735	1,915	82	110	34	42
Nickel [1] ... 1,000 short tons of metal	30	31	33	32	30	41	96	86
Tin ... 1,000 long tons of metal	14	4	5	3	31	13	14	11
Tungsten ... short tons of metal	1,762	1,802	642	209	3	4	3	1
Metals (incl. scrap): [2]								
Aluminum	160	555	387	617	77	227	177	279
Copper	177	137	137	179	113	94	154	179
Lead [3]	221	232	253	199	62	70	80	53
Nickel	80	136	137	131	117	208	327	287
Platinum group ... 1,000 troy ounces	650	1,220	1,411	1,303	32	73	105	94
Tin [4] ... 1,000 long tons	40	41	51	51	88	160	188	166
Zinc	122	159	262	327	30	44	74	94
EXPORTS [5]								
Fuels:								
Anthracite	1,440	851	789	671	29	11	11	10
Bituminous coal	36,541	50,270	71,013	56,704	332	466	955	896
Petroleum, crude ... 1,000 barrels	3,087	1,004	4,991	503	8	3	17	2
Nonmetallic minerals:								
Cement, hydraulic ... 1,000 barrels	187	748	847	663	1	4	5	3
Phosphate rock	4,761	862	815	818	38	11	10	11
Potash material	833	1,099	1,046	1,087	26	43	37	43
Sulfur [6] ... 1,000 long tons	1,787	2,635	1,433	1,536	42	66	34	29
Metals (incl. scrap): [2]								
Aluminum [7] ... short tons	364,493	242,190	465,611	107,929	155	105	236	50
Copper [7]	615	424	348	391	357	312	403	262
Iron and steel, scrap [8]	8,040	6,170	10,112	6,081	242	197	432	206
Molybdenum [7] ... short tons	148	55	336	111	(Z)	(Z)	1	(Z)
Nickel [7] ... short tons	42,633	6,723	9,779	6,046	10	4	13	7
Zinc [7]	90	19	30	23	21	8	8	7

Z Less than $500,000. [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. [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.

Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country*, FT 246, annual; *U.S. Exports, Schedule B Commodity and Country*, FT 410, monthly; and unpublished data.

No. 1089. Mineral Industries—Employment: 1950 to 1970

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

ITEM	1950	1955	1960	1965	1967	1968	1969	1970 [1]
Men working daily [2]	(NA)	(NA)	1,045	907	900	904	891	903
Coal mines [3]	483	260	190	149	139	134	133	140
Coke	24	21	16	15	14	13	14	14
Petroleum and natural gas	518	617	511	437	446	467	450	462
Metal mines [3]	68	65	61	51	48	46	46	46
Nonmetal mines, incl. clay mines [4]	12	15	19	17	18	17	17	15
Sand and gravel operations	(NA)	(NA)	52	54	52	50	50	49
Stone quarries [5]	86	78	95	90	85	84	83	81
Metal mills	15	18	23	19	21	20	22	22
Primary nonferrous smelter and refineries	31	40	36	42	43	42	45	45
Nonmetal mills	(NA)	9	40	31	31	29	28	27
Other	(NA)	(NA)	3	3	3	3	3	2
Man-hours worked	(NA)	(NA)	2,083	1,900	1,863	1,901	1,885	1,931
Coal mines [3]	711	419	282	249	242	234	237	255
Coke	66	58	46	41	39	38	39	40
Petroleum and natural gas	1,082	1,303	1,063	932	939	987	939	972
Metal mines [3]	148	137	120	112	96	99	104	108
Nonmetal mines, incl. clay mines [4]	28	31	37	38	39	36	35	33
Sand and gravel operations	(NA)	(NA)	96	100	97	93	94	93
Stone quarries [5]	190	176	202	194	186	187	187	183
Metal mills	35	40	54	49	47	50	55	57
Primary nonferrous smelter and refineries	81	106	91	109	105	109	125	125
Nonmetal mills	(NA)	20	86	71	69	64	64	61
Other	(NA)	(NA)	5	5	5	5	5	4

NA Not available. [1] Preliminary except for coke and petroleum and natural gas. [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] Includes Alaska; beginning 1960, includes Hawaii.
[5] Includes manufacture of cement and lime. Beginning 1960, includes Alaska and Hawaii.

No. 1090. Mineral Industries—Injuries, by Industry Group: 1950 to 1970

[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	1965	1969	1970 [1]	1950	1960	1965	1969	1970 [1]
Fatal injuries [2]	952	603	538	510	573	0.41	0.29	0.28	0.27	0.30
Coal mining [3]	643	325	259	203	260	0.90	1.15	1.04	0.85	1.02
Coke	14	3	7	15	8	0.21	0.07	0.17	0.39	0.20
Petroleum and nat. gas	109	[4] 82	78	95	134	0.10	[4] 0.08	0.08	0.10	0.14
Metal mines [3]	84	84	58	62	57	0.57	0.70	0.52	0.60	0.53
Nonmetal mines [5]	19	19	21	17	16	0.67	0.52	0.56	0.48	0.49
Sand and gravel	(NA)	25	40	31	28	(NA)	0.26	0.40	0.33	0.30
Stone quarries [6]	54	39	48	53	43	0.28	0.19	0.25	0.28	0.23
Metal mills	7	5	3	6	8	0.20	0.09	0.06	0.11	0.14
Primary nonferrous smelters and refineries	22	7	12	15	8	0.27	0.08	0.11	0.12	0.06
Nonmetal mills	(NA)	13	10	10	10	(NA)	0.15	0.14	0.16	0.16
Nonfatal injuries [2]	66,729	36,044	32,800	32,240	34,515	28.51	17.31	17.26	17.10	17.88
Coal mines [3]	37,264	11,902	11,138	9,917	10,575	52.38	42.28	44.73	41.76	41.53
Coke	780	223	228	231	260	11.84	4.84	5.58	6.00	6.57
Petroleum and nat. gas	13,500	[4] 9,110	8,963	9,023	9,989	12.48	[4] 8.57	9.62	9.61	10.27
Metal mines [3]	6,611	3,794	3,292	3,111	3,450	44.74	31.71	29.32	29.92	32.02
Nonmetal mines [5]	1,238	1,056	989	880	785	43.51	28.69	26.19	25.04	24.08
Sand and gravel	(NA)	1,919	1,870	1,929	1,910	(NA)	20.04	18.68	20.47	20.51
Stone quarries [6]	4,762	4,668	3,305	3,389	3,575	25.12	23.07	17.04	18.12	19.53
Metal mills	785	488	472	620	710	22.55	9.10	9.70	11.31	12.41
Primary nonferrous smelters and refineries	1,789	994	971	1,566	1,530	21.92	10.85	8.86	12.49	12.28
Nonmetal mills	(NA)	1,794	1,483	1,481	1,640	(NA)	20.77	20.89	23.27	26.78

NA Not available. [1] Preliminary except for coke and petroleum and natural gas.
[2] Beginning 1960, includes industries not shown separately. [3] Includes Alaska.
[4] Number of fatalities and permanent total injuries are combined; fatal-frequency rates include an unknown number of permanent total injuries which cannot be separated from fatal injuries.
[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 of tables 1089 and 1090: U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data.

No. 1091. Mineral Industries—

[Excludes establishments for which both value of shipments and expenditures amounted to less than $500.

	MINERAL INDUSTRY	1958			1963			
		Establishments	Payroll [1]	Value added in mining [2]	Establishments	All employees		Value added in mining [2]
						Number [3]	Payroll [1]	
			Mil. dol.	*Mil. dol.*		*1,000*	*Mil. dol.*	*Mil. dol.*
1	**All industries**	36,384	3,749	13,384	[8] 38,651	616	3,742	15,920
2	**Metal mining**	2,351	486	1,180	1,614	77	515	1,418
3	Iron ores	243	169	488	208	23	162	549
4	Copper ores	157	144	266	160	27	187	417
5	Lead and zinc ores	290	54	74	205	9	49	84
6	Lead ores	213	34	48	125	4	22	34
7	Zinc ores	77	21	26	80	5	27	50
8	Gold and silver ores	477	23	42	466	4	25	49
9	Lode gold	251	12	23	201	2	14	21
10	Placer gold	165	5	9	158	(Z)	2	6
11	Silver ores	61	6	10	107	2	9	22
12	Bauxite	29	4	15	17	1	3	18
13	Ferroalloy ores	297	27	74	58	3	20	66
14	Manganese ores	186	9	20	17	(Z)	1	2
15	Tungsten ores and ferroalloy ores, n.e.c.	111	[9] 18	[9] 54	41	3	19	64
16	Metal mining services	95	12	23	83	2	14	25
17	Miscellaneous metal ores	763	[9] 53	[9] 196	417	8	54	210
18	Titanium ores	11	4	13	8	1	6	15
19	Uranium-radium-vanadium ores	603	[9] 44	[9] 175	335	7	45	191
20	Mercury ores and misc. metal ores	149	[9] 4	[9] 9	74	1	3	4
21	**Anthracite mining**	1,248	93	164	1,069	12	59	121
22	Anthracite	1,163	79	142	1,026	11	53	111
23	Anthracite mining services	85	14	22	43	1	6	10
24	**Bituminous coal and lignite mining**	6,940	915	1,616	6,305	134	762	1,607
25	Bituminous coal	6,725	905	1,591	6,115	132	752	1,578
26	Lignite	58	3	9	59	1	3	12
27	Coal mining services, n.e.c.	157	7	15	131	1	7	17
28	**Oil and gas extraction**	18,522	1,701	9,032	[8] 21,242	272	1,745	11,020
29	Crude petroleum and natural gas	12,010	1,043	7,340	[8] 14,378	145	1,016	9,016
30	Crude petroleum	10,620	967	6,823	[8] 12,326	126	892	7,813
31	Natural gas	1,390	76	517	[8] 2,052	19	124	1,203
32	Natural gas liquids	593	96	588	652	14	97	762
33	Oil and gas field services	5,919	561	1,108	6,212	112	632	1,241
34	Drilling oil and gas wells	3,066	289	587	2,836	55	318	653
35	Oil and gas exploration services	348	44	64	373	9	48	90
36	Oil and gas field services, n.e.c.	2,505	228	456	3,003	48	266	498
37	**Nonmetallic minerals mining**	7,323	555	1,392	8,421	121	661	1,755
38	Dimension stone [10]	335	7	13	319	2	8	15
39	Crushed and broken stone [11]	1,970	190	449	2,256	43	229	582
40	Sand and gravel [11]	3,708	173	435	4,616	40	212	514
41	Clay and related minerals [11]	490	36	87	423	8	42	114
42	Chemical and fertilizer minerals	264	121	337	235	21	137	443
43	Barite	53	5	11	54	1	7	11
44	Fluorspar	55	6	13	30	1	4	9
45	Potash, soda, and borate minerals	21	41	111	23	7	52	156
46	Phosphate rock	65	27	64	66	6	32	105
47	Rock salt	22	11	34	25	2	16	50
48	Sulfur	24	25	94	17	3	21	100
49	Chemical and fertilizer mining, n.e.c.	24	8	10	20	1	6	12
50	Nonmetallic minerals, services	75	4	6	119	1	5	9
51	Miscellaneous nonmetallic minerals [11]	481	24	63	453	5	28	78

D Withheld to avoid disclosure. Z Less than 500, 500,000, or $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] Excludes all single-unit establishments without paid employees.

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

SUMMARY: 1958, 1963, AND 1967

"N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1967*, series M 1-12]

1967 [4]									
Establishments	All employees		Production workers [5]			Value added in mining [2]	Value of shipments and receipts [7]	Capital expenditures	
	Number [3]	Payroll [1]	Number	Man-hours [6]	Wages				
	1,000	*Mil. dol.*	*1,000*	*Million*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	
28,579	567	4,187	433	892	2,888	19,330	25,849	4,058	1
1,155	71	552	55	114	396	1,557	2,296	340	2
146	23	186	18	36	133	662	953	109	3
156	21	171	15	33	115	437	676	122	4
167	9	61	7	15	46	103	151	44	5
104	4	31	3	7	22	37	66	34	6
63	5	30	4	8	24	66	86	10	7
183	4	26	3	7	20	51	63	4	8
77	2	16	2	5	13	33	42	2	9
48	(Z)	1	(Z)	(Z)	1	2	3	(Z)	10
58	1	8	1	2	6	16	19	3	11
17	1	4	1	1	3	23	29	(Z)	12
43	4	32	3	6	23	73	108	13	13
20	(Z)	1	(Z)	(Z)	1	2	4	(Z)	14
23	4	31	3	6	22	72	104	13	15
148	3	19	2	5	16	34	48	2	16
295	7	54	6	12	40	175	267	45	17
7	1	6	1	1	5	17	24	1	18
188	5	41	4	9	29	142	218	41	19
100	1	7	1	2	6	15	25	(D)	20
403	7	41	6	12	35	82	156	6	21
371	6	37	6	10	31	75	146	5	22
32	1	5	1	1	4	7	10	1	23
4,081	124	926	109	212	777	2,009	2,945	334	24
3,921	123	913	107	209	765	1,975	2,898	330	25
45	1	3	(Z)	1	3	13	18	2	26
115	1	10	1	3	10	22	29	3	27
16,358	245	1,855	167	347	1,091	13,394	17,456	3,005	28
8,796	126	1,049	66	130	440	10,965	11,732	2,542	29
7,278	107	901	55	108	366	8,943	9,649	2,066	30
1,518	20	147	11	22	75	2,022	2,083	476	31
684	12	100	11	21	82	905	3,708	214	32
6,878	106	707	91	196	569	1,524	2,017	248	33
2,347	43	295	39	81	255	627	894	140	34
636	8	53	7	16	39	126	152	20	35
3,895	55	359	45	98	274	770	971	88	36
6,582	120	812	95	208	589	2,288	2,996	373	37
244	2	9	2	3	8	18	22	1	38
2,033	43	281	36	81	216	705	964	110	39
3,232	35	229	28	60	174	548	715	94	40
356	9	58	8	17	43	155	218	24	41
233	24	188	16	35	114	741	910	131	42
30	1	5	1	2	4	15	20	1	43
32	1	5	1	1	4	11	20	1	44
33	8	68	5	11	41	188	216	43	45
69	8	60	5	12	35	199	297	48	46
26	3	19	2	4	13	71	81	7	47
31	3	31	2	4	15	253	271	30	48
12	(Z)	2	(Z)	(Z)	1	3	6	1	49
106	1	6	1	2	5	11	15	2	50
378	7	41	5	11	31	111	152	11	51

[6] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).
[7] 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.
[8] Not strictly comparable with data for earlier years because of change in reporting procedures for crude petroleum and natural gas companies. [9] Excludes Alaska and Hawaii.
[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.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1958; 1963;* and *1967*.

No. 1092. Coal—Summary: 1950 to 1970

[**Quantities in millions of short tons and 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	1950	1960	1965	1966	1967	1968	1969	1970
Total coal production	560	434	527	547	565	557	571	613
Value	2,893	2,098	2,398	2,522	2,652	2,644	2,897	3,878
BITUMINOUS COAL [1]								
Production	516	416	512	534	553	545	561	603
Value, total	2,500	1,950	2,276	2,421	2,555	2,546	2,796	3,773
Average per ton ... dollars	4.84	4.69	4.44	4.54	4.62	4.67	4.99	6.26
Exports	25	37	50	49	50	51	56	71
Value	207	332	465	458	475	496	585	951
Imports ... 1,000 sh. tons	347	260	[2] 184	[2] 178	[2] 227	[2] 224	[2] 109	[2] 36
Value	2	2	[2] 2	[2] 2	[2] 2	[2] 2	[2] 1	(Z)
Consumption	[3] 454	[3] 380	459	486	480	499	507	517
Electric power utilities	88	174	243	264	272	295	308	320
Bunker, foreign and lake vessels	2	1	1	1	(Z)	(Z)	(Z)	(Z)
Manufacturing and mining industries	219	173	197	201	191	188	186	184
Retail-dealer deliveries	84	30	19	20	17	15	15	12
Number of mines	9,429	7,865	7,228	6,749	5,873	5,327	5,118	5,601
Average men employed [4] ... 1,000	416	169	134	132	132	128	125	140
Average days worked	183	191	219	219	219	220	226	228
Average tons per man:								
Per day	6.77	12.83	17.52	18.52	19.17	19.37	19.90	18.84
Per year	1,239	2,453	3,829	4,052	4,198	4,261	4,497	4,296
Method of mining:								
Percent mechanically loaded underground	69.4	86.3	89.2	91.7	94.5	95.7	96.6	97.2
Percent cut by machine	91.8	67.8	53.9	51.0	49.1	48.4	46.2	46.1
Percent mined by stripping	23.9	29.5	32.3	33.7	33.9	34.1	35.2	40.5
ANTHRACITE (PA.)								
Production	44	19	15	13	12	11	10	10
Value, total	392	147	122	101	96	97	101	105
Average per ton ... dollars	8.90	7.82	8.21	7.78	7.85	8.48	9.91	10.83
World production, bituminous coal, lignite, and anthracite	1,997	2,899	3,083	3,119	2,997	3,092	[5] 3,171	[5] 3,288

Z Less than 500,000 short tons or $50,000. [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 (60,969,000 short tons in 1950, and 2,101,000 short tons in 1960) excluded in distribution. [4] Average number of men working daily. [5] Preliminary.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1093. Coal—Production, by States: 1951 to 1970

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

STATE	1951-1955, avg.	1956-1960, avg.	1961-1965, avg.	1966-1970, avg.	1960	1965	1967	1968	1969	1970
Total	**496,725**	**469,288**	**473,559**	**570,410**	**434,329**	**526,954**	**564,882**	**556,706**	**570,978**	**612,661**
Anthracite (Pa.)	33,898	22,975	16,931	11,372	18,817	14,866	12,256	11,461	10,473	9,729
Bituminous and lignite	462,827	446,313	456,628	559,038	415,512	512,088	552,626	545,245	560,505	602,932
Alabama	12,176	12,413	13,484	16,832	13,011	14,832	15,486	16,440	17,456	20,560
Colorado	3,554	3,394	3,978	5,555	3,607	4,790	5,439	5,558	5,530	6,025
Illinois	46,781	46,090	51,795	64,197	45,977	58,483	65,133	62,441	64,722	65,119
Indiana	16,232	15,659	15,311	19,387	15,538	15,565	18,772	18,486	20,086	22,263
Kentucky	66,426	69,038	75,621	105,792	66,847	85,766	100,294	101,156	109,050	125,305
Missouri	2,873	2,898	3,165	3,646	2,890	3,564	3,696	3,205	3,301	4,447
Ohio	35,847	35,379	35,968	48,854	33,957	39,390	46,014	48,323	51,242	55,351
Pennsylvania	89,680	74,839	71,261	79,235	65,425	80,308	79,412	76,200	78,631	80,491
Tennessee	5,923	7,086	6,010	7,522	5,931	5,865	6,832	8,148	8,082	8,237
Utah	6,025	5,642	4,706	4,503	4,955	4,992	4,175	4,316	4,657	4,733
Virginia	20,399	28,400	31,209	35,965	27,838	34,053	36,721	36,966	35,555	35,016
West Virginia	138,858	134,167	130,948	146,887	118,944	149,191	153,749	145,921	141,011	144,072
Wyoming	4,704	2,060	2,917	4,582	2,024	3,260	3,588	3,829	4,602	7,222
Other States	13,349	9,247	10,255	16,080	8,568	12,029	13,315	14,254	16,580	24,091

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1094. Coke—Summary, and Production of Oven Coke, by States: 1950 to 1971

[**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	1950	1955	1960	1965	1968	1969	1970	1971 (prel.)
Production	72,718	75,302	57,229	66,854	63,653	64,757	66,525	57,436
Oven coke [1]	66,891	73,584	56,219	65,198	62,878	64,047	65,654	56,664
Beehive coke	5,827	1,718	1,010	1,657	775	710	871	772
Value of products at plant ... mil. dol.	1,279	1,635	1,382	1,429	1,458	1,692	2,193	(NA)
Coke and breeze ... mil. dol.	996	1,247	1,075	1,118	1,175	1,403	1,899	(NA)
All coal-chemical materials ... mil. dol.	283	388	307	311	283	289	293	(NA)
Average market value per ton ... dollars	[2] 13.43	16.23	18.31	16.84	18.46	21.67	(NA)	(NA)
Coal charged ... mil. short tons	94.9	107.7	81.4	95.3	91.3	93.4	96.5	83.3
Average value per ton ... dollars	8.41	8.76	9.82	9.40	9.95	10.36	12.47	(NA)
Yield of coke from coal ... percent	69.9	69.9	70.3	70.4	69.8	69.3	69.1	69.0
Exports	398	531	353	834	792	1,629	2,514	1,509
Imports	438	126	126	90	94	173	153	174
Production of oven coke: [1]								
Alabama	5,833	6,245	4,897	5,491	5,462	5,656	6,116	5,363
Indiana	8,256	9,482	8,024	8,315	8,144	8,132	8,929	7,832
Michigan	2,731	3,421	3,279	3,979	3,684	3,582	3,754	3,780
Ohio	10,314	11,701	8,423	7,669	8,428	8,638	8,900	7,575
Pennsylvania	16,333	19,489	14,146	18,912	18,110	17,989	18,212	15,261
West Virginia	3,389	4,325	2,758	3,521	3,360	3,609	3,230	3,006
Other States	20,035	18,921	14,692	17,311	15,691	16,440	16,513	13,847

NA Not available [1] Excludes screenings or breeze.
[2] Based on value at plant and not comparable with following years.

No. 1095. Crude Petroleum—Producing Oil Wells, 1970, Production, 1956 to 1971, and Proved Reserves, 1960, 1970, and 1971, by States

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

State	Producing oil wells, 1970		Production						Proved reserves [1]		
	Approximate number, Dec. 31	Average production per well per day (barrels)	1956–1960, avg.	1961–1965, avg.	1966–1970, avg.	1969	1970	1971 (prel.)	1960	1970	1971
Total	**530,990**	**18.0**	**2,567**	**2,737**	**3,292**	**3,372**	**3,517**	**3,478**	**31,613**	**39,001**	**38,063**
Ala.	562	35.8	5	8	8	8	7	8	(2)	65	61
Alaska	202	1,190.1	–	10	53	74	84	79	(2)	10,149	10,116
Ark.	7,082	7.5	29	27	21	18	18	18	302	130	118
Calif.	40,437	25.0	324	303	365	375	372	359	3,659	3,984	3,706
Colo.	1,770	37.8	51	39	30	28	25	27	364	389	333
Ill.	26,134	4.5	79	73	54	51	44	39	556	229	209
Ind.	4,055	5.0	12	12	9	8	7	7	66	37	31
Kans.	43,490	5.3	120	109	94	89	85	79	884	539	502
Ky.	11,659	2.7	20	19	14	13	12	11	129	61	52
La.	27,934	86.7	341	512	804	845	907	948	4,785	5,710	5,399
Mich.	4,311	7.8	11	17	13	12	12	12	78	46	59
Miss.	3,102	63.2	44	56	60	64	65	64	407	355	342
Mont.	3,243	31.6	27	31	40	44	38	35	267	242	228
Nebr.	1,244	24.6	21	22	13	12	11	10	86	41	36
N. Mex.	17,314	20.4	99	113	127	129	128	118	1,084	761	657
N. Y.	5,861	0.6	2	2	3	1	1	1	32	11	10
N. Dak.	1,457	35.0	16	25	24	23	22	21	431	192	174
Ohio	15,860	1.7	6	9	11	11	10	9	75	128	120
Okla.	78,019	7.7	204	201	225	225	224	218	1,791	1,351	1,405
Pa.	36,801	0.3	7	5	4	4	4	4	108	51	47
Texas	177,221	19.0	1,004	970	1,142	1,152	1,250	1,223	14,758	13,195	13,023
Utah	889	73.9	22	30	24	23	23	24	208	182	166
W. Va.	12,750	0.7	2	3	3	3	3	3	51	53	52
Wyo.	9,280	48.1	118	140	146	155	160	155	1,427	1,017	997
Other States	313	47.5	[3] 1	1	5	5	5	6	65	83	211

– Represents zero.
[1] December 31. 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 Hawaii.

