FORESTS AND FOREST PRODUCTS

No. 644.—FORESTS: Estimated Original and Present Areas, Growing Area, Annual Growth, and Present Stand, by Regions

[Note.—Estimates of present area relate to 1922, of stand of timber and annual growth to 1920 or about that year. These data are necessarily approximate. Annual growth relates to acreage specified as growing area, other areas having no growth in excess of decay]

	Original area (thousand acres)	Present area (thousand acres) [1]					
		Total	Saw timber			Cordwood (growing)	Nonrestocking
			Total	Virgin	Growing		
Total	822,238	469,475	251,916	138,160	113,756	136,359	81,200
New England [2]	38,908	25,708	11,261	2,000	9,261	8,872	5,575
Middle Atlantic [3]	69,610	28,678	11,455	1,896	9,559	10,793	6,430
Lake [4]	103,680	57,100	24,030	10,100	13,930	12,570	20,500
Central [5]	170,560	60,182	31,901	7,600	24,301	26,011	2,270
South Atlantic and East Gulf [6]	170,240	99,000	46,200	18,300	27,900	32,080	20,720
Lower Mississippi [7]	128,400	78,865	41,035	20,835	20,200	24,075	13,755
Rocky Mountain [8]	63,720	60,842	41,059	37,746	3,313	14,533	5,250
Pacific Coast [9]	77,120	59,100	44,975	39,683	5,292	7,425	6,700

	Stand of saw timber (millions of board feet)			Annual growth in growing area		
	Total	Hardwood	Softwood	Saw timber (millions of board feet)	Cordwood (millions of cubic feet)	Total (millions of cubic feet)
Total	2,214,893	459,675	1,755,218	9,672	3,877	5,995
New England [2]	49,799	11,319	38,480	609	341	474
Middle Atlantic [3]	44,857	29,504	15,353	714	342	499
Lake [4]	110,110	69,350	40,760	988	251	468
Central [5]	144,470	133,152	11,318	1,458	587	906
South Atlantic and East Gulf [6]	220,577	83,750	136,827	2,428	1,062	1,594
Lower Mississippi [7]	280,908	132,600	148,308	1,752	600	983
Rocky Mountain [8]	223,141	----------	223,141	461	264	365
Pacific Coast [9]	1,141,031	----------	1,141,031	1,262	430	706

[1] Revised October, 1922.
[2] Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
[3] New York, New Jersey, Pennsylvania, Delaware, and Maryland.
[4] Michigan, Wisconsin, and Minnesota.
[5] Ohio, Indiana, Illinois, West Virginia, Kentucky, Tennessee, Iowa, Missouri, eastern Kansas, and eastern Nebraska.
[6] Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama.
[7] Mississippi, Arkansas, Louisiana, eastern Texas, and eastern Oklahoma.
[8] Idaho, Montana, Wyoming, Colorado, western South Dakota (Black Hills), New Mexico, Arizona, Utah, and Nevada.
[9] California, Oregon, and Washington.

Source: Report of the Forest Service, Department of Agriculture, on Senate Resolution 311.

No. 645.—STAND OF SAW TIMBER (ESTIMATED): About 1920

[Quantities in millions of board feet]

Species	Total	New England	Middle Atlantic	Lake	Central	South Atlantic and East Gulf	Lower Mississippi	Rocky Mountain	Pacific coast
Grand total	2,214,893	49,799	44,857	110,110	144,470	220,577	280,908	223,141	1,141,031
Eastern hardwoods, total	459,675	11,319	29,504	69,350	133,152	83,750	132,600		
Oak	157,372	1,510	5,500	8,301	64,712	27,889	49,460		
Birch, beech, and maple	90,784	8,143	16,897	36,076	20,505	4,522	4,641		
Red gum	44,222		176		3,728	13,400	26,918		
Chestnut	19,319	960	3,754		7,989	6,616			
Hickory	15,784	40	412	187	6,791	3,183	5,171		
Cottonwood and aspen	10,824	374	13	999	2,131	1,340	5,967		
Ash	9,988	215	513	1,893	2,929	1,256	3,182		
Yellow poplar	9,611		126	7	5,193	4,020	265		
Others	101,771	77	2,113	21,887	19,174	21,524	36,996		
Eastern softwoods, total	391,046	38,480	15,353	40,760	11,318	136,827	148,308		
Southern yellow pine	257,691				365	121,442	135,884		
Hemlock	30,896	1,804	5,036	18,301	3,910	1,845			
Spruce and fir	31,572	23,071	2,948	3,772		881			
Cypress	22,921					11,208	11,713		
White and Norway pine	23,457	9,816	4,037	8,000	515	1,089			
Others	24,509	2,889	[1] 3,332	10,687	[1] 6,528	362	711		
Western softwoods, total	1,364,172							223,141	1,141,031
Douglas fir	595,505							36,934	558,571
Western yellow pine and Jeffrey pine	249,578							66,125	183,453
Western hemlock	95,092							1,092	94,000
True firs	91,349							8,870	82,479
Redwood	72,208								72,208
Western white pine and sugar pine	57,071							18,586	38,485
Western red cedar	53,348							4,348	49,000
Lodgepole pine	43,919							39,353	4,566
Spruce	39,822							26,467	13,355
Others	66,280							21,366	44,914

[1] Includes small amounts of spruce, cypress, and various species of yellow pine.