Source of tables 1094 and 1095: U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data.

No. 1096. Crude Petroleum and Refined Products: 1950 to 1970

[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	1950	1955	1960	1965	1967	1968	1969	1970 [1]
Crude petroleum:								
Domestic production	1,974	2,484	2,575	2,849	3,216	3,329	3,372	3,517
Value at wells ... mil. dol.	4,963	6,870	7,420	8,158	9,376	9,795	10,427	11,174
World production	3,803	5,626	7,689	11,058	12,889	14,093	15,214	16,690
U.S. proportion of world total ... percent	52	44	33	26	25	24	22	21
Imports	178	285	372	452	412	472	514	483
Exports	35	12	3	1	27	2	1	5
Stocks Dec. 31, gasoline-bearing crude	248	266	240	220	249	272	265	276
Runs to stills	2,095	2,730	2,953	3,301	3,583	3,774	3,880	3,968
Average price per barrel at wells ... dol.	2.51	2.77	2.88	2.86	2.92	2.94	3.09	3.18
Refined products:								
Imports	133	170	293	449	514	567	641	764
Exports	76	123	71	67	86	83	83	89
Stocks, Dec. 31 [2]	327	436	516	580	695	725	715	741
Output of motor and aviation fuel	1,024	1,374	1,522	1,704	1,846	1,940	2,028	2,105
Yield of gasoline ... percent	43.0	44.0	45.1	44.0	44.0	43.9	44.8	45.3
Completed refineries, Dec. 31	357	318	311	286	291	284	281	279
Daily crude-oil capacity	7.0	8.6	10.0	10.5	11.5	11.7	12.1	13.0
Average dealer's net price (excl. tax) of gasoline (55 cities) [3] ... cents per gal.	15.10	16.18	16.08	15.38	16.31	16.51	17.11	17.68

[1] Preliminary, except for crude petroleum production and value.
[2] 1950 not comparable with later years.
[3] 1950 from American Petroleum Institute; thereafter, Platt's Oilgram Price Service.

No. 1097. Petroleum—Runs to Stills and Refinery Products, by Class: 1950 to 1971

[In millions of barrels of 42 gallons. Prior to 1965, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series M 152–167]

PRODUCT	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Input	2,190	2,857	3,119	3,527	3,827	4,037	4,149	4,252	4,379
Crude petroleum	2,095	2,730	2,953	3,301	3,582	3,774	3,880	3,967	4,088
Domestic	1,919	2,447	2,582	2,848	3,174	3,308	3,364	3,485	3,482
Foreign	176	283	371	453	408	466	516	482	606
Natural-gas liquids [1]	95	126	167	226	245	263	269	285	291
Output	2,190	2,857	3,119	3,527	3,827	4,037	4,149	4,252	4,379
Gasoline	998	1,332	1,510	1,694	1,839	1,934	2,022	2,100	2,198
Kerosene	119	117	136	93	99	101	102	95	86
Distillate fuel oil	399	603	667	765	804	839	847	896	911
Residual fuel oil	425	420	332	269	276	276	266	258	275
Jet fuel	–	57	88	191	273	315	322	302	305
Lubricants	52	56	59	63	65	66	65	66	65
Wax (1 bbl. =280 lb)	4	5	6	5	6	6	6	6	7
Coke (5 bbl.=1 sh. ton)	17	28	60	86	91	95	103	108	109
Asphalt (5.5 bbl.=1 sh. ton)	58	83	99	124	128	135	136	147	157
Still gas (1 bbl.=3,600 cu. ft.)	84	117	129	135	140	150	160	164	157
Liquefied gases	29	44	78	107	111	118	123	116	121
Petrochemical feedstocks	(NA)	(NA)	(NA)	58	87	95	98	100	111
Other finished products	12	19	30	49	49	50	55	63	60
Other unfinished oils (net) [2]	7	*11*	*22*	*32*	*34*	*26*	*33*	*38*	*44*
Shortage [2]	*1*	*12*	*53*	*80*	*107*	*117*	*123*	*131*	*139*

– Represents zero. NA Not available. [1] Includes other liquid hydrocarbon. [2] Negative quantities.

No. 1098. Natural-Gas Liquids—Production and Value: 1950 to 1970

[Prior to 1960, excludes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 148–151]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Total produced ... mil. (42-gal.) bbl.	182	281	340	442	514	550	580	606
Natural gasoline and mixtures [1] ... mil. (42-gal.) bbl.	77	106	107	130	139	148	158	165
Liquefied petroleum gases [2] ... mil. (42-gal.) bbl.	72	142	201	268	327	351	378	400
Cycle products ... mil. (42-gal.) bbl.	33	33	32	44	49	51	44	41
Value at plants:								
Natural gasoline [1] ... mil. dol.	214	313	313	361	389	412	458	469
Liquefied petroleum gases [2] ... mil. dol.	98	195	392	417	633	552	499	672
Cycle products ... mil. dol.	108	111	104	134	158	160	145	134
Average value, all light products ... dol. per bbl.	2.31	2.18	2.39	2.06	2.29	2.04	1.90	2.10
Natural gas processed ... tril. cu. ft.	5	8	10	14	16	16	18	19
Average yield, all light products ... gal. per 1,000 cu. ft.	1.43	1.44	1.46	1.35	1.38	1.42	1.38	1.37

[1] Beginning 1955, includes isopentane; included in LP-gases for prior years. [2] Includes ethane.

Source of tables 1096–1098: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1099. Natural Gas—Production, Consumption, Value, and Reserves: 1950 to 1970

[Prior to 1960, excludes Alaska. See also *Historical Statistics, Colonial Times to 1957*, series M 138–147]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Marketed production [1] ..... bil. cu. ft.	6,282	9,405	12,771	16,040	18,171	19,322	20,698	21,921
Value (at wells) ..... mil. dol.	409	978	1,790	2,495	2,899	3,169	3,456	3,746
Average per 1,000 cu. ft. ..... cents	6.5	10.4	14.0	15.6	16.0	16.4	16.7	17.1
Producing gas wells, Dec. 31 ..... number	64,900	71,475	90,761	111,680	112,321	114,391	114,476	117,496
Total consumption ..... bil. cu. ft.	6,026	9,070	12,509	16,033	18,173	19,460	20,923	22,046
Residential ..... bil. cu. ft.	1,198	2,124	3,103	3,903	4,313	4,450	4,728	4,837
Commercial ..... bil. cu. ft.	388	629	1,020	1,443	1,717	1,801	1,955	2,057
Industrial ..... bil. cu. ft.	4,440	6,317	8,386	10,687	12,143	13,209	14,240	15,152
Value (at point of consumption) of gas consumed ..... mil. dol.	1,604	3,626	6,270	8,368	9,442	9,800	10,769	11,825
Residential ..... mil. dol.	826	1,885	3,209	4,091	4,501	4,635	4,954	5,272
Commercial ..... mil. dol.	184	395	791	1,115	1,338	1,398	1,526	1,682
Industrial ..... mil. dol.	593	1,346	2,270	3,161	3,603	3,767	4,289	4,871
Average per 1,000 cu. ft. ..... cents	26.6	40.0	50.1	52.2	51.9	50.3	51.5	53.6
Residential ..... cents	69.0	88.7	103.4	104.8	104.3	104.1	104.7	109.0
Commercial ..... cents	47.6	62.7	77.5	77.3	77.9	77.6	78.1	81.8
Industrial ..... cents	13.4	19.6	27.1	29.6	29.7	28.5	30.1	32.1
Number of consumers:								
Residential 1,000	16,906	26,084	31,148	35,302	36,434	37,259	38,096	38,604
Commercial 1,000	1,347	2,140	2,584	2,991	3,077	3,121	3,222	3,253
Proved reserves, Dec. 31 [2] ..... bil. cu. ft.	184,585	223,697	263,759	286,469	292,908	287,350	275,109	290,746

[1] 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, Arlington, Va.

No. 1100. Natural Gas—Production, 1950 to 1970, and Reserves, 1960 and 1970, by States

[In billions of cubic feet]

STATE	MARKETED PRODUCTION [1]								RESERVES [2]	
	1950	1955	1960	1965	1967	1968	1969	1970	1960	1970
Total	6,282	9,405	12,771	16,040	18,171	19,322	20,698	21,921	263,759	290,746
Arkansas	48	32	55	83	117	157	169	181	1,460	2,581
California	558	538	518	660	681	715	678	649	8,844	6,300
Colorado	11	49	107	126	117	121	119	106	2,043	1,629
Illinois	13	8	12	7	5	4	4	5	173	415
Kansas	364	471	634	793	872	836	883	900	19,620	13,325
Kentucky	73	73	75	79	89	89	81	78	1,144	978
Louisiana	832	1,680	2,988	4,467	5,717	6,416	7,228	7,788	63,386	82,957
Michigan	11	8	21	35	34	40	36	39	586	940
Mississippi	114	163	172	167	139	135	131	126	2,542	1,334
Montana	39	28	33	28	26	19	41	43	626	1,100
Nebraska	(z)	13	15	11	8	8	7	6	118	58
New Mexico	213	541	799	937	1,068	1,164	1,138	1,139	15,604	13,290
North Dakota	1	5	19	36	40	41	34	35	1,151	567
Ohio	43	34	36	36	41	43	50	52	766	993
Oklahoma	482	615	824	1,321	1,413	1,391	1,524	1,595	17,311	16,954
Pennsylvania	91	99	114	84	90	88	79	77	1,192	1,378
Texas	3,126	4,731	5,893	6,637	7,189	7,495	7,853	8,358	119,489	106,353
Utah	4	17	51	72	49	46	47	43	1,526	1,065
West Virginia	190	212	209	207	211	237	232	242	1,831	2,436
Wyoming	62	78	182	236	240	248	304	339	3,935	4,243
Other States [3]	5	9	12	18	25	28	60	120	411	31,850

Z Less than 500 million cubic feet.
[1] Comprises gas sold or consumed by producers, including loss due to natural-gas liquids recovery, 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, Arlington, Va.
[3] Prior to 1960, excludes Alaska.

Source of tables 1099 and 1100: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1101. Cement—Summary: 1950 to 1970

[**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	1950	1955	1960	1965	1967	1968	1969	1970
Production of finished cement [1]	230,272	314,913	334,130	388,847	385,848	412,273	416,889	404,870
Portland	226,026	297,453	319,009	371,422	369,399	394,909	399,602	389,190
Prepared masonry	(NA)	16,519	14,553	17,146	16,354	17,278	17,201	15,680
Active plants, number:								
Portland	150	157	176	181	188	183	181	182
Natural, slag, hydraulic lime	9	6	4	4	3	3	2	2
Shipments	231,975	310,245	327,087	391,686	390,271	414,786	427,227	406,304
Value ... mil. dol.	546	897	1,104	1,245	1,238	1,322	1,382	1,366
Per barrel ... dollars	2.35	2.89	3.37	3.18	3.17	3.19	3.23	3.36
Portland	227,756	292,765	312,292	374,086	374,017	397,448	409,826	390,461
Prepared masonry	(NA)	16,526	14,247	17,321	16,160	17,252	17,316	15,843
Natural, slag, hydraulic lime	4,219	954	548	279	94	86	85	(D)
Stocks at mills, Dec. 31 (Portland)	13,119	17,539	35,640	33,015	41,659	42,129	38,059	38,550
Imports	1,410	5,220	4,108	5,505	5,913	7,289	9,687	13,812
Exports	2,418	1,795	187	748	980	942	589	847
World production (est.) ... mil. bbl.	782	1,275	1,856	2,543	2,813	3,022	3,180	3,350

D Withheld to avoid disclosing individual company data. NA Not available.
[1] Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement.

No. 1102. Portland Cement—Production, by States: 1950 to 1970

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

STATE	1950	1955	1960	1965	1967	1968	1969	1970
Total	226,026	297,453	319,009	371,422	369,399	394,909	399,602	389,190
Alabama	10,372	12,161	11,935	14,089	13,445	13,291	13,686	12,795
California	26,277	35,449	39,892	45,172	42,055	47,076	50,765	50,072
Illinois	7,924	8,810	9,270	9,235	9,608	9,719	8,872	7,400
Iowa	7,416	10,182	12,527	13,575	13,650	13,544	13,633	13,421
Kansas	8,616	9,219	7,996	8,877	9,023	9,887	9,737	8,973
Michigan	12,967	18,205	20,971	27,018	29,862	31,195	30,565	29,655
Missouri	9,778	12,001	12,606	13,975	14,888	19,806	20,860	20,733
New York and Maine	14,196	20,049	20,134	29,622	26,684	28,696	27,555	27,518
Ohio	10,607	13,966	16,850	14,599	14,773	14,891	14,698	11,898
Pennsylvania	38,646	46,863	37,170	39,340	39,410	43,929	43,104	41,652
Tennessee	6,685	8,110	7,926	8,829	7,947	8,584	8,813	8,534
Texas	17,150	24,241	23,190	30,771	32,277	34,161	35,823	34,584
Other States [1]	55,392	78,197	98,542	116,320	115,777	120,130	121,491	121,955

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

No. 1103. Gypsum—Summary: 1950 to 1971

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

ITEM	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Active establishments [1]	87	83	96	113	113	115	114	108	109
Crude gypsum: [2]									
Mined	8,193	10,684	9,825	10,033	9,393	10,018	9,905	9,436	9,647
Imports for consumption	3,219	3,977	5,301	5,911	4,563	5,474	5,858	6,128	6,000
Apparent supply	11,412	14,661	15,126	15,944	13,956	14,492	15,763	15,564	15,647
Calcined gypsum produced	7,341	8,848	8,591	9,320	7,879	8,844	9,324	8,449	8,620
Value	60,480	88,576	120,984	133,028	115,467	113,239	143,466	132,047	134,903
Gypsum products sold, value [3]	205,383	319,323	361,190	419,620	362 268	404,739	414,880	353,474	367,427
Uncalcined uses, quantity	2,218	2,938	3,716	4,577	4,511	4,935	4,681	4,258	4,400
Value	7,912	11,435	15,486	20,313	20,882	23,145	22,048	21,294	20,444
Industrial uses, quantity	266	299	284	319	293	301	316	284	268
Value	4,530	6,337	6,362	8,281	8,288	8,914	8,769	9,058	7,705
Building uses, value	192,940	301,551	339,342	391,026	333,098	372,680	384,063	323,122	339,278

[1] Each mine, plant, or combination mine and plant is counted as 1 establishment.
[2] Excludes byproduct gypsum. [3] Made from domestic, imported, and byproduct gypsum.

Source of tables 1101-1103: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1104. Sand and Gravel—Quantity Sold and Value: 1950 to 1970

[**Quantities in millions of short tons.** Prior to 1960, includes Puerto Rico. See *Historical Statistics, Colonial Times to 1957*, series M 183, for total]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Total sold or used by producers	370	592	710	908	906	917	937	982
Use:								
Construction	351	563	686	878	875	885	902	944
Building	133	214	231	274	266	295	306	296
Paving	204	328	389	466	491	471	482	503
Other	14	21	66	138	119	119	114	145
Industrial sand	17	19	18	25	25	27	29	29
Miscellaneous gravel	2	11	6	5	5	5	6	9
Class of operation:								
Commercial	[1] 258	420	523	656	668	711	731	770
Sand	[1] 125	197	234	297	305	323	339	362
Gravel	133	224	289	358	362	388	392	409
Government-and-contractor	113	172	187	252	238	207	206	211
Sand	14	25	32	55	54	46	41	51
Gravel	99	147	155	197	185	160	165	161
Total value ... mil. dol.	[1] 295	536	720	957	981	1,020	1,070	1,116
Average per ton ... dollars	.80	.91	1.01	1.05	1.08	1.11	1.14	1.18

[1] Excludes ground sand.

No. 1105. Stone—Quantity Sold or Used by Producers, and Value: 1950 to 1970

[1950 includes Puerto Rico]

KIND AND USE	QUANTITY SOLD OR USED [1] (mil. short tons)						VALUE (mil. dol.)					
	1950	1960	1965	1968	1969	1970	1950	1960	1965	1968	1969	1970
Total [2]	252	617	780	820	863	875	404	953	1,204	1,318	1,425	1,475
Granite	22	43	60	71	76	87	51	90	121	148	161	183
Basalt and related rocks	23	58	76	73	79	77	34	88	121	125	143	147
Sandstone [3]	9	21	29	27	27	24	24	49	62	63	64	59
Marble	(z)	2	2	3	2	2	11	31	39	32	35	34
Limestone [4]	181	451	555	604	629	626	253	623	766	874	937	961
Other stone	16	21	34	20	29	36	17	28	46	31	43	47
Shell	–	19	22	20	20	22	–	34	34	29	28	31
Slate	1	1	1	1	1	1	15	9	14	14	14	13

– Represents zero. Z Less than 500,000.
[1] Quantities of stone not sold by short tons are expressed in approximate short ton equivalents.
[2] 1950 excludes, later years include, calcareous marl, not shown separately.
[3] 1950 excludes ground sandstone, quartz, and quartzite for abrasives and other uses.
[4] 1950 excludes limestone, cement rock, and dolomite used in making cement, lime, and dead-burned dolomite.

No. 1106. Lime—Quantity Sold or Used by Producers: 1950 to 1970

[**Quantities in thousands of short tons.** Prior to 1960, includes Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series M 181–182]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Active plants ... number	168	150	157	212	209	206	201	194
Quantity sold or used by producers	7,478	10,480	12,935	16,794	17,985	18,637	20,209	19,747
Value ... mil. dol.	83	127	173	233	240	250	281	286
Per ton ... dollars	11.13	12.13	13.35	13.87	13.36	13.39	13.89	14.49
Open-market lime	7,022	8,930	8,189	10,449	11,461	12,054	13,113	12,718
Captive tonnage lime [1]	[1] 456	[1] 1,550	[1] 4,746	6,345	6,524	6,583	7,096	7,029
By type: Quicklime	3,834	6,113	8,271	12,009	13,449	14,440	15,479	15,248
Hydrated	1,885	2,238	2,715	2,609	2,656	2,364	2,864	3,126
Dead-burned dolomite	1,759	2,129	1,949	2,176	1,880	1,833	1,866	1,373
By use: Agricultural	333	305	187	217	174	213	180	142
Building	1,249	1,310	1,209	1,477	1,433	1,422	(D)	(D)
Chemical and industrial	4,137	6,736	9,591	12,924	14,488	15,170	(D)	(D)
Refractory [2]	1,759	2,129	1,949	2,176	1,890	1,833	1,866	1,373

D Withheld to avoid disclosing individual company data.
[1] Incomplete; only partial coverage of captive plants. [2] Dead-burned dolomite.

Source of tables 1104–1106: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1107. Phosphate Rock—Summary: 1950 to 1970

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Mine production	(NA)	44,432	60,858	84,305	128,973	148,336	121,712	125,514
P_2O_5 content	(NA)	5,582	9,276	14,320	19,503	29,024	18,044	18,634
Marketable production	12,478	13,737	19,618	29,482	39,770	41,251	37,725	38,739
P_2O_5 content	3,994	4,353	6,096	9,132	12,464	12,843	11,684	11,998
Value ... mil. dol.	63.3	75.4	117.0	193.3	265.9	250.7	208.7	203.2
Per ton ... dollars	5.08	5.49	5.97	6.55	6.69	6.08	5.53	5.25
Sold or used by producers	11,484	14,768	19,266	29,039	37,835	37,319	36,730	37,923
P_2O_5 content	3,736	4,682	5,994	9,015	11,855	11,594	11,431	11,798
Value ... mil. dol.	59.0	82.9	115.4	188.6	251.2	228.3	204.4	199.6
Per ton ... dollars	5.14	5.61	5.99	6.49	6.64	6.12	5.57	5.26
Imports for consumption [1]	97	131	144	148	139	116	140	136
Value ... mil. dol.	[2] 1.1	2.7	3.8	3.0	3.3	2.7	3.6	3.8
Per ton ... dollars	[2] 11.48	20.63	26.07	20.14	23.46	23.09	25.42	27.87
Exports	1,971	2,445	4,473	7,323	10,072	12,099	11,336	10,895
P_2O_5 content	661	806	1,445	2,313	3,290	3,917	3,685	3,528
Value ... mil. dol.	10.4	14.3	26.6	51.1	69.5	75.7	62.3	55.7
Per ton ... dollars	5.26	5.84	5.95	6.98	6.90	6.25	5.49	5.12
Consumption, apparent [3]	9,611	12,454	14,937	21,864	27,902	25,336	25,534	27,164
World production	25,760	33,578	46,110	70,298	85,914	92,577	90,062	93,858

NA Not available. [1] Data on P_2O_5 content not available.
[2] Market value (price) at port of shipment. [3] Amount sold or used plus imports minus exports.

No. 1108. Potash—Summary: 1950 to 1970

[Quantities in thousands of short tons]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970
Production of potassium salts (marketable)	2,243	3,514	4,472	5,401	5,649	4,769	4,918	4,853
Approximate equivalent K_2O	1,288	2,067	2,638	3,140	3,299	2,722	2,804	2,729
Value [1] ... mil. dol.	45.3	78.6	89.7	129.8	105.3	75.7	73.6	98.1
Sales of potassium salts by producers	2,222	3,405	4,412	5,027	5,363	5,091	5,340	4,703
Approximate equivalent K_2O	1,276	2,006	2,602	2,931	3,126	2,913	3,069	2,669
Value at plant ... mil. dol.	44.9	76.2	88.4	121.2	100.6	81.6	78.1	92.4
Per ton ... dollars	20.22	22.37	20.04	24.10	18.75	16.03	14.62	19.64
Imports for consumption of potash materials	381	331	415	1,867	2,929	3,658	3,978	4,418
Approximate equivalent K_2O	201	178	226	1,108	1,708	2,172	2,340	2,612
Value ... mil. dol.	14.0	11.8	15.4	52.7	73.6	78.1	67.1	101.4
Exports of potash materials	117	229	833	1,099	1,175	1,336	1,259	1,047
Approximate equivalent K_2O	65	130	491	648	693	748	709	572
Value ... mil. dol.	5.5	9.2	25.9	42.5	39.9	43.5	37.8	36.9
Apparent consumption of potassium salts [2]	2,486	3,507	3,994	5,795	7,117	7,413	8,059	8,074
Approximate equivalent K_2O	1,412	2,054	2,337	3,391	4,141	4,337	4,700	4,709
World production (marketable), approximate equivalent K_2O	5,300	8,000	10,000	15,100	17,400	17,867	18,810	[3] 20,443

[1] Derived from reported value of amount sold or used. [2] Amount sold or used plus imports minus exports.
[3] Preliminary.

No. 1109. Sulfur—Summary: 1950 to 1971

[**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 185–189]

ITEM	1950	1955	1960	1965	1968	1969	1970	1971 [1]
Production, sulfur, all forms [2]	5,986	7,027	6,661	8,212	9,739	9,540	9,549	9,575
Sulfur from Frasch mines	5,192	5,739	4,943	6,116	7,460	7,146	7,082	7,025
Recovered elemental sulfur	142	399	767	1,215	1,354	1,414	1,449	1,586
Pyrites (gross weight)	931	1,007	1,016	875	872	(D)	(D)	(D)
Sulfur content	393	410	416	354	362	(D)	(D)	(D)
Byproduct sulfuric acid [3] (sulfur content)	216	325	345	388	430	517	535	(NA)
Shipments, Frasch mines	5,505	5,839	5,003	7,251	6,645	6,551	6,419	6,756
Approximate value ... mil. dol.	104	163	115	165	268	177	152	(NA)
Average value per long ton ... dollars	18.89	27.94	23.08	22.71	40.35	26.97	23.67	(NA)
Imports for consumption:								
Sulfur, ore and other (gross weight)	(Z)	35	741	1,486	1,614	1,675	1,537	1,297
Pyrites (gross weight)	209	80	306	[4] 160	[4] 140	[4] 120	[4] 130	130
Exports, sulfur	1,479	1,636	1,787	2,635	1,602	1,547	1,433	1,532

D Withheld to avoid disclosure of individual company data. NA Not available. Z Less than 500 tons.
[1] Preliminary. [2] Includes other byproduct sulfur compounds, not shown separately.
[3] Produced at copper, lead, and zinc plants. [4] Estimate.

Source 1107–1109: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1110. Salt—Summary: 1940 to 1970

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

ITEM	1940	1950	1955	1960	1965	1967	1968	1969	1970
Production [1]	10,360	16,630	22,704	25,479	34,687	38,946	41,274	44,245	45,896
California	469	868	1,315	1,443	1,638	1,732	1,901	1,895	1,656
Kansas [2]	684	846	911	1,213	1,053	1,069	1,128	1,270	1,230
Louisiana	1,133	2,279	3,563	4,792	8,126	9,585	10,908	12,435	13,584
Michigan	2,863	4,447	4,975	4,088	4,171	4,789	4,893	4,819	4,899
New York	2,118	2,807	3,780	4,008	5,002	5,320	5,218	5,582	5,990
Ohio	2,080	2,515	2,905	3,108	5,026	5,407	5,713	5,844	5,329
Texas	402	1,852	3,583	4,756	6,964	8,344	8,534	9,261	10,184
West Virginia	144	368	638	920	1,153	1,127	1,308	1,309	1,190
Other States	466	648	1,035	1,151	1,554	1,573	1,671	1,830	1,834
Evaporated (manufactured)	2,783	3,329	3,987	4,104	4,925	5,289	5,522	5,663	5,498
In brine	5,312	9,373	13,424	14,911	19,952	21,996	23,291	25,185	26,228
Rock salt	2,266	3,927	5,293	6,466	9,810	11,661	12,461	13,397	14,170
Total value [3] ....mil. dol.	26	60	123	161	216	251	272	288	305
Exports	147	190	407	420	688	678	728	716	423
Imports for consumption	30	8	186	1,057	2,410	2,843	3,456	3,302	3,536

[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.

No. 1111. Copper—Summary: 1951 to 1971

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

ITEM	1951-55 (avg.)	1955	1960	1965	1968	1969	1970	1971 (prel.)
New (primary) copper produced—								
From domestic ores, as reported by—								
Mines	923	999	1,080	1,352	1,205	1,545	1,720	1,533
Copper ore produced [1] ..mil. sh. ton	101	113	135	173	170	224	258	(NA)
Average yield of copper ..percent	0.85	0.83	0.73	0.70	0.60	0.60	0.59	(NA)
Smelters	929	1,007	1,143	1,403	1,235	1,547	1,605	1,471
Percent of world total	28	28	23	23	19	21	23	(NA)
Refineries	929	997	1,121	1,336	1,161	1,469	1,521	1,411
From foreign ores, matte, etc., refinery reports	317	345	398	376	276	274	244	181
Total new refined, domestic and foreign	1,246	1,342	1,519	1,712	1,437	1,743	1,765	1,592
Secondary copper produced	925	989	871	1,253	1,218	1,375	1,248	1,216
Recovered from old scrap only	445	515	429	513	521	575	504	467
Imports (unmanufactured) [2]	595	594	524	523	710	414	392	359
Refined	255	202	143	137	400	131	132	164
Exports of metallic copper [3]	224	260	510	379	314	241	274	242
Refined (ingots and bars)	167	200	434	325	241	200	221	188
Stocks (producers), Dec. 31	230	235	359	281	320	330	470	378
Mine production of primary copper	923	999	1,080	1,352	1,205	1,545	1,720	1,533
Arizona	407	454	539	703	628	801	918	828
Michigan	29	50	56	72	75	75	68	61
Montana	68	82	92	115	69	103	120	98
Nevada	65	79	77	71	77	105	107	94
New Mexico	70	66	67	99	91	120	166	153
Utah	254	233	218	259	228	297	296	260
Other States	30	35	30	32	36	43	45	39
Average price ....cents per pound	28.8	37.3	32.1	35.4	42.2	47.9	58.2	52.0
World smelter production, new copper	3,280	3,630	5,040	6,105	6,051	6,622	6,864	(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] Includes 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, excluding ore, concentrates, composition metal, and unrefined copper. Also excludes "Other copper manufactures," for which quantity not recorded before 1953. 1951-55 data not strictly comparable with later years due to changes in classification.

Source of tables 1110 and 1111: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1112. Iron Ore—Summary: 1950 to 1971

[**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	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Production	**98,045**	**103,003**	**88,784**	**87,439**	**84,179**	**85,865**	**88,328**	**89,760**	**82,298**
By district:									
Lake Superior	79,627	83,255	71,792	66,432	64,229	66,224	68,730	69,636	66,242
Southeastern	7,508	7,106	4,365	1,964	1,889	1,509	1,437	1,484	405
Northeastern	4,475	4,650	4,125	5,173	4,197	3,963	3,800	3,491	3,048
Western	5,861	6,958	4,583	[1] 13,065	[1] 13,092	[1] 13,441	13,632	14,314	12,016
Byproduct ore	[1] 575	[1] 1,034	[1] 3,918	805	772	728	729	835	587
By type of ore:									
Hematite [2]	87,156	92,958	[1,3] 68,147	47,043	40,991	34,627	34,958	33,584	(NA)
Limonite [2]	2,615	2,461	1,641	2,664	1,760	1,177	1,343	1,550	(NA)
Magnetite [2]	7,699	6,550	18,205	36,927	40,656	49,331	51,299	53,792	(NA)
Byproduct ore [4]	[1] 575	[1] 1,034	791	805	772	728	729	835	587
Number of mines	247	305	247	183	131	111	92	74	(NA)
Shipments [5]	97,764	106,258	82,963	84,073	82,415	81,934	89,854	87,176	79,678
Value [5] ... $1,000	487,990	756,853	724,131	801,350	817,511	836,433	929,293	941,739	(NA)
Avg. value per ton at mine	$4.99	$7.12	$8.73	$9.53	$9.92	$10.21	$10.34	$10.80	(NA)
Stocks at mines, Dec. 31	5,726	4,281	12,337	12,667	12,959	16,041	13,566	15,316	17,552
Imports for consumption	8,281	23,472	34,578	45,103	44,611	43,941	40,733	44,876	40,148
Value ... $1,000	43,968	177,457	321,919	443,788	443,918	453,753	402,178	479,380	450,851
Exports	2,551	4,517	5,273	7,085	5,906	5,884	5,160	5,492	3,057
Value ... $1,000	15,717	36,993	57,899	80,418	71,585	70,835	62,310	67,898	38,147
World production (est.)	247,000	363,421	513,926	611,187	612,820	668,142	707,183	754,299	749,000

NA Not available. [1] Includes undistributed. [2] Predominant mineral.
[3] Includes brown ore from Tenn., Mo., and Tex.; also magnetite from Calif., Utah, and Wyo.
[4] Pyrites, cinder, and sinter. [5] Beginning 1960, excludes byproduct ore.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1113. Pig Iron and Ferroalloys—Summary: 1950 to 1971

[**In thousands of short tons, except furnaces.** See *Historical Statistics, Colonial Times to 1957*, series P 233]

ITEM	1950	1955	1960	1965	1968	1969	1970	1971
Blast furnaces, number, Jan. 1	248	261	263	239	230	230	228	219
Number in blast, Jan. 1	218	206	229	191	173	154	169	152
Blast furnace production	65,440	77,790	67,320	88,859	89,333	95,480	91,816	81,692
Pig iron	64,587	76,858	66,481	88,185	88,780	95,017	91,435	81,266
Ferroalloys	853	932	839	674	553	463	381	393
Electric furnace production, ferroalloys	960	1,474	1,246	2,059	2,029	2,113	2,035	1,776
Total production	**66,400**	**79,264**	**68,566**	**90,918**	**91,362**	**97,130**	**93,470**	**83,075**
Basic	49,880	62,485	58,261	80,431	83,396	89,888	86,438	77,341
Bessemer and low-phosphorus	8,426	7,699	3,791	2,936	1,606	1,402	1,593	1,360
Foundry (incl. ferrosilicon) [1]	3,646	3,558	2,152	2,303	2,081	2,430	2,257	1,711
Malleable	3,181	3,531	2,673	2,806	1,804	1,456	1,415	1,336
Ferromanganese and spiegeleisen	777	955	878	1,009	901	868	796	791
All other [1]	490	1,035	811	1,433	1,574	1,086	971	536
Materials used: [2]								
Iron and manganese ore [3]	112,156	127,753	104,608	133,470	142,789	148,864	143,859	128,898
Mill cinder, scrap, scale, etc.	10,731	15,210	9,034	11,272	8,206	9,372	8,659	7,259
Coke	59,549	67,061	49,772	57,880	55,378	59,521	57,597	50,977
Limestone, dolomite, etc.	27,708	29,744	15,868	17,942	12,882	14,396	14,063	12,452
Production of pig iron:								
Alabama	4,347	4,924	3,541	4,290	4,378	4,894	4,654	3,945
Colorado, Utah, California	2,653	3,561	3,735	4,877	4,915	5,032	5,161	4,493
Illinois	6,024	6,489	5,307	6,294	6,205	7,129	7,401	6,443
Indiana	7,018	8,717	8,404	11,020	12,475	12,663	13,348	12,696
Kentucky, Tennessee, Texas	1,460	1,713	7,987	10,875	10,765	12,067	11,434	9,772
Maryland, West Virginia	5,203	6,094						
Michigan, Minnesota	2,830	4,002	4,981	7,533	7,317	7,635	7,546	7,274
New York	[4] 4,302	[4] 5,144	4,205	6,100	5,910	6,365	5,569	4,195
Ohio	12,510	15,370	11,788	15,407	15,798	16,906	15,554	13,695
Pennsylvania	18,240	20,844	16,533	21,789	21,017	22,326	20,768	18,786

[1] Prior to 1965, silvery pig iron included in "Foundry"; thereafter, in "All other."
[2] Materials consumed in manufacture of pig iron only. [3] Includes agglomerated products.
[4] Includes Massachusetts.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1114. Gold and Silver—Summary: 1950 to 1971

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

ITEM	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Mine production:									
Gold.....1,000 fine ounces..	2,394	1,880	1,667	1,705	1,584	1,478	1,733	1,743	1,492
Silver....1,000 fine ounces..	42,459	37,198	30,766	39,806	32,345	32,729	41,906	45,006	40,502
Value of production:									
Gold.....mil. dol..	84	66	58	60	55	58	72	63	62
Silver.....mil. dol..	38	34	28	51	50	70	75	80	63
Ore produced: [1]									
Gold ore...1,000 short tons..	3,584	2,234	2,267	3,113	3,076	2,780	3,393	3,692	(NA)
Gold-silver ore 1,000 short tons..	433	120	347	206	157	199	208	(D)	(NA)
Silver ore..1,000 short tons..	627	570	641	752	617	655	655	673	(NA)
Net industrial consumption:									
Gold.....mil. dol..	98	46	105	185	220	259	295	217	268
Silver [2]...1,000 fine ounces..	110,000	101,400	102,000	137,000	171,031	145,293	141,544	128,404	128,637
Imports: [2]									
Gold.....mil. dol..	163	104	335	102	33	226	237	237	297
Silver.....mil. dol..	79	71	54	63	77	138	119	104	86
Exports: [2]									
Gold.....mil. dol..	514	7	2	1,285	1,005	839	12	38	55
Silver.....mil. dol..	4	4	27	51	96	247	157	49	19
Price, average per fine ounce: [3]									
Gold.....dollars..	35.00	35.00	35.00	35.00	35.00	39.26	41.51	36.41	41.25
Silver.....dollars..	.905+	.905+	.905+	1.293+	1.550+	2.144+	1.790+	1.771−	1.546
World production (estimate):									
Gold.....1,000 fine ounces..	32,700	36,300	38,200	46,200	45,700	46,200	46,500	47,400	48,000
Silver....1,000 fine ounces..	203,300	224,000	241,300	257,400	258,200	275,300	290,500	301,700	305,200

D Withheld to avoid disclosure of individual company data.
NA Not available. [1] Dry and siliceous gold and silver are also produced from base-metal ores and placers. In 1970, dry and siliceous ores accounted for 60 percent of gold produced and 33 percent of silver.
[2] Excludes coinage. [3] Treasury buying price, except New York price for silver, beginning 1965.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1115. Gold and Silver—Production, by States: 1950 to 1970

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

STATE	GOLD					SILVER				
	1950	1960	1965	1969	1970	1950	1960	1965	1969	1970
Total	**2,289**	**1,680**	**1,676**	**1,733**	**1,743**	**42,309**	**36,800**	**39,000**	**41,906**	**45,006**
Alaska	276	173	43	21	35	50	27	7	2	2
Arizona	111	158	154	111	110	5,089	5,338	6,100	6,141	7,330
California	410	125	61	8	5	1,000	188	177	492	451
Colorado	124	68	39	26	37	3,343	2,070	2,003	2,599	2,933
Idaho	69	6	5	3	3	15,993	17,814	18,100	18,930	19,115
Michigan	–	–	–	–	–	(Z)	6	[1] 844	1,009	892
Missouri	–	–	–	–	–	233	81	80	1,442	1,817
Montana	57	46	26	24	22	7,178	3,970	5,100	3,429	4,304
Nevada	170	66	205	456	480	1,634	703	350	884	718
New Mexico	7	5	10	9	9	365	315	283	466	782
South Dakota	572	551	656	593	579	143	109	131	124	120
Utah	392	314	389	433	408	6,799	5,132	5,241	5,954	6,030
Washington	89	163	88	48	55	358	696	355	435	512
Other States	12	4				124	352	229		

– Represents zero. Z Less than 500 ounces.
[1] Includes an accumulation of silver recovered from lake copper (i.e., copper from underground mines located in the Great Lakes region); actual years of mine production unknown.

Source: Through 1965, U.S. Bureau of the Mint, *Annual Report of the Director;* thereafter, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1116. Molybdenum Concentrates—Summary: 1950 to 1971

[**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	1950	1960	1965	1967	1968	1969	1970	1971 [1]
Production	28,480	68,237	77,372	90,097	93,447	99,807	111,352	108,582
Shipments from mines	44,544	69,941	77,310	81,596	[1] 93,245	103,009	110,381	88,177
Average price per pound [2]....dollars..	.91	1.25	1.55	1.62	1.62	1.72	1.72	1.72
Exports [3]	6,235	30,244	24,096	30,000	29,006	57,575	55,737	46,284
Imports for consumption	3	–	142	1,179	1	(Z)	25	854
Consumption	26,029	44,784	68,112	58,967	75,647	73,275	76,101	61,803
Stocks (industry), Dec. 31 [4]	4,326	3,481	4,208	9,919	12,208	8,398	9,715	27,978
World production (estimate) [5]	32,000	89,100	98,531	126,273	128,071	142,639	163,648	(NA)

– Represents zero. NA Not available. Z Less than 500 pounds. [1] Preliminary.
[2] Per pound of molybdenum contained. Source: *Engineering and Mining Journal*.
[3] Includes roasted concentrates. [4] At mines and at plants making molybdenum products.
[5] Beginning 1965, free world.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1117. Lead—Summary: 1950 to 1971

[**In thousands of 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	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Smelter prod. of refined primary lead	508	479	382	418	380	467	639	667	654
Domestic ores and base bullion [1]	419	321	229	305	259	349	514	528	574
Foreign ores and base bullion	90	158	154	113	121	118	125	139	80
Recovery of secondary lead	482	502	470	576	554	551	604	597	587
Imports, general:									
Lead in pigs, bars, and old	462	285	214	227	374	345	285	251	199
Lead in base bullion	3	–	(Z)	1	1	(Z)	2	(Z)	(Z)
Lead in ores and matte	77	177	146	123	124	88	109	112	66
Exports of refined pig lead [2]	3	(Z)	2	8	7	8	5	8	6
Consumption of metal, primary and secondary	1,238	1,213	1,021	1,241	1,261	1,329	1,389	1,361	1,392
Average price, common lead:									
New York ... cents per pound	13.30	15.14	11.95	16.00	14.00	13.21	14.93	15.69	13.82
London ... cents per pound	13.29	12.19	9.04	14.37	10.28	10.88	13.09	13.76	11.52
Mine production of recoverable lead [3]	431	338	247	301	317	359	509	572	573
Value [3] ... mil. dol.	(NA)	101	58	94	89	95	152	179	158
Colorado	27	16	18	22	22	20	22	22	24
Idaho	100	64	43	67	61	55	66	61	65
Missouri	135	125	112	134	153	213	355	422	428
Utah	45	50	39	38	54	45	41	45	39
World smelter production (est.)	1,850	2,250	2,550	2,911	3,182	3,251	3,566	3,637	3,700

– Represents zero. NA Not available. Z Less than 500 tons.
[1] Excludes lead content of antimonial lead. [2] Pigs, bars, and anodes. [3] Includes Alaska, except for 1967.

No. 1118. Nickel—Summary: 1950 to 1971

[**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	1950	1955	1960	1965	1968	1969	1970	1971 (prel.)
Mine production	–	4,411	14,079	16,188	17,294	17,056	15,933	17,000
Plant production: Primary	913	3,807	14,303	13,510	15,154	15,616	15,319	13,000
Secondary	8,795	11,540	9,431	19,407	14,061	18,775	23,159	22,000
Imports for consumption (estimated nickel content)	91,347	142,000	103,000	163,000	147,950	129,332	156,252	142,183
Exports (gross weight)	3,645	20,601	54,109	20,935	33,681	34,758	31,456	26,141
Consumption	99,989	110,100	108,159	172,084	159,306	141,737	155,719	127,892
Stocks (consumer), Dec. 31	5,907	9,001	11,369	14,047	27,466	16,590	24,757	12,578
Price per pound [1] ... cents	40–50.5	64.5	74	79–77.75	94–103	103–128	128–133	133
World production (estimate)	162,000	263,000	353,000	468,346	547,960	532,537	685,186	707,000

– Represents zero. [1] Price quoted U.S. buyers by International Nickel Co. Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario.

No. 1119. Tin—Summary: 1950 to 1971

[**Quantities in long tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports]

ITEM	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Production:									
Domestic smelters	33,118	22,329	(D)	3,098	3,048	3,453	345	(D)	(D)
Secondary sources	31,680	28,340	22,050	25,076	22,667	22,495	22,775	20,001	18,000
Imports for consumption:									
Metal	82,838	64,815	39,538	40,816	50,223	57,358	54,950	50,554	47,041
Ore (tin content)	25,960	20,112	14,026	4,326	3,255	2,439	–	4,467	3,020
Exports (domestic and foreign)	799	1,107	857	2,829	2,479	4,495	2,903	4,452	2,400
Monthly price of Straits tin at New York, average cents per pound	95.56	94.73	101.40	178.17	153.41	148.11	164.44	174.14	167.34
Consumption	104,464	90,483	80,560	83,966	80,638	81,961	80,790	73,829	69,789
World mine production (est.) 1,000 long tons	[1] 169	197	180	201	214	228	224	227	229

– Represents zero. D Withheld to avoid disclosure of individual company data. [1] Excludes U.S.S.R.

Source of tables 1117–1119: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1120. Tungsten—Summary: 1950 to 1971

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

ITEM	1950	1955	1960	1965	1968	1969	1970	1971 (prel.)
Production:								
Concentrates, 60% WO_3 basis..sh. tons..	4,166	16,636	7,007	(D)	7,876	7,254	8,517	7,900
Tungsten content.....1,000 lb..	3,965	15,833	6,669	(D)	7,496	6,904	8,105	7,520
Shipments from mines:								
Concentrates, 60% WO_3 basis..sh. tons..	4,820	16,412	7,325	7,949	8,264	7,360	8,194	7,880
Tungsten content.....1,000 lb..	4,588	15,619	6,972	7,566	7,866	7,004	7,798	7,550
Reported value f.o.b. mines.....$1,000..	8,171	60,841	9,815	13,028	19,377	18,195	21,890	20,625
Average per pound of tungsten..dollars..	1.78	3.90	1.40	1.72	2.46	2.60	2.81	2.73
Imports (tungsten content):								
General.....1,000 lb..	8,342	20,789	5,178	3,495	1,824	1,534	1,299	577
For consumption.....1,000 lb..	16,147	20,700	3,525	3,618	1,743	1,503	1,284	418
Consumption (tungsten content)..1,000 lb..	6,597	8,967	11,605	13,868	11,038	13,053	16,700	11,622
Stocks (tungsten content)[1].....1,000 lb..	5,337	4,025	5,545	1,845	1,177	1,569	2,232	3,200
World production (tungsten content) (estimate).....1,000 lb..	40,258	78,327	68,714	60,146	68,380	70,749	74,017	75,000

D Withheld to avoid disclosure of individual company data. [1] Producers and consumers, end of year.

No. 1121. Uranium—Summary: 1960 to 1971

[In short tons, except as indicated]

ITEM	1960	1965	1967	1968	1969	1970	1971 (prel.)
Mine ore shipments[1].....1,000..	7,970	4,376	5,272	6,448	5,904	6,324	6,300
Value.....$1,000..	152,188	84,154	80,450	93,496	94,240	93,540	93,500
Recoverable content (U_3O_8).....1,000 lb..	(NA)	19,727	20,653	24,140	23,747	24,682	24,678
Value.....$1,000..	(NA)	157,828	165,239	182,697	142,160	149,464	155,470
Production, concentrate (U_3O_8):							
Atomic Energy Commission procurement.	(NA)	10,442	8,425	7,338	6,184	2,510	(NA)
Cost.....$1,000..	(NA)	(NA)	(NA)	117,026	72,336	28,078	(NA)
Private industry sales[2].....	(NA)	(NA)	700	5,000	4,750	9,300	12,800
Imports for consumption concentrate (U_3O_8).	15,770	2,986	1,309	470	1,504	665	942
Value.....$1,000..	(NA)	58,103	12,593	5,000	14,601	7,789	11,760
World production[3].....(U_3O_8).	41,130	20,589	19,098	23,008	23,056	23,707	23,000

NA Not available. [1] Receipts at mills. [2] Estimated. [3] Free world.

No. 1122. Zinc—Production and Prices: 1950 to 1971

[**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	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Smelter production of primary slab zinc...	[1] 843	964	800	994	939	1,021	1,041	878	770
Value.....mil. dol..	240	237	205	291	262	276	305	236	248
Source:									
From domestic ores.....	588	583	334	551	439	499	459	404	400
From foreign ores.....	255	381	465	443	500	521	582	474	370
Production of redistilled secondary slab zinc.....	67	66	69	84	74	80	71	77	70
Average price of common zinc at East St. Louis.....cents per lb..	13.88	12.30	12.95	14.50	13.85	13.50	14.65	15.32	16.13
Mine production of recoverable zinc.....	623	515	435	611	549	529	553	534	492
Colorado.....	46	35	31	54	52	50	54	57	60
Idaho.....	88	53	37	58	57	57	56	41	43
New Jersey.....	55	12	–	38	26	26	25	29	29
New York.....	38	53	66	70	71	66	59	59	63
Pennsylvania.....	–	–	14	28	35	30	33	30	27
Tennessee.....	35	40	91	122	113	124	125	118	111
Utah.....	32	44	35	28	34	33	35	35	27
Wisconsin.....	6	18	18	27	29	26	23	21	11
Other States.....	323	260	143	186	132	117	144	144	121
World smelter production (estimate).....	2,170	2,930	3,335	4,751	4,548	5,053	5,520	5,412	5,150

– Represents zero.
[1] Excludes production of zinc used directly in alloying operations.

Source of tables 1120–1122: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1123. Bauxite—Summary: 1950 to 1971

[**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	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Production:									
Crude ore	1,585	2,139	2,409	1,990	2,051	2,071	2,233	2,522	2,400
Dried-bauxite equivalent	1,335	1,788	1,998	1,654	1,654	1,665	1,843	2,082	1,970
Value	7,693	14,543	21,107	18,632	19,079	23,752	25,725	30,070	(NA)
Shipments: [1]									
Gross weight (as shipped)	1,452	2,012	1,925	2,065	2,107	2,036	2,116	2,343	2,444
Dried-bauxite equivalent	1,337	1,727	1,654	1,785	1,826	1,749	1,844	2,078	2,010
Value	9,549	15,559	19,559	21,085	22,579	26,247	27,628	32,348	(NA)
Imports for consumption [2]	2,516	4,882	8,739	11,199	11,594	10,976	12,160	12,620	12,325
Value	15,730	63,656	78,024	142,989	151,418	140,228	165,639	156,362	153,638
Exports (as shipped)	45	14	29	147	2	7	5	3	34
Value	1,156	528	2,588	10,736	218	360	456	245	1,529
World production (estimate)	8,050	17,500	27,205	36,849	43,889	45,256	51,803	57,072	(NA)

NA Not available. [1] Shipments from mines and processing plants to consumers.
[2] Crude and dried. Beginning 1960, figures for Jamaica, Haiti, and Dominican Republic adjusted to dry equivalent; other imports on "as shipped" basis.

No. 1124. Aluminum—Summary: 1950 to 1971

[**Quantities in thousands of short tons; values in millions of dollars.** Excludes Alaska and Hawaii for 1950, 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	1950	1955	1960	1965	1967	1968	1969	1970	1971 (prel.)
Total production	962	1,902	2,344	3,395	3,967	4,072	4,694	4,757	4,725
Value	316	831	1,201	1,651	1,972	2,058	2,503	2,644	2,626
Primary aluminum:									
Production	719	1,566	2,014	2,754	3,269	3,255	3,793	3,976	3,925
Value	236	684	1,030	1,338	1,614	1,640	2,013	2,191	2,162
Price ... cents per pound [1]	17.7	23.7	26.0	24.5	25.0	25.6	27.2	28.7	29.0
Secondary aluminum:									
Production (recovered) [2]	244	336	329	641	698	817	901	781	800
From old scrap	76	76	63	160	129	155	148	146	200
From new scrap	167	260	267	481	569	662	753	635	600
Value [3]	80	147	171	313	358	418	490	453	464
Imports for consumption [4]	256	239	196	620	539	793	558	468	687
Value	[5] 68	105	103	266	246	358	268	231	324
Exports [4]	23	34	384	315	366	351	575	611	291
Value	[5] 13	20	174	170	207	196	324	360	197
Total apparent consumption	1,200	2,111	2,016	3,734	4,009	4,663	4,710	4,519	4,982
World production (estimate)	1,640	3,460	4,950	6,951	8,343	8,875	9,932	10,655	(NA)

NA Not available. [1] As quoted. 99+ percent virgin ingot. Source: *American Metal Market*.
[2] For 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] Not comparable with later years.

No. 1125. Magnesium—Summary: 1950 to 1971

[**In thousands of short tons, except as indicated.** Excludes Alaska and Hawaii for 1950, 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	1950	1955	1960	1965	1967	1968	1969	1970	1971
Production:									
Primary magnesium, ingot equivalent	15.7	61.1	40.1	81.4	97.4	98.4	99.9	112.0	123.5
Secondary magnesium, ingot equivalent	9.5	10.2	10.3	13.6	13.4	15.5	13.5	12.0	15.0
Average price per pound, primary (quoted) ... cents	22.0	29.5	35.25	35.25	35.25	35.25	35.25	35.25	36.25
Exports	0.9	8.2	4.5	17.8	12.0	19.5	27.4	35.7	24.3
Imports, metallic and scrap [1]	0.8	1.8	0.4	2.6	9.2	4.8	4.3	3.3	3.7
Domestic consumption [2]	18.1	46.5	37.1	69.6	90.8	86.4	95.1	93.5	120.0
World primary production (estimate)	50.0	132.0	102.5	178.3	208.6	212.3	221.7	243.3	250.0

[1] Represents imports for consumption. [2] Primary only.

Source of tables 1123-1125: U.S. Bureau of Mines, *Minerals Yearbook*.

Section 27
Construction and Housing

This section presents data on the construction industries and on various measures of construction activity and costs; housing units, values, facilities, and structural characteristics; residential financing; and urban renewal.

The principal source of these data is the Bureau of the Census, which issues the monthly *Construction Reports* series (see below); the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies*, the quarterly *Market Absorption of Apartments*, and the irregularly-issued *Housing Characteristics;* and various reports of the censuses of housing and of construction industries. It also provides many of the data published by the Bureau of Domestic Commerce in the monthly *Construction Review*, which brings together the major construction statistics series compiled by the Federal Government and also some series from private agencies. Other sources include the monthy *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y., which presents State data on construction contracts; and the *Statistical Yearbook* of the Department of Housing and Urban Development.

Construction.—The first three censuses of the construction industry were taken for 1929, 1935, and 1939 as part of the censuses of business. The next census of the construction industry was taken for 1967 as a part of the 1967 economic censuses.

The 1967 Census of Construction Industries covered construction establishments as defined in the *Standard Industrial Classification Manual* issued by the Office of Management and Budget. A construction establishment was defined as a relatively permanent place of business where the usual business activities related to construction were conducted. Reports were required from all establishments with a payroll equivalent of 10 or more employees and all establishments operated by multi-establishment companies. Data for single unit companies with a payroll equivalent of less than 10 employees were estimated on the basis of a probability sample survey. In addition, limited data for more than 400,000 construction establishments without payroll were developed from Government administrative records. For information on published reports, see "1967 Census of Business" in Appendix III of this book.

Current construction statistics compiled by the Bureau of the Census appear in the *Construction Reports* series. Monthly statistics supplemented by additional quarterly or annual data are published in reports with the following subtitles: *Housing Starts* and *Housing Completions*, presenting data, respectively, on the start and completion of construction by type of unit; *Sales of New One-Family Homes*, which includes data also on homes available for sale; *Value of New Construction Put in Place*, which also includes monthly composite construction cost indexes and an annual price index for new one-family homes sold; and *Housing Authorized by Building Permits and Public Contracts*, which covers approximately 13,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly in *Expenditures on Residential Additions, Alterations, Maintenance and Repairs, and Replacements* and annually in *Residential Alterations and Repairs*. Historical data on housing starts and building permits appear in *Housing Construction Statistics, 1899 to 1964*.

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, censuses of housing have been taken at 10-year intervals. For the 1970 census, data are presented on occupancy and structural characteristics, plumbing facilities, value, and rent. The 1970 data on housing characteristics are limited to year round housing units.

Results of evaluation studies of the 1970 census were not available in time for inclusion in this book. Estimates based on evaluation studies of the 1950 and 1960 censuses indicate a net undercount of about 2.3 percent for occupied housing units in 1950 and about 2.0 percent in 1960. The estimates for 1950 and 1960 are not strictly comparable due to differences in timing, procedures, and other factors. The data have not been adjusted to reflect the estimated undercount.

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) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

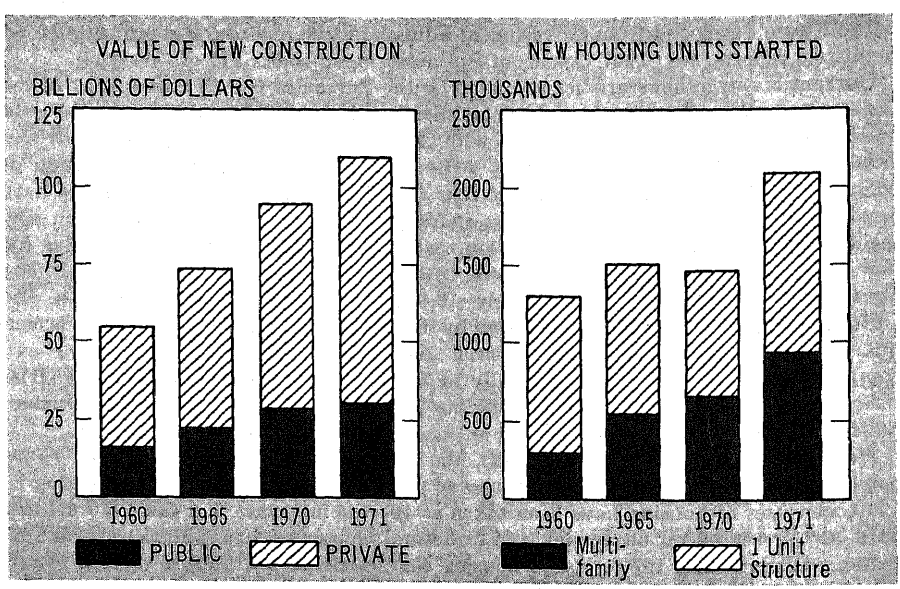
Residential financing.—The Bureau of the Census began collection of detailed statistics on residential mortgages in 1890. In the 1920 and 1940 censuses, mortgage questions were asked of owners who occupied their own homes. In 1950, the census included a separate survey covering nonfarm residential mortgaged 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 covered financing of both homeowner and rental properties and characteristics of nonmortgaged as well as mortgaged properties. 1970 data on residential financing are expected to become available in late 1972.

Data on home mortgages and foreclosures, based largely on reports from major holders, are provided by the Federal Home Loan Bank Board. The Housing Production and Mortgage Credit–FHA and the Veterans Administration compile data from their records on various aspects of home financing.

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

FIG. XLIX. NEW CONSTRUCTION—VALUE AND UNITS STARTED: 1960 TO 1971

[See tables 1126 and 1143]



Source: U.S. Bureau of the Census.

No. 1126. Value of New Construction Put in Place: 1958 to 1971

[*In millions of dollars, except percent.* 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 1946 to 1961, see U.S. Bureau of the Census, *Construction Reports*, series C30-61 (supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N 1-28]

ITEM	1958	1959	1960	1965	1967	1968	1969	1970	1971
Total	**50,153**	**55,305**	**54,632**	**73,412**	**77,503**	**86,626**	**93,368**	**94,030**	**109,399**
Private	**34,696**	**39,235**	**38,769**	**51,350**	**51,967**	**59,021**	**65,404**	**65,932**	**79,535**
Percent of total	69.2	70.9	71.0	69.9	67.1	68.1	70.0	70.1	72.7
Residential buildings (incl. farm)	[1] 19,789	[1] 24,251	22,975	27,934	25,568	30,565	33,200	31,864	43,062
New housing units	15,445	19,233	17,279	21,712	18,985	24,030	25,941	24,272	34,860
1 unit structures	(NA)	(NA)	14,648	15,705	14,261	16,827	16,413	14,754	22,148
2 or more unit structures	(NA)	(NA)	2,631	6,007	4,724	7,203	9,528	9,518	12,712
Additions and alterations	[1] 3,711	[1] 4,253	4,831	4,736	5,317	5,297	5,882	6,234	6,807
Nonhousekeeping	633	765	865	1,486	1,266	1,238	1,377	1,358	1,395
Nonresidential buildings	8,675	8,859	10,149	16,509	17,589	18,164	21,155	21,417	22,479
Industrial	2,382	2,106	2,851	(NA)	(NA)	6,021	6,783	6,538	5,423
Commercial	3,589	3,930	4,180	(NA)	(NA)	7,761	9,401	9,754	11,619
Religious	863	947	1,013	(NA)	(NA)	1,079	988	931	813
Educational	574	525	566	(NA)	(NA)	1,101	1,029	865	943
Hospital and institutional	600	570	605	(NA)	(NA)	1,579	2,169	2,529	2,864
Other nonresidential bldgs	667	781	934	(NA)	(NA)	623	785	800	817
Farm (nonresidential)	[2] 1,355	[2] 1,397	743	703	753	750	773	824	826
Public utilities	4,688	4,521	4,621	5,788	7,603	8,969	9,535	10,881	12,175
Telephone and telegraph	904	951	1,088	1,463	1,638	1,704	2,203	2,968	3,005
Other public utilities	3,784	3,570	3,533	4,325	5,965	7,265	7,332	7,913	9,170
Railroads	272	218	270	310	327	413	453	304	301
Electric light and power	2,291	2,007	2,026	2,589	3,777	4,452	4,764	5,804	7,068
Gas	1,065	1,214	1,105	1,304	1,549	2,043	1,884	1,578	1,571
Petroleum pipelines	156	131	132	122	312	357	231	227	230
All other private	189	207	281	416	454	573	741	946	993
Public	**15,457**	**16,070**	**15,863**	**22,062**	**25,536**	**27,605**	**27,964**	**28,098**	**29,864**
Percent of total	31.0	29.1	29.0	30.1	32.9	31.9	30.0	29.9	27.3
Buildings	5,499	5,476	5,511	7,893	9,982	10,439	11,230	10,657	11,397
Housing and redevelopment	846	962	716	603	709	746	1,047	1,107	1,136
Industrial	408	368	407	368	408	519	518	499	572
Educational	2,875	2,656	2,818	4,284	5,988	6,061	5,868	5,619	5,564
Hospital	390	428	401	520	636	698	804	837	981
Other public buildings	980	1,062	1,169	2,118	2,240	2,415	2,993	2,595	3,144
Highways and streets	5,545	5,761	5,437	7,550	8,591	9,321	9,250	9,981	10,658
Military facilities	1,402	1,465	1,366	830	695	808	879	718	894
Conservation and development	1,019	1,121	1,175	2,019	2,124	1,973	1,783	1,908	2,095
Other public construction	1,992	2,247	2,374	3,770	4,144	5,064	4,822	4,834	4,820
Sewer systems	836	906	882	1,195	1,058	1,551	1,344	1,544	1,829
Water supply facilities	551	561	605	1,266	1,270	1,514	1,336	1,094	996
Misc. public construction	605	780	887	1,309	1,816	1,999	2,142	2,196	1,995
Ownership:									
Federally owned	3,387	3,724	3,622	4,014	3,475	3,367	3,313	3,292	3,976
Buildings	964	1,148	1,024	1,460	991	936	1,003	902	1,077
Military facilities	1,402	1,465	1,366	830	695	808	879	718	894
Conservation and develop.	883	972	1,005	1,506	1,497	1,363	1,190	1,367	1,645
Misc. (incl. highways and streets)	136	139	227	218	292	260	241	305	360
State and locally owned	12,070	12,346	12,241	18,048	22,061	24,238	24,651	24,806	25,888
Buildings	4,535	4,328	4,487	6,433	8,991	9,503	10,227	9,755	10,320
Highways and streets	5,432	5,667	5,301	7,381	8,347	9,088	9,039	9,728	10,370
Conservation and develop.	134	149	170	513	627	610	593	541	450
Other	1,969	2,202	2,283	3,721	4,096	5,037	4,792	4,782	4,748

NA Not available.
[1] Excludes farm.
[2] Includes farm housing units.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1127. Value of New Construction Put in Place and Index of Physical Volume: 1950 to 1971

[**In millions of dollars, except as indicated.** Prior to 1960, excludes Alaska and Hawaii. Data in 1967 prices, based on revised figures shown in table 1083, are not directly comparable with data in 1957–59 prices for residential buildings, railroads, and petroleum pipelines. For details on derivation of constant values and description of revised series, see source. For 1946 to 1961, see U.S. Bureau of the Census *Construction Reports*, series C30–61 (Supplement). For 1915 to 1945, see *Historical Statistics, Colonial Times to 1957*, series N29–54]

TYPE OF CONSTRUCTION	IN 1957–59 PRICES					IN 1967 PRICES [1]		
	1950	1955	1960	1965	1970	1969	1970	1971
New construction	**43,576**	**51,717**	**52,171**	**62,896**	**60,170**	**81,629**	**77,239**	**83,746**
Index of physical volume [2]	*85*	*101*	*101*	*122*	*117*	*105*	*100*	*108*
Private	**34,309**	**38,394**	**36,518**	**43,780**	**42,317**	**57,215**	**54,877**	**61,964**
Percent of total	78.7	74.2	70.0	69.6	70.3	70.1	71.1	74.0
Residential buildings [3] (incl. farm)	23,232	24,222	21,304	23,496	20,509	29,041	27,432	35,474
New housing units	19,257	19,722	15,747	17,882	15,345	22,691	20,898	28,715
1 unit structures	(NA)	(NA)	(NA)	(NA)	(NA)	14,357	12,705	18,234
2 or more unit structures	(NA)	(NA)	(NA)	(NA)	(NA)	8,334	8,193	10,481
Additions and alterations	2,975	3,562	(4)	3,893	4,167	5,145	5,367	5,610
Nonhousekeeping	215	365	828	1,307	997	1,205	1,167	1,149
Nonresidential buildings	5,321	8,668	9,690	[5] 13,959	13,749	18,280	17,006	15,865
Industrial	1,447	2,807	2,803	4,541	3,895	5,873	5,154	3,837
Commercial [6]	1,930	3,623	3,943	5,491	6,332	8,116	7,735	8,106
Religious	558	823	958	1,001	556	854	747	587
Educational	399	553	535	609	448	890	695	680
Hospital and institutional	470	395	569	1,162	1,562	1,871	2,033	2,068
Other nonresidential buildings	517	467	882	1,155	956	676	642	587
Farm (other than residential)	1,124	938	790	702	(4)	670	697	652
Public utilities	4,470	4,384	4,474	5,294	(4)	8,591	9,009	9,294
Telephone and telegraph	574	865	1,059	1,353	2,038	1,961	2,371	2,147
Other public utilities	3,896	3,519	3,415	3,941	(4)	6,630	6,638	7,147
Railroad	363	366	261	302	(4)	405	247	232
Electric light and power [7]	1,879	1,866	1,980	2,408	(4)	4,313	4,866	5,498
Gas	1,308	1,110	1,047	1,117	(4)	1,703	1,337	1,240
Petroleum pipelines [8]	346	177	127	114	(4)	209	188	177
All other private	162	182	260	329	539	633	733	679
Public [9]	**9,267**	**13,323**	**15,653**	**19,116**	**17,853**	**24,414**	**22,362**	**21,782**
Percent of total	21.3	25.8	30.0	30.4	29.7	29.9	28.9	26.0
Buildings [10]	3,682	5,039	5,237	6,581	6,520	9,730	8,616	8,334
Housing and redevelopment	430	288	686	527	776	919	951	941
Industrial	304	848	402	324	325	449	393	401
Educational	1,543	2,742	2,664	3,554	3,351	5,080	4,512	4,014
Hospital	682	338	380	434	504	694	675	709
Other public buildings	723	823	1,105	1,742	1,564	2,588	2,085	2,269
Highways and streets	2,722	4,396	5,758	7,108	6,736	8,218	7,877	8,043
Military facilities	234	1,467	1,336	733	501	767	570	638
Conservation and development	1,351	799	1,089	1,605	1,102	1,527	1,485	1,425
Other public construction	1,278	1,622	2,233	3,089	2,994	4,172	3,814	3,342
Sewer systems	550	702	817	951	902	1,151	1,202	1,242
Water supply facilities	397	536	563	1,005	633	1,148	856	677
Miscellaneous public construction	331	384	853	1,133	1,459	1,873	1,756	1,423

NA Not available.
[1] For description of nature of revisions and the deflators used, see *Construction Reports*, series C30–70S.
[2] For data in 1957–59 prices, 1957–59=100; other data, 1967=100.
[3] For the 1957–59 series: Years 1950–1965, only the totals include farm dwellings; 1970 excludes farms completely, although an estimate for all farm construction is included in total private construction. For the 1967 series, both totals and individual categories for all years shown include farm dwellings.
[4] Not available; estimate included in totals.
[5] Beginning 1965, new series, essentially comparable in level with old series. See *Construction Reports*, series C30–66S.
[6] Excludes building by privately owned public utilities.
[7] Includes construction with REA funds.
[8] Through 1955, includes local transit.
[9] Beginning 1965, includes new 1957–59 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 Reports*, series C30–66S.
[10] Prior to 1965, excludes military buildings.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1128. Value of New Construction Put in Place, by Type: 1970 to 1972

[In millions of dollars]

TYPE OF CONSTRUCTION	1970				1971				1972, Jan.-Mar.
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	
New construction	19,239	23,611	26,036	25,144	21,627	27,789	30,563	29,420	25,516
Private [1]	13,758	16,465	17,785	17,924	15,517	19,988	22,183	21,847	19,194
Residential buildings (including farm)	6,519	7,907	8,640	8,798	7,747	10,817	12,395	12,103	10,674
New housing units	4,996	5,751	6,677	6,848	6,296	8,451	10,142	9,971	8,942
Nonhousekeeping	330	346	346	336	289	330	361	415	413
Additions and alterations	1,193	1,810	1,617	1,614	1,162	2,036	1,892	1,717	1,319
Nonresidential buildings [1]	4,806	5,432	5,656	5,523	4,790	5,626	6,104	5,959	5,264
Industrial	1,422	1,694	1,745	1,677	1,359	1,432	1,309	1,323	1,054
Commercial	2,200	2,437	2,565	2,552	2,260	2,811	3,334	3,214	2,895
Religious	209	235	252	235	187	201	210	215	196
Educational	202	232	214	217	191	235	267	250	216
Hospital and institutional	583	629	670	647	615	744	757	748	720
Telephone and telegraph	552	749	827	840	667	817	741	780	681
All other private	178	192	258	318	277	232	260	224	243
Public [2]	5,481	7,146	8,251	7,220	6,110	7,801	8,380	7,573	6,322
Buildings	2,434	2,711	2,805	2,707	2,533	2,924	2,976	2,964	2,651
Housing and redevelopment	271	273	266	297	278	307	246	305	219
Industrial	112	142	114	131	122	167	135	148	129
Educational	1,262	1,396	1,538	1,423	1,215	1,415	1,529	1,405	1,269
Hospital	214	209	203	211	234	226	254	267	264
Other public buildings	575	691	684	645	684	809	812	839	770
Highways and streets	1,565	2,563	3,335	2,518	1,876	2,857	3,256	2,669	1,770
Military facilities	152	177	192	197	179	212	246	257	224
Conservation and development	359	473	544	532	441	517	604	533	473
Other public construction	971	1,222	1,375	1,266	1,081	1,291	1,298	1,150	1,204
Sewer systems	300	378	469	397	384	484	511	450	439
Water supply facilities	244	269	288	293	209	249	281	257	276
Misc. public construction	427	575	618	576	488	558	506	443	489

[1] Includes estimates for types of construction not shown separately. [2] See footnote 6, table 1127.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1129. Valuation of Private Construction Authorized by Building Permits: 1960 to 1971

[**In millions of dollars.** "10,000, 12,000, and 13,000 place" series are based on U.S. total of approximately 10,000, 12,000, and 13,000 places identified in 1959, 1962, and 1967, respectively, with local building permit systems]

TYPE OF CONSTRUCTION	10,000 PLACE SERIES		12,000 PLACE SERIES		13,000 PLACE SERIES				
	1960	1963	1963	1967	1967	1968	1969	1970	1971 (prel.)
Total	19,761	24,557	25,630	28,153	28,980	34,202	36,766	37,472	46,867
New housing units	11,327	14,606	15,213	14,508	15,004	18,319	18,623	19,169	27,870
In structures with—									
1 unit	9,427	10,088	10,658	10,512	10,965	12,406	11,625	11,486	17,199
2-4 units	491	952	970	647	657	818	887	968	1,538
5 units or more	1,409	3,565	3,585	3,350	3,383	5,095	6,111	6,716	9,133
New nonhousekeeping residential bldg.	270	376	386	443	521	697	830	789	814
New nonresidential buildings	5,982	7,045	7,455	10,224	10,459	11,989	13,742	13,224	14,261
Industrial buildings	1,138	1,455	1,740	2,487	2,556	2,669	3,199	2,435	2,180
Office buildings	1,039	1,281	1,297	1,737	1,755	2,465	2,847	2,806	3,455
Service stations and repair garages	115	169	175	245	257	265	263	251	249
Stores and other mercantile bldg.	1,146	1,215	1,247	1,899	1,915	2,313	2,721	2,604	2,885
Religious buildings	548	501	524	566	584	579	493	435	482
Educational buildings	441	651	659	807	819	861	667	610	581
Hospitals and other institutional buildings	340	719	730	937	944	1,155	1,387	1,735	1,697
Amusement buildings	195	169	174	205	210	226	278	304	318
Residential garages	202	224	234	207	211	224	232	243	315
All other nonresidential buildings	818	661	675	1,134	1,208	1,233	1,654	1,801	2,097
Additions and alterations	2,182	2,530	2,576	2,978	2,996	3,197	3,571	4,290	3,922

Source: U.S. Bureau of the Census. In U.S. Bureau of Domestic Commerce, *Construction Review*.

No. 1130. Federal Outlays for Public Works: 1960 to 1972

[**In millions of dollars.** For years ending June 30. Includes Federal outlays for U.S. Government-owned construction in the United States and abroad and for grants and loans in aid of construction by State and local governments]

TYPE OR FUNCTION	1960	1965	1967	1968	1969	1970	1971	1972 est.
Total Federal outlays	6,846	8,886	9,572	9,520	9,683	9,791	10,632	13,021
Direct Federal construction	3,463	4,152	4,483	3,972	3,932	3,740	4,001	5,428
Grants	3,226	4,567	4,730	5,264	5,479	5,796	6,429	7,259
Net lending	156	167	359	284	272	255	202	333
Civil public works	5,011	7,521	7,836	8,000	7,923	8,237	9,237	11,249
International affairs and finance	28	11	27	17	12	13	12	8
Space research and technology	54	531	289	126	65	54	44	43
Agriculture and rural development	43	3	35	53	44	42	42	83
Natural resources and environment	1,131	1,699	1,991	2,012	1,857	1,869	2,543	3,546
Commerce and transportation	3,174	4,560	4,323	4,632	4,820	5,088	5,499	6,113
Community development and housing	20	59	80	110	147	169	181	213
Education and manpower	231	200	557	510	468	395	331	263
Health	81	111	164	232	196	256	251	261
Income security	9	(z)	1	1	8	6	3	19
Veterans benefits and services	60	84	62	54	66	84	84	114
General government	179	265	307	251	240	262	247	587
National defense public works	1,835	1,366	1,736	1,520	1,760	1,553	1,396	1,771
Military public works	1,618	1,156	1,601	1,343	1,509	1,289	1,147	1,530
Civil defense public works	(z)	3	5	10	7	5	6	5
Atomic energy facilities	218	206	130	167	243	259	243	237

Z Less than $500,000.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government, 1973*, Special Analysis Q, and similar analyses for prior years.

No. 1131. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1965, 1970, and 1971

[In millions of dollars, except averages]

YEAR AND TYPE OF EXPENDITURE	All properties	1-unit properties with owner occupant	Other properties	CONSTRUCTION IMPROVEMENTS				Maintenance and repairs
				Additions and alterations			Major replacements	
				Total	Residential structure	Other property		
1965: All properties [1]	11,442	7,033	4,409	4,736	3,769	967	1,707	4,999
Average per property	$253	$216	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning	956	576	380	304	304	(NA)	438	214
Plumbing	1,216	566	650	183	183	(NA)	490	543
Roofing	690	414	276	(NA)	(NA)	(NA)	338	352
Painting	2,082	1,111	971	(NA)	(NA)	(NA)	(NA)	2,082
1970: All properties [1]	14,770	9,469	5,301	6,246	4,950	1,296	2,629	5,895
Average per property	$297	$265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning	1,365	1,027	338	532	532	(NA)	548	286
Plumbing	1,376	704	672	337	337	(NA)	495	544
Roofing	1,019	691	328	(NA)	(NA)	(NA)	614	405
Painting	2,547	1,373	1,174	(NA)	(NA)	(NA)	(NA)	2,547
1971: All properties [1]	16,299	10,234	6,065	6,818	5,384	1,433	3,120	6,361
Average per property	$319	$279	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heating and central air conditioning	1,455	1,041	414	605	605	(NA)	563	286
Plumbing	1,594	814	780	371	371	(NA)	570	654
Roofing	1,136	722	414	(NA)	(NA)	(NA)	699	437
Painting	2,676	1,422	1,254	(NA)	(NA)	(NA)	(NA)	2,676

NA Not available. [1] Includes types of expenditures not separately specified.

Source: U.S. Bureau of the Census, *Construction Reports*, series C50-69A, C50-70A, and C50-71A.

No. 1132. Selected Construction Industries—Summary, by Industry: 1967

[**Employment in thousands; money figures in millions of dollars.** Based on a probability sample of about 125,000 construction establishments with payroll. "N.e.c." means not elsewhere classified]

INDUSTRY	Establishments with payroll (number)	EMPLOYEES (average)		PAYROLL		RECEIPTS		Value added [2]
		Total	Construction workers	Total	Construction workers	Total	Net construction [1]	
Construction industries, total	**368,771**	**3,436**	**2,960**	**24,213**	**19,855**	**95,925**	**69,520**	**42,323**
Contract construction	350,133	3,341	2,903	23,599	19,527	89,979	67,094	40,954
General building contractors	95,049	872	753	5,596	4,512	33,451	17,546	9,742
Heavy construction contractors	33,995	885	757	7,080	5,757	24,469	20,011	12,698
Highway and street construction	15,162	307	272	2,193	1,844	9,034	7,229	4,521
Heavy construction, n.e.c.	18,833	578	485	4,887	3,914	15,435	12,782	8,177
Special trade contractors	221,089	1,585	1,393	10,923	9,258	32,059	29,537	18,515
Plumbing, heating, air conditioning	47,515	369	307	2,845	2,307	10,059	8,767	4,758
Painting, paper hanging, decorating	30,295	139	130	794	720	1,782	1,708	1,363
Electrical work	26,125	241	204	1,991	1,667	5,475	5,275	3,103
Masonry and other stonework	19,695	144	137	811	753	1,949	1,884	1,300
Plastering and lathing	5,984	48	45	319	290	728	676	492
Terrazzo, tile, marble, mosaic work	4,984	32	28	192	161	563	545	325
Carpentering	18,854	80	76	440	410	1,178	1,068	776
Floor laying and floor work, n.e.c.	7,833	38	33	238	198	784	743	433
Roofing and sheet metalwork	15,755	133	115	839	685	2,421	2,288	1,415
Concrete work	11,238	83	77	491	440	1,426	1,343	836
Water well drilling	4,115	14	12	73	60	328	311	190
Structural steel erection	1,944	42	37	323	277	754	704	551
Glass and glazing work	1,770	12	9	89	64	299	270	162
Excavating and foundation work	8,625	52	46	339	295	1,127	1,022	815
Wrecking and demolition work	1,071	10	9	62	51	173	151	145
Installing building equipment, n.e.c.	900	18	14	171	132	519	502	336
Other	14,386	130	112	907	749	2,495	2,278	1,515
Subdividers, developers, and operative builders	18,638	95	57	614	328	5,946	2,426	[3] 1,368
Subdividers and developers, n.e.c.	5,401	23	9	149	53	1,177	207	[3] 157
Operative builders	13,237	72	49	465	276	4,769	2,220	[3] 1,211

[1] Construction receipts less payments for construction work subcontracted to others, not shown separately here.
[2] Total receipts less (*a*) payments for materials, components, and supplies, (*b*) payments for construction work subcontracted to others, not shown separately. [3] Also excludes land receipts.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1967*, series CC 67-I-1B.

No. 1133. Construction Establishments, by Size of Total Receipts: 1967

[**Employment in thousands; money figures in millions of dollars.** Establishments with payroll figures are based on a sample and subject to sampling variability; for details, see source]

RECEIPT SIZE	ALL ESTABLISHMENTS			ESTABLISHMENTS WITH PAYROLL			
	Number	Proprietors and working partners	Total receipts [1]	Number	Proprietors and working partners	Employees (average)	Total receipts [1]
Total	**794,838**	**696,813**	**101,735**	**368,771**	**270,511**	**3,436**	**95,925**
Less than $10,000	351,747	344,592	1,161	38,437	31,249	37	201
$10,000–$24,999	130,592	125,999	2,116	63,374	56,922	109	1,101
$25,000–$49,999	97,602	91,280	3,447	73,541	66,427	188	2,628
$50,000–$99,999	80,429	68,019	5,688	68,490	56,619	276	4,865
$100,000–$249,999	70,746	47,441	11,270	63,339	41,083	472	10,149
$250,000–$499,999	30,129	12,296	10,822	28,600	11,289	406	10,292
$500,000–$999,999	17,456	4,488	12,412	16,983	4,296	421	12,093
$1,000,000 or more	16,137	2,698	54,819	16,007	2,626	1,528	54,596

[1] Contains considerable duplication. Work of one firm may be subcontracted out to other firms, causing receipts to be included under both firms.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1967*, series CC 67-I-1B.

No. 1134. Construction Establishments—Summary, by States: 1967

[**Receipts in millions of dollars; other flugres in thousands.** See headnote, table 1133]

STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL			STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL		
	Number	Total receipts [1]	Number	Employees	Total receipts [1]		Number	Total receipts [1]	Number	Employees	Total receipts [1]
U.S.	**794.8**	**101,735**	**368.8**	**3,436**	**95,925**	**S.A.—Con.**					
N.E.	**55.4**	**5,710**	**27.1**	**198**	**5,341**	W.Va.	5.4	623	2.2	22	604
Maine	5.3	311	2.3	14	293	N.C.	20.1	2,126	9.4	99	2,001
N.H.	4.7	311	2.2	12	288	S.C.	9.5	1,286	4.6	54	1,210
Vt.	2.8	168	1.3	7	155	Ga.	17.9	2,183	8.4	87	2,031
Mass.	24.1	2,714	11.9	92	2,544	Fla.	27.8	3,753	13.6	134	3,541
R.I.	4.2	500	2.3	18	480	**E.S.C.**	**50.9**	**4,801**	**19.8**	**195**	**4,459**
Conn.	14.5	1,707	7.0	55	1,581	Ky.	14.8	1,131	5.2	43	1,035
M.A.	**128.2**	**18,333**	**65.6**	**614**	**17,428**	Tenn.	17.8	1,798	6.9	72	1,680
N.Y.	59.5	8,875	30.1	283	8,453	Ala.	10.9	1,262	4.9	54	1,180
N.J.	28.1	3,592	15.5	113	3,376	Miss.	7.4	610	2.8	26	563
Pa.	40.6	5,866	20.1	219	5,600	**W.S.C.**	**93.2**	**9,742**	**36.0**	**386**	**8,987**
E.N.C.	**145.3**	**20,167**	**68.9**	**622**	**19,157**	Ark.	9.8	664	3.5	28	611
Ohio	39.3	5,115	17.6	163	4,849	La.	12.4	1,723	5.7	72	1,603
Ind.	20.8	2,338	8.9	79	2,220	Okla.	15.2	1,023	5.1	39	901
Ill.	37.4	6,334	19.3	192	6,059	Tex.	55.7	6,332	21.7	246	5,872
Mich.	28.7	4,452	14.2	126	4,232	**Mt.**	**34.9**	**3,990**	**17.1**	**137**	**3,765**
Wis.	19.1	1,930	8.9	63	1,797	Mont.	2.9	248	1.6	10	231
W.N.C.	**77.8**	**7,760**	**31.4**	**264**	**7,272**	Idaho	3.7	316	1.3	11	287
Minn.	14.6	2,104	6.9	67	2,012	Wyo.	2.0	153	0.7	5	143
Iowa	15.5	1,181	6.4	43	1,093	Colo.	11.3	1,233	5.0	42	1,158
Mo.	21.6	2,236	7.9	75	2,080	N. Mex.	3.4	373	2.2	15	360
N. Dak.	2.8	245	1.2	9	230	Ariz.	5.4	793	3.1	26	756
S. Dak.	3.6	222	1.5	8	206	Utah	4.5	507	2.1	15	474
Nebr.	8.2	799	3.5	26	750	Nev.	1.9	367	1.1	12	356
Kans.	11.5	973	4.0	35	902	**Pac.**	**95.4**	**15,814**	**46.9**	**415**	**14,901**
S.A.	**113.8**	**15,418**	**55.9**	**606**	**14,617**	Wash.	14.1	2,112	7.1	62	2,015
Del.	1.6	565	1.1	21	560	Oreg.	9.8	1,000	4.1	30	929
Md.	13.1	2,145	6.9	80	2,048	Calif.	68.3	11,914	34.0	302	11,196
D.C.	1.3	625	0.8	19	615	Alaska	1.3	230	0.5	4	216
Va.	17.0	2,111	8.8	91	2,008	Hawaii	1.9	559	1.2	17	543

[1] See footnote 1, table 1133.

Source: U.S. Bureau of the Census, *Construction Industries, 1967, Census of,* series CC 67-I-1B.

No. 1135. Architectural, Engineering, and Land Surveying Firms: 1967

[**Money figures in thousands of dollars.** Number as of December 31. Covers firms with four or more employees reporting details by type of firm. These firms represent about 70 percent of both number (10,614) and receipts ($3,349,622) of all architectural, engineering, and land surveying firms with four or more employees]

RECEIPT SIZE, AND TYPE OF FIRM	Number	Receipts	Proprietors and partners, number	FULL-TIME EMPLOYMENT AND PAYROLL					
				All employees [1]		Architects and engineers		Technicians	
				Number	Payroll, 1st qtr.	Number	Payroll, 1st qtr.	Number	Payroll, 1st qtr.
Total	**7,417**	**2,645,876**	**7,952**	**134,741**	**304,614**	**31,867**	**108,987**	**70,755**	**148,918**
Architectural	**2,831**	**865,112**	**4,103**	**35,793**	**80,800**	**10,217**	**33,220**	**17,527**	**36,050**
Less than $100,000	684	47,411	771	2,938	5,098	858	2,006	1,314	2,119
$100,000-$249,999	1,237	198,734	1,708	8,282	17,064	2,444	7,396	3,901	7,088
$250,000-$499,999	529	181,032	836	6,981	15,744	1,952	6,555	3,439	7,058
$500,000-$999,999	261	177,188	508	6,876	16,180	1,959	6,735	3,445	7,373
$1,000,000 or more	120	260,747	280	10,716	26,714	3,004	10,528	5,428	12,412
Engineering	**3,970**	**1,707,141**	**3,237**	**93,289**	**215,018**	**20,992**	**74,016**	**50,639**	**108,674**
Less than $100,000	1,168	79,433	959	5,822	9,545	1,309	3,353	2,717	4,325
$100,000-$249,999	1,424	225,354	1,100	13,279	26,582	2,969	9,601	6,497	12,278
$250,000-$499,999	652	227,098	507	13,060	28,301	2,914	10,321	6,706	13,384
$500,000-$999,999	417	286,135	333	16,184	37,360	3,790	13,219	8,564	18,551
$1,000,000 or more	309	889,121	338	44,944	113,230	10,010	37,522	26,155	60,136
Land surveying	**616**	**73,623**	**612**	**5,659**	**8,796**	**658**	**1,751**	**2,589**	**4,194**
Less than $100,000	418	22,779	456	2,223	2,481	267	429	931	1,125
$100,000-$249,999	155	23,626	131	1,805	2,863	199	592	783	1,233
$250,000-$499,999	27	8,731	18	636	1,180	77	258	340	650
$500,000-$999,999	9	5,554	3	280	611	36	148	188	364
$1,000,000 or more	7	12,933	4	715	1,661	79	324	347	822

[1] Includes other employees not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1967*, BC-67-556.

No. 1136. Price and Cost Indexes for Construction and Selected Components of Construction: 1950 to 1971

[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	1957-59=100 (except as indicated)						1967=100		
	1950	1955	1960	1965	1968	1969	1969	1970	1971
Price index for new one-family houses sold (1967=100)[1]	(NA)	(NA)	(NA)	94	106	115	115	118	123
Dept. of Agriculture, Economic Research Service:									
Farm housing	(NA)	(NA)	(NA)	108	127	138	(NA)	(NA)	(NA)
Other farm construction	(NA)	(NA)	(NA)	106	121	131	115	118	(NA)
Indexes of building materials prices and union wage scales (1967=100):									
Wholesale prices of construction materials [2]	78.9	90.4	95.5	95.8	105.6	111.9	111.9	112.5	119.5
Union hourly wage scales in the building trades [3]	47.0	60.0	75.4	90.9	106.6	115.4	115.4	128.8	144.0
Construction cost indexes:									
Department of Commerce: Composite [4]	77	90	103	115	131	142	114	122	131
Department of Transportation, Federal Highway Administration: Highways [5]	78.3	87.3	94.1	105.7	121.6	132.3	111.8	125.6	131.7
American Appraisal Company: Building construction [6]	73	89	106	121	142	154	116	124	138
Associated General Contractors of America: General construction [7]	72	88	107	123	139	150	114	126	(NA)
E.H. Boeckh and Associates, building cost index numbers: [8]									
Small residential structures: Composite	80.3	92.4	104.2	115.2	136.7	148.0	116.2	122.4	132.8
Apartments, hotels, and office buildings: Composite	75.8	90.4	105.0	118.5	139.9	151.8	116.1	124.4	135.0
Commercial and factory buildings: Composite	74.0	89.5	104.7	117.2	139.1	149.1	114.5	123.1	133.9
Engineering News-Record: [9]									
Building construction	71.2	89.0	106.1	118.9	136.8	149.9	111.7	124.4	140.5
General construction	67.1	86.8	108.3	127.8	151.9	167.2	118.7	128.9	146.8
George A. Fuller Company: Commercial buildings [10]	72	88	106	124	136	151	116	127	(NA)
Turner Construction Company: Building construction [11]	73	85	102	113	128	140	116	129	143
Handy-Whitman public utility construction: [12]									
Building	67	83	104	111	125	135	113	121	133
Gas plant	65	83	106	117	129	137	110	117	125
Electric light and power [13]	66	84	102	107	118	125	110	119	128

NA Not available. [1] Includes value of site.

[2] Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables, such as kitchen ranges, refrigerators, etc. Beginning 1965, applies to Alaska and Hawaii. Source: U.S. Bureau of Labor Statistics, unpublished data.

[3] Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of July 1. Source: U.S. Bureau of Labor Statistics; *Union Wages and Hours: Building Trades*, annual.

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

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

[6] 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 those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit.

[7] Covers 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, lumber, hollow tile, and structural and reinforcing steel. Excludes taxes and employee-benefit cost.

[8] Average of 20 cities for types shown. Weights based on surveys of building costs. 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 U.S. Bureau of the Census.

[9] 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.

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

[11] 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.

[12] Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs.

[13] As derived by U.S. Bureau of the Census; covers steam production plants only; excludes hydraulic plants.

Source: Except as noted, U.S. Bureau of the Census. In U.S. Bureau of Domestic Commerce, *Construction Review*.

No. 1137. Construction Materials—Indexes of Wholesale Prices: 1955 to 1971

[1967=100. Prior to 1965, excludes Alaska and Hawaii. For discussion of wholesale price index, see text, p. 339]

COMMODITY	1955	1960	1965	1970	1971
All materials [1]	**90.4**	**95.5**	**95.8**	**112.5**	**119.5**
Softwood lumber:					
Douglas fir	97.5	89.3	92.3	108.8	137.6
Southern pine	94.2	93.9	91.2	114.5	133.8
Other	100.6	95.3	95.4	115.1	145.3
Hardwood lumber	85.7	90.8	97.4	114.7	113.5
Millwork	87.7	93.1	96.0	116.0	120.7
Plywood	120.4	109.6	103.5	108.5	114.7
Softwood	143.4	113.2	105.7	113.6	127.2
Hardwood	100.2	105.2	100.5	102.9	100.7
Building paper and board	99.1	110.3	100.9	101.2	103.0
Prepared paint	82.1	92.1	96.4	112.4	115.6
Finished steel prod.:					
Structural shapes	71.0	93.4	96.2	115.3	126.8
Reinforcing bars	87.8	107.3	99.7	109.2	117.1
Black pipe, carbon	79.4	99.7	98.2	113.0	124.1
Wire nails [2]	93.4	109.4	107.6	114.7	124.7
Nonferrous metal products	88.3	85.9	95.3	125.0	116.0
Copper water tubing	83.2	78.1	82.3	122.9	109.3
Building wire	64.7	61.7	82.5	123.0	97.9
Plumbing fixtures [3]	88.7	93.3	93.3	112.5	116.4
Enameled iron	111.7	108.4	98.1	111.4	114.4
Vitreous china	102.1	106.3	96.5	108.9	111.8
Brass fittings	69.1	78.1	89.4	115.8	120.0
Heating equipment	102.5	105.8	98.9	110.6	115.5
Steam and hot water	86.3	99.8	99.4	110.7	116.4
Metal doors, sash, and trim	103.9	98.9	95.4	112.9	118.1
Plate glass	108.0	112.2	94.8	(NA)	(NA)
Concrete:					
Ingredients	85.2	97.0	97.5	114.6	121.9
Portland cement	85.0	100.3	98.1	115.7	124.6
Products	88.0	97.2	96.3	112.2	120.6
Pipe	87.6	101.9	94.0	103.5	112.0
Structural clay products [4]	83.8	93.7	96.6	109.8	114.2
Gypsum products	90.9	99.1	101.2	100.0	106.8
Asphalt roofing	96.3	97.4	98.7	102.9	125.5
Insulation materials	113.7	110.9	97.2	123.1	131.7
Floor coverings:					
Asphalt tile	86.8	91.3	96.5	112.9	113.3
Vinyl covering [5]	(X)	107.1	106.3	97.5	102.9

NA Not available. X Not applicable. [1] See footnote 2, table 1136. [2] 8d common.
[3] Includes brass fittings. [4] Excludes refractories. [5] Introduced January 1959.

Source: U.S. Bureau of Labor Statistics, *Wholesale Prices and Price Indexes*, monthly and annual.

No. 1138. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1960 to 1971

[**Value in millions of dollars; floor space in millions of square feet.** Prior to 1969, 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	1965	1969	1970	1971	1960	1965	1969	1970	1971
Total	**36,318**	**49,272**	**68,294**	**68,294**	**79,644**	**2,154**	**2,843**	**3,242**	**2,938**	**3,454**
Nonresidential buildings:										
Commercial [2]	3,725	5,457	9,786	9,056	9,658	283	415	573	530	555
Industrial	2,114	3,064	3,915	3,664	2,611	178	265	317	212	175
Educational and science	3,005	4,164	5,543	5,253	5,661	196	225	221	195	190
Hospital	832	1,515	2,817	2,811	3,206	36	60	87	75	77
Public buildings	679	842	1,154	1,007	1,495	33	36	36	29	40
Religious	789	783	674	575	606	53	45	33	27	26
Social and recreational	631	800	1,116	1,137	1,300	44	47	53	47	52
Miscellaneous	464	596	944	952	1,129	31	38	54	42	47
Residential buildings	15,105	21,248	25,633	24,837	34,849	1,300	1,711	1,874	1,781	2,291
Nonbuilding construction	8,972	10,805	16,710	19,001	19,127	(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 Division, McGraw-Hill Information Systems Company, New York, N.Y. In *Dodge Construction Potentials*.

No. 1139. Construction Contracts—Value, by States: 1960 to 1971

[In millions of dollars. See headnote, table 1138. Represents value of construction in States in which work was actually done]

STATE	1960	1965	1967	1968	1969	1970	1971			
							Total	Non-residential	Residential	Non-building
Total [1]	**36,318**	**49,272**	**54,514**	**61,732**	**68,294**	**68,294**	**79,644**	**25,668**	**34,849**	**19,127**
Alabama	467	679	791	1,066	859	1,036	1,189	303	570	316
Alaska	(NA)	(NA)	(NA)	(NA)	193	238	263	113	58	92
Arizona	453	413	446	491	727	1,063	1,215	291	725	199
Arkansas	286	529	529	667	454	506	604	144	352	108
California	4,947	6,333	5,606	6,442	7,770	6,739	8,333	2,510	4,438	1,385
Colorado	461	585	608	693	683	834	1,151	319	651	181
Connecticut	618	799	849	1,067	1,210	1,154	963	373	400	190
Delaware	98	200	171	195	189	208	259	90	109	60
District of Columbia	222	310	209	272	204	313	727	473	62	192
Florida	1,443	1,890	2,065	2,694	3,495	3,537	4,245	1,088	2,557	600
Georgia	606	1,121	1,294	1,342	1,657	1,555	2,118	679	1,086	353
Hawaii	(NA)	(NA)	(NA)	(NA)	655	601	502	152	253	97
Idaho	115	187	154	136	194	197	163	42	56	65
Illinois	2,998	2,455	3,346	3,168	3,638	3,596	3,986	1,407	1,776	803
Indiana	803	1,332	1,422	1,505	1,697	1,460	1,792	676	801	315
Iowa	411	591	671	699	733	701	751	224	270	257
Kansas	462	473	639	595	568	530	706	246	245	215
Kentucky	486	691	936	998	1,487	1,185	1,673	332	608	733
Louisiana	579	1,190	1,183	1,097	1,270	1,359	1,705	451	816	438
Maine	116	151	178	308	271	216	256	72	120	64
Maryland	706	1,278	1,150	1,394	1,417	1,270	1,601	487	726	388
Massachusetts	764	1,093	1,445	1,728	1,743	1,791	2,285	1,005	880	400
Michigan	1,410	2,280	2,276	2,350	2,743	2,950	3,035	874	1,320	841
Minnesota	661	793	925	1,291	1,163	1,094	1,336	434	513	389
Mississippi	288	489	542	570	576	570	933	171	365	397
Missouri	807	1,129	1,428	1,319	1,453	1,171	1,505	515	562	428
Montana	133	219	269	141	207	184	226	42	52	132
Nebraska	288	360	352	462	375	334	433	107	195	131
Nevada	130	232	152	389	290	364	431	99	257	75
New Hampshire	103	150	177	234	210	188	294	92	104	98
New Jersey	1,235	1,541	1,907	2,381	2,206	2,741	2,437	1,047	854	536
New Mexico	220	377	283	284	282	394	396	92	210	94
New York	3,693	3,938	4,011	4,834	6,494	5,589	5,487	2,414	2,017	1,056
North Carolina	652	1,016	1,338	1,369	1,639	1,722	2,042	496	979	567
North Dakota	141	127	121	196	107	296	189	51	70	68
Ohio	1,924	2,497	3,012	3,536	3,288	3,046	4,050	1,252	1,635	1,163
Oklahoma	489	597	693	823	743	754	943	238	513	192
Oregon	365	586	531	558	584	634	978	182	355	441
Pennsylvania	1,439	2,118	3,017	3,121	3,146	3,192	4,393	1,561	971	1,861
Rhode Island	118	192	237	220	246	194	230	82	104	44
South Carolina	333	488	679	827	753	883	992	314	525	153
South Dakota	186	112	167	124	118	160	256	37	53	166
Tennessee	618	909	1,043	1,227	1,487	1,562	1,531	480	764	287
Texas	2,021	2,679	3,183	3,992	3,772	4,119	5,001	1,672	2,299	1,030
Utah	195	240	263	238	293	334	417	129	182	106
Vermont	51	106	136	145	182	148	131	38	53	40
Virginia	968	1,373	1,195	1,404	1,440	1,891	2,276	771	1,148	357
Washington	632	1,007	1,216	1,416	1,472	1,478	1,155	344	483	328
West Virginia	198	267	445	382	561	846	601	112	114	375
Wisconsin	753	1,034	1,116	1,252	1,213	1,206	1,355	524	573	258
Wyoming	121	117	108	90	137	161	104	21	20	63

NA Not available. [1] Prior to 1969, excludes Alaska and Hawaii.

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. Figures reported currently in *Dodge Construction Potentials*.

No. 1140. New Housing Units Authorized—Number and Valuation, by States: 1967 to 1971

[**Housing units in thousands; value in millions of dollars.** Includes public housing contract awards. Based on a U.S. total of approximately 13,000 places having local building permit systems]

STATE	HOUSING UNITS					VALUATION				
	1967	1968	1969	1970	1971 [1]	1967	1968	1969	1970	1971 [1]
United States	**1,168.6**	**1,387.8**	**1,352.4**	**1,384.0**	**1,935.9**	**15,367**	**18,799**	**19,045**	**19,664**	**28,334**
New England	**62.2**	**76.9**	**73.9**	**76.8**	**98.7**	**825**	**1,027**	**1,035**	**1,085**	**1,398**
Maine	2.6	2.6	2.9	4.0	4.7	34	34	39	57	71
New Hampshire	4.1	4.8	4.5	5.0	6.7	54	68	65	71	102
Vermont	1.6	1.5	1.6	1.7	1.8	22	21	28	28	31
Massachusetts	27.7	36.9	34.3	39.0	52.7	358	487	482	557	721
Rhode Island	4.9	6.0	5.3	4.6	8.0	62	71	68	61	94
Connecticut	21.3	25.2	25.3	22.4	24.9	295	346	352	311	380
Middle Atlantic	**168.8**	**167.2**	**149.0**	**147.7**	**192.1**	**2,140**	**2,300**	**2,168**	**2,355**	**2,973**
New York	74.4	78.0	66.4	66.9	80.4	995	1,108	990	1,198	1,329
New Jersey	46.3	42.3	38.6	39.6	56.7	564	580	581	584	874
Pennsylvania	48.1	46.9	44.0	41.2	55.0	581	612	597	573	769
East North Central	**235.2**	**260.0**	**234.8**	**211.2**	**309.9**	**3,348**	**3,838**	**3,565**	**3,266**	**4,999**
Ohio	59.3	65.4	58.5	58.8	86.2	860	985	907	871	1,343
Indiana	26.6	28.9	30.0	24.0	35.1	343	378	400	336	511
Illinois	65.5	79.2	68.3	54.2	84.6	945	1,197	1,058	907	1,391
Michigan	59.7	60.0	55.0	51.1	74.2	859	900	861	819	1,305
Wisconsin	24.1	26.4	23.0	23.2	29.8	341	379	338	333	448
West North Central	**80.8**	**98.0**	**89.0**	**83.1**	**109.7**	**1,099**	**1,347**	**1,254**	**1,205**	**1,659**
Minnesota	23.5	31.8	30.6	25.5	30.6	321	467	443	410	522
Iowa	13.2	12.6	10.9	11.1	13.2	183	182	164	159	209
Missouri	24.0	28.4	24.7	23.3	34.3	331	388	350	326	503
North Dakota	1.8	2.4	2.6	2.9	3.2	27	33	36	41	48
South Dakota	1.2	1.4	1.5	2.4	2.6	15	18	19	29	34
Nebraska	7.3	9.4	7.4	8.0	13.0	77	96	82	90	140
Kansas	9.8	12.1	11.2	9.9	12.8	144	164	159	150	204
South Atlantic	**226.6**	**277.0**	**287.5**	**303.6**	**440.6**	**2,677**	**3,470**	**3,951**	**4,079**	**6,107**
Delaware	5.8	6.6	5.4	5.8	6.3	61	73	62	103	93
Maryland	31.8	32.5	33.5	35.1	44.3	392	437	467	488	647
Dist. of Columbia	2.0	1.3	2.0	1.9	0.8	17	17	21	27	9
Virginia	36.5	40.8	38.3	43.7	71.9	435	510	512	573	1,018
West Virginia	2.0	2.6	2.2	2.5	3.2	29	34	30	33	55
North Carolina	24.1	28.8	26.1	32.5	45.0	295	362	343	407	583
South Carolina	15.6	16.2	16.8	21.9	26.1	184	196	219	267	347
Georgia	36.5	40.5	39.8	53.8	75.1	388	470	463	619	924
Florida	72.4	107.6	123.5	106.2	167.9	874	1,371	1,833	1,561	2,431
East South Central	**62.5**	**68.1**	**60.2**	**73.4**	**98.2**	**681**	**765**	**699**	**880**	**1,188**
Kentucky	14.4	15.9	14.6	17.7	24.2	164	188	173	216	297
Tennessee	25.4	27.8	22.9	24.8	36.4	257	295	257	297	438
Alabama	15.8	17.3	14.6	18.6	24.5	183	198	176	229	300
Mississippi	6.9	7.2	8.1	12.4	13.1	77	83	93	138	153
West South Central	**112.5**	**145.1**	**137.5**	**141.9**	**204.8**	**1,330**	**1,620**	**1,588**	**1,682**	**2,601**
Arkansas	6.9	7.4	6.5	9.5	11.5	87	95	87	120	159
Louisiana	15.8	18.3	19.8	19.3	36.3	215	248	263	269	517
Oklahoma	13.0	17.9	16.9	18.9	29.7	158	205	211	247	389
Texas	76.8	101.5	94.2	94.3	127.2	871	1,072	1,026	1,047	1,536
Mountain	**41.4**	**55.1**	**68.0**	**93.1**	**151.0**	**515**	**696**	**884**	**1,233**	**2,004**
Montana	0.9	1.0	1.3	1.7	2.7	13	15	17	22	37
Idaho	1.8	2.0	1.9	3.6	3.9	26	27	28	43	52
Wyoming	0.6	0.6	0.6	1.1	1.2	9	9	10	15	16
Colorado	17.2	22.5	23.8	31.2	53.3	202	268	284	377	640
New Mexico	2.9	3.9	3.0	7.0	12.1	41	48	46	109	179
Arizona	10.6	15.6	26.3	29.9	51.3	123	189	327	389	667
Utah	5.5	5.7	6.1	9.4	13.8	69	75	78	123	184
Nevada	1.8	3.6	5.2	9.2	12.8	32	65	94	156	228
Pacific	**178.6**	**240.3**	**252.6**	**253.2**	**331.0**	**2,752**	**3,737**	**3,901**	**3,878**	**5,405**
Washington	44.3	50.1	36.2	28.3	31.1	597	707	537	416	493
Oregon	14.5	16.6	16.1	17.0	26.1	181	214	214	230	368
California	110.7	160.8	184.9	195.6	258.9	1,830	2,595	2,888	2,976	4,253
Alaska	1.0	1.2	1.5	1.7	1.8	18	31	24	39	46
Hawaii	8.2	11.6	13.8	10.7	13.0	126	189	238	218	245

[1] The relative standard error of the estimate of total private housing units authorized in permit places is less than 5 percent for all States except as follows (in percent): N.H., R.I., S. Dak., 6; Kans., Ark., 7; Maine, 9; Vt., 10; N. Dak., Idaho, 16; W. Va., 20; Mont., 24.

Source: U.S. Bureau of the Census, *Construction Reports*, series C40 and C42, annual issues.

No. 1141. New Housing Units Started: 1960 to 1972

[In thousands]

Year	Total	Privately-owned		Publicly-owned	Year and month	Total	Privately-owned		Publicly-owned
		Total	1-unit structures				Total	1-unit structures	
1960	1,296	1,252	995	44	1968	1,545	1,508	900	38
1961	1,365	1,313	975	52	1969	1,500	1,467	811	33
1962	1,492	1,463	992	30	1970	1,469	1,434	813	35
1963	1,642	1,610	1,021	32	1971	2,085	2,052	1,151	32
1964	1,561	1,529	970	32	1972:				
1965	1,510	1,473	964	37	Jan	151	149	76	2
1966	1,196	1,165	778	31	Feb	153	152	76	1
1967	1,322	1,292	844	30	Mar	202	203	111	2
					Apr	213	212	120	1

Source: U.S. Bureau of the Census, *Construction Reports*, series C-20. Includes data from U.S. Federal Housing Administration and U.S. Veterans Administration.

No. 1142. New Housing Units Started—Construction Costs: 1960 to 1970

Item	1960	1965	1966	1967	1968	1969	1970
Construction cost, total ... mil. dol.	16,357	20,528	16,969	19,072	23,153	23,292	22,655
Privately owned, total ... mil. dol.	15,831	20,061	16,575	18,674	22,622	22,807	22,148
1-unit structures ... mil. dol.	13,647	15,558	13,044	14,627	16,670	15,584	14,902
Publicly owned ... mil. dol.	528	466	394	397	531	485	507
Average cost per unit, total ... dol.	12,625	13,600	14,175	14,425	14,975	15,525	15,450
Privately owned, total ... dol.	12,650	13,625	14,225	14,450	15,000	15,550	15,450
1-unit structures ... dol.	13,725	16,150	16,750	17,325	18,525	19,225	18,325
Publicly owned ... dol.	12,025	12,625	12,625	13,100	14,050	14,700	15,200

Source: U.S. Bureau of the Census, *Construction Reports*, series C-20. Includes data from U.S. Federal Housing Administration and U.S. Veterans Administration.

No. 1143. New Housing Units Started—Selected Characteristics: 1960 to 1971

[In thousands]

Characteristic	1960	1965	1967	1968	1969	1970	1971
Total	**1,296**	**1,510**	**1,322**	**1,545**	**1,500**	**1,469**	**2,085**
By type of program:							
Privately owned	1,252	1,473	1,292	1,508	1,467	1,434	2,052
With FHA aid	261	197	180	220	233	421	528
With VA aid	75	49	52	56	51	61	94
Publicly owned	44	37	30	38	33	35	32
In structures with:							
1 unit	1,009	965	845	901	811	815	1,153
2 units	51	58	48	54	48	48	64
3 units or more	237	486	429	591	640	606	868
By area: [1]							
Inside SMSA's	889	1,035	920	1,116	1,097	1,034	1,519
Outside SMSA's	407	475	402	429	403	435	566
By region: [2]							
Northeast	237	281	224	236	213	224	271
North Central	304	369	344	377	357	301	440
South	441	588	532	634	603	629	884
West	314	271	223	298	327	315	490

[1] For definition of standard metropolitan statistical area (SMSA), see text, p. 2. 1960 based on 1959 definitions; thereafter, on 1964 definitions as amended through January 1968.
[2] For composition of regions, see fig. I, p. xiii.

Source: U.S. Bureau of the Census, *Construction Reports*, series C-20. Includes data from U.S. Federal Housing Administration and U.S. Veterans Administration.

No. 1144. Private Housing Starts, by Region, and Mobile Homes: 1965 to 1972

[**In thousands of units, except as indicated.** For composition of regions, see fig. I, p. xii]

ITEM	1965	1966	1967	1968	1969	1970	1971	1972, Jan.-Mar.[1]
Private housing starts [2]	**1,473**	**1,165**	**1,292**	**1,508**	**1,467**	**1,434**	**2,052**	**503**
Single family	964	779	844	900	811	813	1,151	262
Northeast	163	127	127	133	122	113	144	23
North Central	226	189	214	223	183	166	238	35
South	416	333	365	375	342	377	526	138
West	159	130	139	170	163	157	243	66
Multifamily	509	387	448	608	656	621	901	242
Percent of total	34.6	33.2	34.7	40.3	44.7	43.3	43.9	48.1
Northeast	107	79	88	94	84	105	120	27
North Central	136	99	123	146	166	128	196	32
South	159	139	155	244	246	235	343	105
West	107	68	81	124	161	154	243	78
MOBILE HOMES [3]								
Shipments	216	217	240	318	413	401	497	122
Retail sales, est. ... mil. dol.	1,212	1,239	1,370	1,908	2,497	(NA)	(NA)	(NA)

NA Not available. [1] Preliminary. [2] Includes farm housing. [3] A mobile home 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. The homes are defined as units more than 8 feet wide and 35 feet or longer and weighing over 4,500 pounds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C 20.

No. 1145. Characteristics of New Privately-Owned One-Family Homes: 1967 to 1971

[**Percent distribution, except total homes.** Covers contractor-built and owner-built homes for year construction started and homes sold for year of sale. Percentages exclude homes for which characteristics specified were not reported. See also headnote, table 1148]

CHARACTERISTIC	1967	1968	1969	1970	1971
Total homes ... 1,000	817	840	767	793	1,053
Financing	100	100	100	100	100
Mortgage	84	85	83	84	85
FHA-insured	16	15	18	30	24
VA-guaranteed	10	9	9	7	10
Conventional	58	61	57	47	51
Cash or equivalent	16	15	17	16	15
Floor area (sq. feet)	100	100	100	100	100
Under 1,199	28	27	27	36	33
1,200–1,599	29	29	28	28	29
1,600–1,999	20	18	20	16	18
2,000 and over	24	25	26	21	21
Number of stories	100	100	100	100	100
1	71	70	69	74	72
2 or more	19	20	19	17	18
Split level	10	10	11	10	10
Number of bedrooms	100	100	100	100	100
2 or less	12	13	13	13	13
3	63	61	61	63	62
4 or more	25	26	26	24	25

CHARACTERISTIC	1967	1968	1969	1970	1971
Number of bathrooms	100	100	100	100	100
1 or less	26	26	24	32	28
1½	22	20	20	20	21
2	32	33	35	32	34
2½ or more	20	21	21	16	16
Foundation	100	100	100	100	100
Full or partial basement	44	43	42	37	36
Slab	29	29	32	36	39
Crawl space	28	28	26	27	25
Heating fuel	100	100	100	100	100
Electricity	20	22	25	28	30
Gas	66	65	64	62	60
Oil	11	11	9	8	8
Other	3	2	1	1	1
Central air conditioning	100	100	100	100	100
With	28	31	36	34	38
Without	72	69	64	66	62
Parking facilities	100	100	100	100	100
Garage	65	66	64	58	59
Carport	16	15	16	17	17
No garage or carport	19	19	20	25	23

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, Office of the Deputy Undersecretary for Policy Analysis and Program Evaluation, *Construction Reports*, series C25 (a joint publication).

No. 1146. Single-Family Housing Construction—Cost of Materials and Labor Requirements: 1962 and 1969

[**Cost in dollars; labor requirements in man-hours.** Includes only privately owned, conventionally built, units. Based on sample; for details of methodology, see source. "N.e.c." means not elsewhere classified]

ITEM	1962			1969		
	Construction price per $1,000	Per 100 sq. ft. livable space	Percent of total	Construction price per $1,000	Per 100 sq. ft. livable space	Percent of total
Cost of materials used, total	**482**	**567**	**100.0**	**443**	**706**	**100.0**
Lumber and lumber products	193	227	40.0	180	286	40.6
Stone, clay, and glass products	117	137	24.2	95	153	21.5
Metal products (except plumbing and heating)	55	65	11.4	42	67	9.4
Plumbing products	27	32	5.6	31	49	6.9
Heating, ventilating, and air conditioning equipment	19	22	3.8	18	29	4.2
Electrical equipment, fixtures and wires (except heating)	18	21	3.6	17	28	3.9
Fixed household equipment, n.e.c.	14	16	2.8	11	18	2.5
Paints and other chemicals	10	12	2.1	8	13	1.8
Petroleum products	11	13	2.3	8	13	1.8
All other	20	23	4.1	33	51	7.3
Man-hours required, total, all industries	**202**	**238**	**100.0**	**137**	**218**	**100.0**
Construction industries, total	84	99	41.6	62	98	45.3
On-site	72	85	35.6	52	82	38.0
Off-site	12	14	5.9	10	16	7.3
Other industries	118	139	58.4	75	120	54.7
Manufacturing	61	72	30.2	41	65	29.9
Wholesale trade, transportation, and services	31	36	15.3	20	32	14.6
Mining and all other	26	31	12.9	14	22	10.2

Source: U.S. Bureau of Domestic Commerce, *Construction Review*, and U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 1147. New Apartments Completed, and Rented in 3 Months: 1969 to 1971

[Privately financed, nonsubsidized, unfurnished apartments in structures with 5 or more units. Based on sample and subject to sampling variability. For explanation of methodology, see source; for definition of median, see preface]

ITEM	1ST. QTR., 1969		1ST. QTR., 1970		1971							
					1st qtr.		2d qtr.		3d qtr.		4th qtr.	
	Number	Percent rented in 3 months	Number	Percent rented in 3 months	Number	Percent rented in 3 months	Number	Percent rented in 3 months	Number	Percent rented in 3 months	Number	Percent rented in 3 months
Total	**73,094**	**79**	**80,757**	**71**	**61,815**	**68**	**77,964**	**69**	**87,303**	**72**	**100,932**	**62**
By rent classes:												
Less than $125	23,193	89	10,631	92	1,411	97	1,431	94	3,306	84	3,074	82
$125–$149					10,623	68	11,848	87	12,484	84	11,188	69
$150–$174	36,654	73	39,415	74	14,668	73	16,066	74	20,140	72	20,956	71
$175–$199					13,563	65	20,250	68	19,894	74	29,994	60
$200 or more	13,247	76	30,711	63	21,550	65	28,369	59	31,479	64	35,720	55
Median rent...dol.	165	(X)	187	(X)	183	(X)	187	(X)	185	(X)	188	(X)
Number of bedrooms:												
Less than 2	32,211	79	37,264	74	25,655	70	30,212	78	34,395	78	46,761	65
2	37,306	78	39,034	68	31,986	67	42,479	62	45,886	68	47,521	60
3 or more	3,577	81	4,459	61	4,174	64	5,273	76	7,022	69	6,650	60

X Not applicable.

Source: U.S. Dept. of Commerce and U.S. Dept. of Housing and Urban Development, joint press releases (CB 70-132 and CB 71-432) and *Current Housing Reports* (H-130-71-4 and H-130-72-1).

No. 1148. New Private Nonfarm One-Family Homes Sold and for Sale: 1965 to 1972

[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 preface]

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–$19,999	$20,000–$24,999	$25,000–$29,999	$30,000 and over		
Homes sold, total: [2]								
1965	575	115	160	121	81	75	20,000	(NA)
1968	490	37	101	101	85	142	24,700	(NA)
1969	448	24	88	92	76	147	25,600	(NA)
1970	485	20	140	103	68	133	23,400	(NA)
1971	656	20	153	140	108	214	25,200	2.7
1972, Jan.–Mar. (prel.)	167	3	31	32	25	50	25,900	3.3
FHA-insured:								
1965	134	47	56	22	6	2	16,500	(NA)
1968	93	15	37	26	10	4	19,200	(NA)
1969	102	11	44	25	13	6	19,300	(NA)
1970	183	10	96	48	15	8	19,200	(NA)
1971	201	(NA)	[3] 104	60	21	14	19,800	2.0
VA guaranteed:								
1965	40	10	16	9	4	1	17,900	(NA)
1968	63	6	26	17	8	4	19,800	(NA)
1969	56	3	18	19	9	6	21,800	(NA)
1970	49	1	12	16	11	9	23,700	(NA)
1971	87	(NA)	[3] 16	26	25	20	25,300	2.7
Conventional mortgage:								
1965	339	48	76	80	63	65	22,700	(NA)
1968	290	13	31	52	60	121	28,500	(NA)
1969	246	7	19	42	47	122	30,400	(NA)
1970	202	7	23	28	35	103	30,800	(NA)
1971	288	(NA)	[3] 34	41	51	159	31,900	3.2
Homes for sale: [3]								
1965, Dec. 31	227	32	57	39	30	40	21,300	4.5
1968, Dec. 31	219	12	38	35	30	50	24,600	4.0
1969, Dec. 31	228	10	32	33	32	68	27,000	5.0
1970, Dec. 31	227	8	38	30	24	64	26,200	4.2
1971, Dec. 31	294	8	42	41	34	72	25,900	3.4
1972, Mar. 31	311	7	48	46	38	81	26,100	4.0

NA Not available. Z Fewer than 500 homes. [1] Totals include homes with price data not reported.
[2] Includes homes with cash and other financing reported, and homes with type of financing not reported.
[3] Includes homes sold for under $15,000. [4] Data refer to intended sales price and to median number of months from start of construction to end of quarter.

Source: U.S. Bureau of the Census, and U.S. Dept. of Housing and Urban Development, Office of the Deputy Undersecretary for Policy Analysis and Program Evaluation, *Construction Reports*, series C25 (a joint publication), and unpublished data.

No. 1149. First Homes, 1967 and 1970, and Second Homes, 1967

[**In thousands, except as indicated.** As of April. Based on sample of households. A second home is a residence other than the one where the household usually lives, which was owned or rented by the household for the entire year. The home must have been reserved for the occasional use of the owner during the entire year. Includes homes shared with co-owners or co-renters. Excludes homes outside the United States, those used for income and investment purposes only, trailers, tents, etc]

Item	1967		1970	
	Total	Percent	Total	Percent
Number of households	58,845	100.0	63,447	100.0
First homes:				
Owner-occupied	37,602	63.9	39,882	62.9
Renter-occupied	21,243	36.1	23,565	37.1
With no second home	57,169	97.1	60,557	95.4
With second home	1,676	2.9	2,890	4.6

Item	1967	
	Total	Percent
Second homes, total	1,547	100.0
Owned	1,496	96.7
Rented	51	3.3
Single-family	504	32.6
Vacation cottage	874	56.5
Other	169	10.9
Occupied summer only	1,083	70.0
Occupied 2 or 3 seasons	402	26.0
Median value [1]	$7,800	(x)

X Not applicable. [1] For definition of median, see preface.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-121, No. 16, and Census of Housing, 1970, *Detailed Housing Characteristics*, HC(1)-B 1.

No. 1150. Vacancy Rates—Inside and Outside Standard Metropolitan Statistical Areas, and Regions: 1960 to 1972

[**In percent.** Annual averages, except as indicated. Based on Current Population Survey; see text, p. 1. Rate is relationship between vacant housing for rent or for sale and the total supply, which comprises occupied units, units already rented or sold and awaiting occupancy, and vacant units available for rent. For composition of regions, see fig. I, p. xii; for definition of standard metropolitan statistical areas, see text, p. 2. Except as noted, covers 212 SMSA's as constituted in 1960]

Rate and period	United States	Inside SMSA's [1]	Outside SMSA's [1]	Regions: Northeast	North Central	South	West
Rental vacancy rate:							
1960	7.4	6.5	9.3	4.4	7.7	8.6	10.5
1965	7.5	7.4	7.9	5.0	6.7	8.1	11.3
1969	5.0	4.0	6.5	2.7	5.2	6.4	5.7
1970	4.9	4.6	5.8	2.5	5.4	6.6	5.3
1971	5.1	4.8	5.8	2.7	5.4	6.8	5.5
1972, 1st quarter [2]	5.3	5.1	5.8	3.2	5.9	6.7	5.3
Homeowner vacancy rate:							
1960	1.2	1.2	1.3	0.9	1.1	1.5	1.3
1965	1.4	1.4	1.5	0.9	1.1	1.9	1.8
1969	0.9	0.9	1.0	0.7	0.8	1.1	1.1
1970	1.0	1.0	1.0	0.7	0.9	1.2	1.1
1971	0.9	0.9	0.9	0.6	0.8	1.1	1.2
1972, 1st quarter [2]	1.0	1.0	0.9	0.4	1.0	1.2	1.2

[1] For 1960, data are for 168 standard metropolitan areas as defined at time of 1950 Census of Population; for 1965–1971, 212 SMSA's as defined at time of 1960 Census; for 1st quarter, 1972 data based partially on 1960 and partially on 1970 definitions. [2] Data for previous periods exclude units reported as dilapidated.

No. 1151. Vacant Housing Units—Condition and Status, Inside and Outside Standard Metropolitan Statistical Areas: 1965 to 1972

[**Percent distribution.** Annual averages, except as indicated. See headnote, table 1150]

Condition and status	Total: 1965	1969	1970	1971	1972, 1st qtr.[1]	Inside SMSA's: 1970	1971	1972, 1st qtr.[1]	Outside SMSA's: 1970	1971	1972, 1st qtr.[1]
All housing units	**100.0**	**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	6.9	5.9	5.8	5.9	(2)	5.0	5.2	(2)	7.0	7.0	(2)
For rent	2.7	1.7	1.7	1.8	1.8	1.9	1.9	2.0	1.5	1.5	1.5
For sale only	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6
Rented or sold, awaiting occupancy	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.4
Held off market	2.9	3.0	2.9	2.9	3.2	2.0	2.1	2.3	4.4	4.4	5.0
Dilapidated	0.7	0.6	0.5	0.5	(2)	0.3	0.3	(2)	0.9	0.9	(2)
Seasonal vacant	2.9	2.6	2.5	2.3	2.4	0.9	0.9	0.8	5.3	4.9	5.4
Occupied	89.5	90.9	91.2	91.3	91.4	93.8	93.6	93.7	86.8	87.2	87.1

[1] See footnote 1, table 1150. [2] Data not collected; see source.

No. 1152. Vacancy Rates for Housing Units with Selected Characteristics: 1968 to 1971

[**In percent.** See headnote, table 1150]

Rental units	1968	1969	1970	1971	Homeowner units	1968	1969	1970	1971
Total units	**5.4**	**5.0**	**4.9**	**5.1**	**Total units**	**1.0**	**0.9**	**1.0**	**0.9**
Units in structure:					Units in structure:				
1 unit	4.7	4.1	3.6	3.6	1 unit	1.0	1.0	1.0	0.9
2 or more units	6.0	5.8	6.2	6.4	2 or more units	2.0	1.8	2.1	2.4
5 or more units	6.1	6.3	7.1	7.9	5 or more units	2.9	1.8	4.3	8.5
Number of rooms:					Number of rooms:				
3 rooms or less	8.1	7.9	8.2	8.2	3 rooms or less	2.6	2.1	2.5	2.3
4 rooms	5.0	4.6	4.8	5.0	4 rooms	1.1	1.0	1.4	1.3
5 rooms	4.1	3.7	3.5	3.5	5 rooms			0.9	1.0
6 rooms or more	2.8	2.5	2.3	2.8	6 rooms or more	0.9	0.9	0.9	0.8
Monthly rent:					Value:				
Less than $60	7.8	7.4	7.1	7.0	Less than $10,000	1.3	1.2	1.3	1.1
$60–$79	5.6	4.7	4.6	4.6	$10,000–$19,999	0.9	0.8	0.8	0.9
$80–$99	3.8	3.8	4.2	4.2	$20,000–$24,999	0.8	0.8	0.7	0.8
$100 or more	4.6	4.6	5.3	5.6	$25,000 or more	1.3	1.2	1.3	0.9
$120 or more	5.7	5.3	6.2	6.4	Year built:				
Year built:					1960 or later	1.8	1.6	1.6	1.5
1960 or later	5.7	6.5	7.2	7.8	1965 or later	2.8	2.8	2.6	2.2
1965 or later	7.4	10.0	10.9	10.4	1940–1959	0.7	0.7	0.7	0.6
1940–1959	5.2	4.5	4.3	4.4	1939 or earlier	1.2	1.1	1.0	0.9
1939 or earlier	5.6	5.2	5.0	4.9	Plumbing facilities:				
Plumbing facilities:					With all facilities	1.0	1.0	1.0	1.0
With all facilities	4.9	4.7	4.8	5.0	Lacking facilities	2.0	1.5	1.8	1.5
Lacking facilities	10.1	9.2	9.6	10.5					

Source of tables 1150–1152: U.S. Bureau of the Census, *Current Housing Reports*, series H–111.

No. 1153. Low-Rent Public Housing Units, by Progress Stage: 1950 to 1971

[In thousands. As of December 31. Includes Puerto Rico and Virgin Islands. Covers units subsidized by U.S. Department of Housing and Urban Development (HUD) under annual contributions contracts]

Year and program	Total	Under management [1]	Under construction	Not under construction [2]
1950 [3]	302.1	201.7	31.5	68.9
1955 [3]	489.7	413.6	21.1	55.1
1960	593.3	478.2	36.4	78.8
Elderly [4]	18.9	1.1	4.1	13.7
1965	735.7	604.9	42.4	88.4
Elderly [4]	97.7	36.2	21.6	40.0
1968	923.7	744.5	73.5	105.7
Elderly [4]	183.7	97.2	42.8	43.7
1969	1,034.7	822.6	84.8	127.4
Elderly [4]	218.9	121.3	48.6	48.6
1970	1,155.3	893.5	126.8	135.0
Elderly [4]	249.4	143.4	65.7	40.3
1971	1,175.9	992.7	117.3	65.8
Elderly [4]	279.6	205.7	51.3	22.6
1971—Continued				
New construction	1,006.5	868.0	99.5	39.1
Conventional [5]	834.4	774.1	35.2	25.1
Turnkey [6]	172.2	93.9	64.3	14.0
Acquisition	45.4	35.4	5.2	4.8
Rehabilitation:				
With [7]	33.0	24.8	5.2	3.1
Conventional	21.5	16.5	2.3	2.7
Turnkey	11.6	8.3	2.9	.4
Without	12.4	10.6	(X)	1.7
Leased housing [8]	123.9	89.4	12.6	21.9
New	49.0	26.5	11.0	11.5
Rehabilitation:				
With [7]	22.6	17.1	1.7	3.8
Without	52.4	45.8	(X)	6.6

X Not applicable. [1] Occupied or available for occupancy.
[2] Comprises units to be constructed and units that will go directly into "under management" category because they need no rehabilitation.
[3] Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA), and homestead associations on which HUD has mortgages for collection.
[4] Covers units designed specifically for persons 62 years old or over, disabled, or handicapped.
[5] New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA.
[6] New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement.
[7] Existing housing acquired by the LHA, requiring substantial rehabilitation which can be done either by the LHA (conventional) or by the seller (turnkey).
[8] Existing housing leased by the LHA from an owner under a contract permitting the LHA to sub-lease the units.

Source: U.S. Dept. of Housing and Urban Development, Housing Production and Mortgage Credit-FHA, *HUD Statistical Yearbook*, and unpublished data.

No. 1154. Occupied Housing Units—Percent of Home Ownership, by Race of Household Head, and Regions: 1960 and 1970

[For composition of regions, see fig. I, p. xii]

Race and tenure	1960					1970				
	United States	Northeast	North Central	South	West	United States	Northeast	North Central	South	West
TOTAL										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	61.9	56.1	67.0	62.0	61.3	62.9	57.6	68.0	64.7	59.0
Renter occupied	38.1	43.9	33.0	38.0	38.7	37.1	42.4	32.0	35.3	41.0
WHITE										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	64.4	58.1	69.1	66.4	62.5	65.4	60.5	70.2	68.2	60.2
Renter occupied	35.6	41.9	30.9	33.6	37.5	34.6	39.5	29.8	31.8	39.8
NEGRO AND OTHER [1]										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owner occupied	38.4	27.0	35.8	41.6	44.6	41.6	28.6	42.0	46.9	40.1
Renter occupied	61.6	73.0	64.2	58.4	55.4	58.4	71.4	58.0	53.1	59.9

[1] For 1970, Negro only.

Source: U.S. Bureau of the Census, U.S. *Census of Housing: 1960*, vol. I, and Census of Housing, 1970, *General Housing Characteristics*, HC(1)-A1, final report.

No. 1155. Occupied Housing Units—Tenure, and Population Per Occupied Unit, by Race of Household Head and by Residence: 1900 to 1970

[**In thousands, except percent.** Prior to 1960, excludes Alaska and Hawaii. 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, race, 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								
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	3.4
1960	53,024	32,797	61.9	20,227	38.1	23.4	18.5	3.3
1970	63,450	39,885	62.9	23,565	37.1	19.7	13.3	3.1
RACE								
White:								
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	3.3
1960	47,880	30,823	64.4	17,057	35.6	22.5	17.5	(NA)
1970	56,529	36,979	65.4	19,551	34.6	18.1	11.9	(NA)
Negro and other:								
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	3.9
1960	5,144	1,974	38.4	3,171	61.6	33.0	26.7	(NA)
1970	6,920	2,907	42.0	4,014	58.0	34.5	24.3	(NA)
RESIDENCE								
Nonfarm:								
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	3.3
1960 [3]	49,458	30,164	61.0	19,249	39.1	33.3	30.0	3.3
1970 [3]	60,351	37,393	62.0	22,957	38.0	22.0	16.1	3.1
Farm: [4]								
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]	3,566	2,633	73.8	933	26.2	—37.7	—41.7	3.8
1970 [3]	3,095	2,492	80.5	603	19.5	—13.2	—21.2	3.4

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 and 1970. For 1910 and 1920, includes the small number of quasi-families; 1900 and 1930 represent private families only.

[2] From 1950 to 1970, population in occupied housing units was determined by dividing population in housing units by number of occupied housing units.

[3] Not comparable with data for earlier censuses because of a basic change in definition of farm residence. For definitions used in 1960 and 1970, see text, p. 2.

[4] For 1900 to 1920, includes a small proportion of urban-farm families in addition to rural-farm.

Source: U.S. Bureau of the Census, *U.S. Census of Population and Housing: 1960* and *1970*.

No. 1156. Housing Units—Selected Characteristics, by States: 1970

STATE	ALL YEAR-ROUND HOUSING UNITS			OCCUPIED HOUSING UNITS						AVAILABLE HOUSING UNITS	
					Percent—						
	Total (1,000)	With all plumbing facilities (percent)	Median[1] number of rooms	Total (1,000)	With all plumbing facilities[2] Total	With all plumbing facilities[2] 1.01 or more persons per room	Owner occupied	Occupied by minority races	Median[1] number of persons	Homeowner vacancy rate[3]	Rental vacancy rate[4]
U.S.	**67,657**	**93.1**	**5.0**	**63,450**	**94.0**	**7.0**	**62.9**	**11.0**	**2.7**	**1.2**	**6.6**
N.E.	**3,844**	**95.2**	**5.2**	**3,645**	**96.0**	**5.8**	**60.9**	**3.5**	**2.7**	**0.8**	**5.0**
Maine	337	84.6	5.2	303	87.7	5.7	70.1	0.5	2.7	1.4	7.2
N.H.	247	93.0	5.2	225	94.6	6.0	68.2	0.5	2.7	1.3	6.6
Vt.	149	91.6	5.5	132	94.1	5.7	69.1	0.4	2.7	1.4	6.6
Mass.	1,836	96.4	5.2	1,760	96.7	5.8	57.5	3.5	2.7	0.7	4.7
R.I.	306	96.9	5.1	292	97.2	5.8	57.9	2.9	2.6	0.7	5.8
Conn.	968	97.3	5.2	933	97.5	6.0	62.5	5.8	2.8	0.7	4.2
M.A.	**12,331**	**96.3**	**5.1**	**11,837**	**96.8**	**6.3**	**56.6**	**10.7**	**2.7**	**0.8**	**3.5**
N.Y.	6,152	96.8	4.7	5,914	97.2	7.3	47.3	12.3	2.6	0.7	2.9
N.J.	2,303	97.5	5.2	2,218	97.7	5.9	60.9	10.3	2.8	0.7	3.3
Pa.	3,876	94.9	5.6	3,705	95.6	5.1	68.8	8.3	2.7	0.8	5.0
E.N.C.	**13,108**	**94.7**	**5.1**	**12,383**	**95.7**	**6.9**	**67.5**	**9.3**	**2.7**	**1.0**	**6.7**
Ohio	3,447	94.8	5.3	3,289	95.5	6.0	67.7	8.9	2.8	0.9	6.2
Ind.	1,712	93.5	5.0	1,609	94.5	7.3	71.7	6.3	2.7	1.3	8.3
Ill.	3,693	95.2	4.9	3,502	95.9	7.4	59.4	12.0	2.6	1.0	6.5
Mich.	2,842	95.6	5.2	2,653	96.8	7.3	74.4	11.0	2.9	1.1	7.8
Wis.	1,414	92.8	5.2	1,329	94.5	6.7	69.1	3.0	2.7	0.9	4.7
W.N.C.	**5,559**	**91.6**	**5.0**	**5,154**	**93.5**	**6.4**	**69.3**	**4.4**	**2.5**	**1.2**	**8.2**
Minn.	1,219	91.8	5.1	1,154	93.5	6.8	71.5	1.6	2.7	0.8	5.8
Iowa	955	92.5	5.3	896	93.9	5.4	71.7	1.2	2.5	1.1	7.5
Mo.	1,664	90.3	4.8	1,521	92.3	7.0	67.2	9.3	2.5	1.4	9.8
N. Dak.	200	86.2	5.0	182	89.9	7.9	68.4	1.9	2.7	1.4	8.0
S. Dak.	222	86.4	5.1	201	90.0	7.2	69.6	3.3	2.6	1.4	8.1
Nebr.	512	93.9	5.1	474	95.6	5.9	66.4	2.8	2.5	1.4	7.7
Kans.	787	94.4	5.1	727	95.8	5.6	69.1	4.7	2.5	1.5	9.3
S.A.	**10,142**	**89.1**	**5.0**	**9,438**	**90.0**	**6.8**	**63.5**	**18.0**	**2.7**	**1.4**	**7.5**
Del.	175	94.9	5.7	165	95.5	4.8	68.0	13.1	2.9	1.2	6.6
Md.	1,235	95.6	5.5	1,175	95.9	5.9	58.8	16.2	2.9	1.0	5.0
D.C.	278	97.7	3.9	263	97.9	11.9	28.2	63.7	2.2	1.2	5.3
Va.	1,484	86.6	5.2	1,391	87.9	5.2	62.0	16.3	2.8	1.2	5.7
W. Va.	592	81.7	5.1	547	83.7	5.6	68.9	4.1	2.7	1.2	7.5
N.C.	1,618	84.4	5.0	1,510	85.6	6.5	65.4	19.3	2.9	1.2	7.0
S.C.	805	81.4	5.1	734	82.6	7.1	66.1	25.4	3.0	1.7	9.2
Ga.	1,466	86.8	5.0	1,369	87.7	7.3	61.1	22.3	2.9	1.4	7.5
Fla.	2,489	94.9	4.7	2,285	95.1	7.9	68.6	12.5	2.4	1.8	10.7
E.S.C.	**4,169**	**81.5**	**5.0**	**3,868**	**83.0**	**6.9**	**66.7**	**17.3**	**2.8**	**1.2**	**8.3**
Ky.	1,060	79.2	4.9	984	81.1	6.5	66.9	7.1	2.7	1.1	8.6
Tenn.	1,297	85.2	5.0	1,213	86.4	6.7	66.7	13.9	2.8	1.2	7.7
Ala.	1,115	83.1	5.0	1,034	84.3	6.7	66.7	22.5	2.8	1.2	8.6
Miss.	697	75.7	4.9	637	77.3	7.9	66.3	31.1	2.9	1.3	8.6
W.S.C.	**6,565**	**90.7**	**4.8**	**5,952**	**91.8**	**9.0**	**65.3**	**14.6**	**2.7**	**1.8**	**10.7**
Ark.	673	81.6	4.7	615	83.2	6.8	66.7	15.6	2.5	1.5	8.3
La.	1,146	88.5	4.8	1,052	89.4	11.3	63.1	26.6	2.9	1.4	9.8
Okla.	938	92.9	4.9	851	94.0	6.2	69.2	9.3	2.4	1.8	11.9
Tex.	3,808	92.3	4.8	3,432	93.5	9.4	64.7	12.1	2.7	1.9	11.1
Mt.	**2,718**	**94.3**	**4.8**	**2,518**	**95.5**	**8.8**	**65.5**	**4.4**	**2.7**	**1.4**	**7.7**
Mont.	240	91.0	4.6	217	93.4	8.5	65.7	3.0	2.6	1.3	9.8
Idaho	238	94.7	4.8	219	96.2	8.6	70.1	1.4	2.7	1.2	7.9
Wyo.	114	94.1	4.7	105	95.8	8.1	66.4	2.1	2.6	1.5	8.5
Colo.	742	95.0	4.9	691	96.4	6.4	63.4	3.8	2.6	1.2	6.6
N. Mex.	322	89.4	4.7	289	91.1	11.3	66.4	7.2	3.0	2.7	10.2
Ariz.	578	94.8	4.6	539	95.3	10.4	65.3	6.8	2.7	1.1	7.9
Utah	312	97.3	5.0	298	97.9	10.2	69.3	2.1	3.1	0.7	5.6
Nev.	172	96.8	4.6	160	97.3	8.4	58.5	6.6	2.5	1.9	6.6
Pac.	**9,220**	**97.4**	**4.7**	**8,653**	**97.9**	**7.5**	**57.1**	**9.6**	**2.5**	**1.3**	**6.3**
Wash.	1,204	96.6	4.9	1,106	97.4	5.2	66.8	3.9	2.5	1.6	10.8
Oreg.	735	96.4	5.0	692	97.0	5.3	66.1	2.3	2.4	1.1	7.3
Calif.	6,977	97.9	4.7	6,574	98.3	7.7	54.9	9.8	2.5	1.3	5.7
Alaska	88	82.8	4.1	79	86.2	12.2	50.3	15.4	3.2	1.4	6.9
Hawaii	216	94.4	4.6	203	94.7	18.6	46.9	58.4	3.3	1.3	4.5

[1] For definition of median, see preface. [2] Includes hot and cold piped water, as well as a flush toilet and bathtub or a shower inside the structure for exclusive use of the people in the unit.
[3] Base is total of units occupied by owners and available vacant units for sale.
[4] Base is total of units occupied by renters and available vacant units for rent.

Source: U.S. Bureau of the Census, Census of Housing, 1970, *General Housing Characteristics*, HC(1)-A1, final report.

No. 1157. Housing Units, by Geographic Regions: 1950 to 1970

[In thousands, except percent. For composition of divisions, see fig. I, p. xii]

Year and item	Total					Percent				
	U.S.	Northeast	North Central	South	West	U.S.	Northeast	North Central	South	West
1950										
Total	**46,137**	**12,051**	**13,746**	**13,654**	**6,686**	**100.0**	**26.1**	**29.8**	**29.6**	**14.5**
Inside SMSA's [1]	27,111	9,308	7,534	5,763	4,507	100.0	34.3	27.8	21.3	16.6
Central cities	16,058	5,345	4,799	3,540	2,375	100.0	33.3	29.9	22.0	14.8
Suburbs	11,053	3,963	2,735	2,223	2,132	100.0	35.9	24.7	20.1	19.3
1960										
Total	**58,326**	**14,798**	**16,798**	**17,173**	**9,558**	**100.0**	**25.4**	**28.8**	**29.4**	**16.4**
Inside SMSA's [2]	38,633	11,834	10,514	9,052	7,233	100.0	30.6	27.2	23.4	18.7
Central cities	20,440	6,005	5,695	5,208	3,531	100.0	29.4	27.9	25.5	17.3
Suburbs	18,193	5,829	4,818	3,844	3,701	100.0	32.0	26.5	21.1	20.3
1970										
Total	**68,627**	**16,620**	**18,973**	**21,003**	**12,032**	**100.0**	**24.2**	**27.6**	**30.6**	**17.5**
Inside SMSA's [2]	46,496	13,243	12,208	11,646	9,399	100.0	28.5	26.3	25.0	20.2
Central cities	22,591	6,195	5,980	6,163	4,253	100.0	27.4	26.5	27.3	18.8
Suburbs	23,905	7,048	6,228	5,483	5,146	100.0	29.5	26.1	22.9	21.5

[1] Covers 212 SMSA's as defined in 1960. For definition of standard metropolitan statistical areas, see text, p. 2.
[2] Covers 243 SMSA's as defined Feb. 21, 1971.

Source: U.S. Bureau of the Census, *U.S. Census of Housing, 1960*, vol. I, and Census of Population and Housing: 1970, *General Demographic Trends for Metropolitan Areas, 1960 to 1970*, final report, series PHC (2)-1.

No. 1158. Occupied Housing Units—Total, with All Plumbing Facilities, and Tenure, by Race of Occupants: 1960 and 1970

[In thousands. For definition of standard metropolitan statistical areas (SMSA), see text, p. 2]

Item	United States	Inside SMSA's			Outside SMSA's	Percent		
		Total	In central cities	Outside central cities		Inside SMSA's: In central cities	Inside SMSA's: In suburbs	Outside SMSA's
1960								
Occupied units, total	**53,024**	**34,000**	**18,506**	**15,494**	**19,024**	**100.0**	**100.0**	**100.0**
White, total	47,880	30,514	15,662	14,851	17,366	84.6	95.9	91.3
Negro and other races, total	5,144	3,486	2,844	643	1,658	15.4	4.1	8.7
Owner occupied	32,797	20,036	8,777	11,260	12,761	47.4	72.7	67.1
White	30,823	18,812	7,885	10,927	12,012	42.6	70.5	63.1
Negro and other races	1,974	1,224	892	333	749	4.8	2.1	3.9
Renter occupied	20,228	13,964	9,729	4,235	6,264	52.6	27.3	32.9
White	17,057	11,702	7,777	3,925	5,355	42.0	25.3	28.1
Negro and other races	3,171	2,262	1,952	310	909	10.5	2.0	4.8
Lacking some or all plumbing	9,778	3,521	1,959	1,562	6,257	10.6	10.1	32.9
Negro and other, occupied	2,096	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1970								
Occupied units, total	**63,417**	**44,064**	**21,380**	**22,685**	**19,353**	**100.0**	**100.0**	**100.0**
All races, except Negro	57,212	39,305	17,541	21,765	17,907	82.0	95.9	92.5
Negro, total	6,205	4,759	3,839	920	1,446	18.0	4.1	7.5
Owner occupied	39,862	26,237	10,299	15,938	13,625	48.2	70.3	70.4
All races, except Negro	37,284	24,405	8,962	15,443	12,879	41.9	68.1	66.5
Negro, total	2,578	1,832	1,337	495	746	6.3	2.2	3.9
Renter occupied	23,555	17,827	11,081	6,746	5,728	51.8	29.7	29.6
All races, except Negro	19,928	14,900	8,579	6,322	5,028	40.1	27.9	26.0
Negro, total	3,627	2,927	2,502	424	700	11.7	1.9	3.6
Lacking some or all plumbing	4,678	1,628	790	838	3,050	3.7	3.7	15.8
Negro occupied	1,050	344	186	158	706	0.9	0.7	3.6

NA Not available.

Source: U.S. Bureau of the Census, Census of Population and Housing: 1970, *General Demographic Trends for Metropolitan Areas, 1960 to 1970*, final report, series PHC (2)-1.

No. 1159. Occupied Units—Selected Characteristics of Owner-Occupied and Renter-Occupied Units, for the United States: 1960, 1970, and 1971

[**Percent distribution, except as indicated.** Annual averages, except as noted]

CHARACTERISTIC	1960 [1]			1970			1971		
	Total occupied units	Owner occupied	Renter occupied	Total occupied units	Owner occupied	Renter occupied	Total occupied units	Owner occupied	Renter occupied
Occupied units, percent of total	100.0	61.9	38.1	100.0	64.2	35.8	100.0	64.2	35.8
Median [2] number of rooms	4.9	5.5	3.9	5.2	5.7	4.1	5.1	5.7	4.1
Percent distribution	100	100	100	100	100	100	100	100	100
Number of rooms in unit:									
1 room	2	6	5	1	3	3	1	3	4
2 rooms	4		9	3		7	3		7
3 rooms	11		23	9		21	9		21
4 rooms	21	17	28	19	14	30	20	14	31
5 rooms	26	29	19	26	28	21	26	28	21
6 rooms	20	26	10	22	27	11	21	27	10
7 rooms or more	16	22	6	20	28	7	20	28	6
Number of housing units in structure:									
1 housing unit	76	94	48	74	94	38	73	94	36
2 housing units	8	4	13	9	4	18	9	4	18
3 and 4 housing units	5	2	12	5	2	11	5	2	12
5–9 housing units	11		9	4		11	4		9
10 housing units or more			18	8		22	9		25
Plumbing facilities:									
With all facilities	84	89	77	95	97	91	95	96	93
Lacking facilities	16	11	23	5	3	9	5	4	7
Year structure built:									
1965 or later	(X)	(X)	(X)	12	13	9	14	15	13
1960–1964	(X)	(X)	(X)	12	13	10	11	11	10
1950–1959	27	34	16	19	24	12	19	23	11
1940–1949	15	16	13	14	14	13	14	14	14
1939 or earlier	58	50	71	43	36	56	42	37	52

X Not applicable. [1] April 1. [2] For definition of median, see preface.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111, Nos. 55 and 71-5.

No. 1160. Occupied Units—Monthly Rent and Value: 1960 to 1971

[**Percent distribution, except medians.** As of April 1, except as noted. For definition of median, see preface]

MONTHLY RENT OF RENTER-OCCUPIED UNITS	1960	1969 [1]	1970	1971 [1]	VALUE OF OWNER-OCCUPIED UNITS	1960	1969 [1]	1970	1971 [1]
Total	100	100	100	100	**Total**	100	100	100	100
Less than $40	25	9	8	7	Less than $5,000	12	7	6	6
$40–$59	28	15	13	11	$5,000–$9,999	26	18	16	14
$60–$79	25	22	18	20	$10,000–$14,999	29	20	20	16
$80–$99	12	17	15	15	$15,000–$19,999	18	20	20	20
$100–$119	8	14	11	14					
$120–$149		13	14	16	$20,000–$24,999	7	15	15	15
$150–$199	2	10	10	17	$25,000–$34,999	5	12	14	16
$200 or more			4		$35,000–$49,999	3	8	6	13
No cash rent	–	–	6	–	$50,000 or more			3	
Median	$58	$84	$89	$95	Median	$11,900	$16,200	$17,000	$18,200

– Represents zero. [1] Annual averages.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111, No. 71-5 and Census of Housing, 1970, *General Housing Characteristics*, HC(1)-A1, final report.

No. 1161. Homeowner-Occupancy Rates—Inside and Outside Standard Metropolitan Statistical Areas, and Regions: 1960 to 1971

[**In percent.** Annual averages. Based on Current Population Survey; see text, p. 1. For definition of standard metropolitan statistical areas, see text. p. 2. For composition of regions, see fig. I, p. xii]

AREA	212 SMSA's [1]						243 SMSA's [2]	
	1965	1967	1968	1969	1970	1971	1960	1970
United States	63.3	63.6	63.9	64.3	64.2	64.2	61.9	62.9
Inside SMSA's	59.0	60.2	60.5	60.6	60.3	60.2	59.5	59.5
Outside SMSA's	66.8	70.0	70.3	71.4	71.6	71.8	66.9	70.4
Regions:								
Northeast	55.5	58.1	59.1	58.8	58.1	58.5	56.1	57.6
North Central	66.4	68.7	68.9	69.7	69.5	69.4	67.0	68.0
South	63.4	65.1	65.0	65.5	66.0	66.5	62.0	64.6
West	62.2	61.0	60.6	61.2	60.0	60.2	61.3	59.0

[1] As constituted April 1960. [2] As constituted February 1971.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111 and Census of Population and Housing, 1970, series PHC(2)-1, United States Summary, *General Demographic Trends for Metropolitan Areas, 1960 to 1970.*

No. 1162. Homes With Selected Electrical Appliances: 1952 to 1971

[**Wired homes in millions.** As of December 31. Percentages based on total number of homes wired for electricity]

ITEM	1952		1960		1965		1970		1971	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total number of wired homes	42.3	100.0	51.7	100.0	57.6	100.0	64.0	100.0	65.6	100.0
Air-conditioners, room	0.6	1.3	7.8	15.1	13.9	24.2	26.0	40.6	29.2	44.5
Bed coverings	3.6	8.6	12.2	23.6	20.0	34.7	31.7	49.5	33.5	51.1
Blenders	1.5	3.5	4.2	8.0	7.5	13.0	23.4	36.5	26.2	40.0
Can openers	(NA)	(NA)	2.5	4.8	14.2	24.7	29.1	45.5	31.5	48.1
Coffeemakers	21.6	51.0	30.2	58.3	41.3	71.7	56.7	88.6	59.7	91.0
Dishwashers	1.3	3.0	3.7	7.1	7.8	13.5	17.0	26.5	19.4	29.6
Disposers, food waste	1.4	3.3	5.4	10.5	7.9	13.6	16.3	25.5	18.6	28.4
Dryers, clothes (includes gas)	1.5	3.6	10.1	19.6	15.2	26.4	28.6	44.6	31.2	47.6
Freezers, home	4.9	11.5	12.1	23.4	15.7	27.2	20.0	31.2	21.4	32.7
Frypans	(NA)	(NA)	22.5	43.4	28.3	49.2	36.0	56.2	38.0	58.0
Hotplates and buffet ranges	9.0	21.2	12.5	24.2	13.1	22.7	15.7	24.5	16.3	24.8
Irons, total	37.9	89.6	45.7	88.4	57.1	99.1	63.8	99.7	65.4	99.8
Steam and steam/spray	8.3	19.5	30.6	59.2	44.6	77.5	56.5	88.2	59.1	90.1
Mixers	12.6	29.7	29.0	56.0	41.9	72.8	52.8	82.4	55.3	84.4
Radios [1]	43.7	96.2	50.3	94.3	58.2	99.3	63.9	99.8	65.4	99.8
Ranges: Free-standing	10.2	24.1	16.0	30.9	18.5	32.1	25.9	40.5	27.9	42.6
Built-in			3.3	6.4	5.9	10.3	9.6	15.0	10.3	15.7
Refrigerators	37.8	89.2	50.8	98.2	57.3	99.5	63.9	99.8	65.4	99.8
Television: Black and white	19.8	46.7	46.2	89.4	55.9	97.1	63.2	98.7	65.4	99.8
Color	(X)	(X)	(NA)	(NA)	5.5	9.5	27.2	42.5	33.5	51.1
Toasters	30.0	70.9	37.2	72.0	48.1	83.6	59.3	92.6	61.7	94.2
Vacuum cleaners	25.1	59.4	38.4	74.3	48.1	83.5	58.9	92.0	61.9	94.4
Washers, clothes	32.2	76.2	44.1	85.4	50.3	87.4	59.0	92.1	61.8	94.3
Water heaters	5.8	13.8	9.8	18.9	13.5	23.4	20.2	31.6	22.2	33.8

NA Not available. X Not applicable.
[1] Prior to 1970, radio data based on total homes, as follows: 53,300,000 in 1960, and 58,566,000 in 1965.

Source: Billboard Publications, Inc., New York, N.Y., *Merchandising Week*, annual statistical issues. (Copyright.)

No. 1163. Mortgage Status of Nonfarm Dwelling Units: 1920 to 1960

[**In thousands, except percent.** Prior to 1960, excludes Alaska and Hawaii. For 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	CENSUS YEAR	Owner-occupied units	Reporting mortgage status	MORTGAGED		Not mortgaged
			Number	Percent					Number	Percent	
1920	7,041	6,868	2,736	39.8	4,132	1950	19,802	17,796	7,825	44.0	9,971
1940	11,413	10,611	4,805	45.3	5,806	1960	27,862	27,862	15,816	56.8	12,046

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1950*, vol. I and *1960*, vol. V.

No. 1164. 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 preface]

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)					
Total properties	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than 4.4 percent	1.7	2.0	2.7	26.9	14.7
4.5-4.9 percent			17.3	20.2	26.7
5.0 percent	11.0	8.3	19.8	22.4	15.1
5.1-5.9 percent	2.3	5.9	7.7	2.7	16.3
6.0-6.9 percent	45.7	59.8	45.6	25.2	24.8
7.0-7.9 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, U.S. Bureau of the Census, *U.S. Census of Housing: 1960*, vol. V.

No. 1165. Residential Loans Underwritten by FHA and VA: 1950 to 1971

[**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. See also *Historical Statistics, Colonial Times to 1957*, series N 179-185]

LOAN	1950	1955	1960	1965	1967	1968	1969	1970	1971
FHA-insured loans	**4,343**	**3,807**	**6,293**	**8,689**	**7,150**	**8,275**	**9,129**	**11,982**	**14,689**
Home mortgages:									
New properties	1,637	1,269	2,197	1,705	1,369	1,572	1,551	2,667	3,900
Existing properties	856	1,816	2,403	5,760	4,516	4,924	5,570	5,447	6,475
Project type mortgages	1,157	76	711	591	642	1,123	1,316	3,251	3,641
Property improvement loans [1]	694	646	982	634	623	656	693	617	674
VA-guaranteed loans [2]	**3,072**	**7,156**	**1,985**	**2,652**	**3,405**	**3,774**	**4,073**	**3,440**	**5,910**
Home mortgages:									
New properties	1,865	4,582	1,554	876	1,143	1,430	1,493	1,310	1,676
Existing properties	1,202	2,564	428	1,774	2,259	2,343	2,579	2,129	4,234

[1] Not ordinarily secured by mortgages.
[2] Includes small amount of alteration and repair loans; only those of more than $1,000 need be secured. Excludes direct loans.

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

No. 1166. Characteristics of Conventional First Mortgage Loans for Purchase of Single-Family Homes: 1970 to 1972

[**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				
	1970		1971		1972, Apr.	1970		1971		1972, Apr.
	Apr.	Oct.	Apr.	Oct.		Apr.	Oct.	Apr.	Oct.	
Contract interest rate	8.24	8.33	7.37	7.68	7.37	8.19	8.20	7.34	7.62	7.29
Initial fees and charges [1]	1.02	1.05	0.73	0.97	0.86	0.90	0.88	0.75	0.79	0.78
Term to maturity ..... years	24.8	25.1	26.3	26.4	2.71	22.7	22.8	24.2	24.1	25.3
Loans to price ratio	71.3	72.4	73.6	75.5	75.6	70.2	71.5	73.6	74.2	75.2
Purchase price $1,000	34.9	34.6	36.0	35.2	38.3	29.6	29.0	31.8	31.2	33.8

[1] Include only discounts and initial payments that provide additional income to lender; exclude reimbursable closing costs. Expressed as percent of principal mortgage amount.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

No. 1167. One-Family Homes, FHA-Insured Mortgages: 1950 to 1971

[Percent distribution, except median value and cost. For definition of median, see preface]

ITEM	NEW HOMES					EXISTING HOMES				
	1950	1960	1965	1970	1971	1950	1960	1965	1970	1971
Amount of mortgage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $15,000	99.8	71.7	41.8	5.9	3.0	99.3	83.1	58.4	37.4	31.5
$15,000-$19,999	0.2	26.9	45.5	36.5	29.8	0.7	15.7	34.1	34.1	32.7
$20,000-$29,999	–	1.4	12.6	53.1	61.8	–	1.2	7.4	27.2	34.0
$30,000 and over			0.1	4.5	5.4			0.1	1.3	1.8
Term of mortgage:										
10, 15, or 20 years	(NA)	1.8	0.5	0.4	0.4	(NA)	18.8	6.1	5.2	5.0
25 years	(NA)	12.1	3.0	0.5	0.5	(NA)	43.6	16.9	12.8	11.7
30 years or more	(NA)	86.1	96.5	99.1	99.1	(NA)	37.6	77.0	82.0	83.3
Monthly mortgage payment:										
Less than $100	99.2	42.3	28.1	0.2	0.2	96.4	55.9	35.9	8.1	7.1
$100-$119	0.6	35.5	30.8	1.4	0.8	2.5	25.3	26.3	10.2	9.6
$120-$139	0.2	16.1	21.6	5.5	5.4	1.1	12.5	20.8	13.7	13.4
$140-$199		6.0	18.6	41.1	39.6		6.1	16.2	39.4	38.5
$200 and over		0.1	0.9	51.8	54.9		0.2	0.8	28.6	31.4
Median value and cost:										
FHA estimate of value ... dol.	8,286	14,607	16,561	22,957	23,866	8,865	13,043	15,128	17,773	18,856
Mortgage amount ... dol.	7,101	13,569	15,574	20,927	21,985	6,801	11,978	14,232	16,590	17,638
Ratio: Mortgage/value	88.0	93.5	94.3	92.5	93.1	77.8	92.6	94.4	94.3	94.1
Monthly housing cost [1] ... dol.	75	129	144	[2] 246	[2] 249	79	121	141	200	208

– Represents zero. NA Not available. [1] Comprises mortgage payment for first year, estimated heating and utilities cost, and estimated upkeep. [2] Average.

Source: U.S. Dept. of Housing and Urban Development, Housing Production and Mortgage Credit-FHA, *HUD Statistical Yearbook*.

No. 1168. Home Loans Guaranteed by VA: 1960 to 1971

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

ITEM	NEW HOMES					EXISTING HOMES				
	1960	1965	1969	1970	1971	1960	1965	1969	1970	1971
Purchase price, all ranges	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $10,000	1.9	1.0	0.2	0.1	0.1	32.8	10.2	6.7	5.4	3.6
$10,000-$11,999	11.5	4.2	0.5	0.3	0.2	18.4	10.4	8.1	6.8	4.8
$12,000-$14,999	39.1	19.8	5.1	2.3	1.9	25.4	21.8	17.9	15.3	12.3
$15,000-$17,999	29.6	28.7	18.2	11.8	10.7	15.0	25.7	20.5	18.5	16.9
$18,000-$19,999	10.3	14.9	15.9	12.4	12.5	3.0	9.5	12.4	14.0	11.7
$20,000-$21,999	3.0	10.3	13.6	12.2	11.8	2.0	7.5	9.3	9.2	9.7
$22,000-$24,999	3.6	11.7	17.8	19.3	19.0	2.4	7.8	11.6	13.7	14.8
$25,000 and over	1.0	9.4	28.7	41.6	43.8	1.0	7.1	13.5	17.1	26.2
Average purchase price ... $1,000	15.3	18.3	22.5	24.5	25.1	12.2	16.4	18.2	19.5	21.4
Mortgage maturity, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25 years	1.4	0.9	0.4	0.4	0.4	43.0	9.0	5.8	5.3	4.2
25 years	3.9	2.3	0.9	0.8	0.8	31.3	17.0	11.6	9.8	8.8
26–29 years	28.6	17.5	25.4	18.2	3.3	3.5	16.1	23.7	13.4	3.9
30 years	66.1	79.3	73.3	80.6	95.5	22.2	57.9	58.9	71.5	83.1
Downpayment status, all loans	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
With downpayments	30.2	24.4	28.8	33.1	32.9	66.5	31.1	28.8	29.2	27.9
With no downpayments	69.8	75.6	71.2	66.9	67.1	33.5	68.9	71.2	70.8	72.1

Source: U.S. Veterans Administration, *Loan Guaranty Highlights*.

No. 1169. Estimated Nonfarm Real Estate Foreclosures: 1930 to 1971

[Old series 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 (old series)	YEAR	Foreclosures (old series)	YEAR	Foreclosures (old series)	YEAR	FORECLOSURES	
							Old series [1]	New series [2]
1930	150,000	1955	28,529	1963	98,195	1967	110,541	134,203
1940	75,556	1960	51,353	1964	108,620	1968	90,941	110,404
						1969	(X)	95,856
1945	12,706	1961	73,074	1965	116,664	1970	(X)	101,070
1950	21,537	1962	86,444	1966	117,473	1971	(X)	116,704

X Not applicable. [1] Discontinued after 1968.

[2] Based on 1967 benchmark and, to a minor degree, also differs conceptually from old series; difference largely due to understated reports and underestimating in old series. Includes farm foreclosures, relatively small.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book*, annual.

No. 1170. Urban Renewal Program—Summary: 1949 to 1971

[**Money figures in thousands of dollars.** Includes Puerto Rico, Guam, and Virgin Islands. Represents Federal grant assistance to localities by the Department of Housing and Urban Development for urban renewal activities under Title I of Housing Act of 1949, as amended]

ITEM	Cumulative total	NET CHANGE [1]						
		1949–1965	1966	1967	1968	1969	1970	1971
Grant authority reserved	**10,082,429**	**4,984,961**	**774,576**	**646,239**	**950,136**	**873,887**	**1,061,628**	**791,002**
Urban renewal projects [2]	8,210,255	4,952,969	780,800	580,514	787,003	277,078	525,057	347,834
Neighborhood development programs [3]	1,449,453	(X)	(X)	(X)	82,737	507,393	462.730	396,593
Certified area programs [4]	9,239	(X)	(X)	(X)	(X)	4,122	2,543	2,574
Code enforcement projects [5]	293,454	(X)	35,497	49,584	65,372	59,695	51,183	32,123
Community renewal programs [6]	61,703	23,117	4,147	4,334	10,555	7,172	8,964	3,414
Demolition projects [7]	24,586	3,058	3,406	2,600	4,041	7,350	1,413	2,718
Demonstration programs [8]	10,691	5,817	726	207	428	562	1,975	976
Interim assistance programs [9]	23,045	(X)	(X)	(X)	(X)	10,515	7,763	4,767
Grants disbursed	**5,539,496**	**1,429,532**	**337,022**	**431,361**	**522,509**	**595,643**	**1,073,631**	**1,149,798**
Urban renewal projects [2]	4,563,873	1,411,187	330,431	412,107	495,229	436,462	672,403	806,052
Neighborhood development programs [3]	718,797	(X)	(X)	(X)	–	120,464	337,730	260,603
Certified area programs [4]	6,439	(X)	(X)	(X)	(X)	–	2,603	3,836
Code enforcement projects [5]	167,431	(X)	1,930	13,891	19,417	30,524	43,578	58,091
Community renewal programs [6]	48,674	14,613	3,576	3,480	5,576	6,305	7,045	8,079
Demolition projects [7]	11,037	(X)	346	1,038	1,806	1,586	2,048	4,213
Demonstration programs [8]	8,262	3,730	739	845	481	302	977	1,188
Interim assistance programs [9]	14,980	(X)	(X)	(X)	(X)	–	7,247	7,733
Number of projects	**3,080**	**1,914**	**203**	**209**	**199**	**133**	**265**	**157**
Urban renewal projects [2]	2,071	1,699	113	135	91	–8	60	–19
Neighborhood development programs [3]	202	(X)	(X)	(X)	8	29	94	71
Certified area programs [4]	23	(X)	(X)	(X)	(X)	5	11	7
Code enforcement projects [5]	201	(X)	32	38	37	30	24	40
Community renewal programs [6]	268	146	19	11	28	17	30	17
Demolition projects [7]	156	3	31	19	25	32	20	26
Demonstration projects [8]	115	66	8	6	10	5	14	6
Interim assistance programs [9]	44	(X)	(X)	(X)	(X)	23	12	9

– Represents zero. X Not applicable. [1] Reflects amendments, cancellations, and terminations.
[2] First approval, March 1950. [3] First approval, November 1968. [4] First approval, March 1969.
[5] First approval, January 1966. [6] First approval, August 1960. [7] First approval, November 1965.
[8] First approval, March 1953. [9] First approval, December 1969.

Source: U.S. Dept. of Housing and Urban Development, Community Development and Community Planning and Management, *HUD Statistical Yearbook* and *Report of Urban Renewal Operations*.

No. 1171. Comprehensive Planning Assistance Program: 1954 to 1971

[**Money figures in thousands of dollars.** Includes Puerto Rico, Guam, and Virgin Islands. Planning grants are made to State planning agencies, and metropolitan, regional, or other qualified planning agencies]

ITEM AND YEAR	Total	TYPE OF PLANNING AREA ASSISTED						
		Small [1]	Redevelopment	Metropolitan, regional, and interstate	Statewide	Research and demonstration	District [2]	Other
Federal grants, total	**322,512**	**82,863**	**24,458**	**120,693**	**58,483**	**13,655**	**4,736**	**17,624**
1954–1964	79,178	31,620	11,330	25,383	10,212	–	–	633
1965	20,795	8,013	1,655	7,842	2,161	–	–	1,124
1966	23,475	5,320	5,536	6,409	4,040	538	–	1,632
1967	27,191	6,813	2,249	11,103	3,673	1,774	–	1,579
1968	44,528	13,916	3,688	14,645	6,252	1,584	–	4,443
1969	41,242	11,137	–	21,411	4,467	2,428	867	932
1970	49,393	2,387	–	20,683	15,280	3,344	2,737	4,962
1971	36,710	3,657	–	13,217	12,398	3,987	1,132	2,319
Number of projects, total	**6,035**	**3,115**	**691**	**1,341**	**435**	**137**	**47**	**269**
1954–1964	1,841	1,194	211	351	70	–	–	15
1965	445	281	58	64	18	–	–	24
1966	470	206	157	43	22	13	–	29
1967	637	374	73	98	20	33	–	39
1968	1,303	781	192	188	39	16	–	87
1969	556	229	–	209	67	13	14	24
1970	429	32	–	196	103	40	21	37
1971	354	18	–	192	96	22	12	14

– Represents zero. [1] Localities with a population under 50,000.
[2] Local Development Districts, Economic Development Districts, and Non-metropolitan Districts, etc.

Source: U.S. Dept. of Housing and Urban Development, Community Planning and Management, *HUD Statistical Yearbook*, and unpublished data.