No. 646.—NATIONAL GOVERNMENT FORESTS: Area and Standing Timber

[Note.—Figures include acreage actually acquired under the Weeks law, see Table 648. There were in 1925, 11,196,928 acres of State forests, including Hawaiian forest reserves, State parks, and other forest lands belonging to States; also 697,447 acres of municipal and county forests and parks]

State	Net area (acres) June 30, 1926	Standing timber, Jan. 1, 1926	
		Saw timber (million board feet)	Cordwood (1,000 cords)
Total	158,759,210	552,339	91,142
Total, excl. Alaska	137,416,038	467,579	91,142
Alabama	120,884	124	34
Alaska	21,343,172	84,760	
Arizona	11,316,232	14,385	11,427
Arkansas	968,842	1,799	
California	19,164,573	100,599	24,771
Colorado	13,253,779	22,167	5,694
Florida	342,771	182	1,288
Georgia	238,538	338	455
Idaho	19,086,486	46,993	6,017
Illinois	10,710		
Kentucky	22,660	10	
Maine	32,256	57	
Maryland	4,725	1	6
Michigan	126,762	9	37
Minnesota	991,106	859	6,349
Montana	15,908,330	28,495	
Nebraska	205,946		
Nevada	4,976,558	263	6,613
New Hampshire	408,949	1,027	
New Jersey	6,785	3	(1)
New Mexico	8,481,455	11,187	13,448
New York	15,954	3	(1)
North Carolina	376,032	421	2,727
Oklahoma	61,480		
Oregon	13,216,240	138,266	
Pennsylvania	170,102	17	134
Porto Rico	12,443		
South Carolina	58,101	73	83
South Dakota	1,064,357	2,508	831
Tennessee	296,079	567	719
Utah	7,481,573	5,225	6,670
Virginia	578,509	320	877
Washington	9,688,350	77,155	
West Virginia	222,731	75	148
Wyoming	8,505,740	14,447	2,813

[1] Less than 500 cords.

Source of Tables 645 and 646: Forest Service, Department of Agriculture.

No. 647.—NATIONAL GOVERNMENT FORESTS: AREA OF EACH FOREST, 1926

[NOTE.—Net area is gross area less area of alienated lands]

State and forest	Net area
Aggregate (160 national forests)	*Acres* 158,759,210
Alabama	120,884
Alabama	[1] 105,534
McClellan	15,350
Alaska	21,343,172
Chugach	4,794,079
Tongass	16,549,093
Arizona	11,316,232
Apache [2]	677,272
Coconino	1,716,806
Coronado [2]	1,355,326
Crook	1,428,345
Kaibab	769,894
Prescott	1,164,829
Sitgreaves	671,984
Tonto	2,260,709
Tusayan	1,271,067
Arkansas	968,842
Ouachita	[1] 663,987
Ozark	[1] 304,855
California	19,164,573
Angeles	646,192
California	822,735
Cleveland	380,109
Crater [2]	48,218
Eldorado [2]	551,478
Inyo [2]	1,638,248
Klamath [2]	1,525,257
Lassen	944,292
Modoc	1,470,005
Mono [2]	796,034
Plumas	1,107,947
San Bernardino	597,301
Santa Barbara	1,772,555
Sequoia	1,450,133
Shasta	868,373
Sierra	1,492,617
Siskiyou [2]	329,384
Stanislaus	810,632
Tahoe [2]	502,861
Trinity	1,410,202
Colorado	13,253,779
Arapaho	636,446
Cochetopa	908,787
Colorado	829,414
Grand Mesa	659,264
Gunnison	905,256
Hayden [2]	65,769
Holy Cross	1,124,534
La Sal [2]	26,631
Leadville	927,487
Montezuma	697,333
Pike	1,086,990
Rio Grande	1,135,898
Routt	748,838
San Isabelle	598,936
San Juan	1,239,361
Uncompahgre	777,701
White River	885,134
Florida: Florida	342,771
Georgia	238,538
Benning	78,560
Cherokee [2]	70,196
Nantahala [2]	89,782
Idaho	19,086,486
Boise	1,062,768
Cache [2]	494,449
Caribou [2]	704,054
Challis	1,272,050
Clearwater	787,985
Coeur d'Alene	662,982
Idaho	1,687,915
Idaho—Continued.	*Acres*
Kaniksu [2]	186,984
Lemhi	1,357,705
Minidoka [2]	520,589
Nezperce	1,661,166
Payette	1,307,235
Pend Oreille	673,940
St. Joe	555,618
Salmon	1,708,478
Sawtooth	1,158,259
Selway	1,689,157
Targhee [2]	1,029,527
Weiser	565,625
Illinois: Bellevue-Savanna	10,710
Kentucky: Knox	22,660
Maine: White Mountain [2]	32,256
Maryland: Meade	4,725
Michigan: Michigan	126,762
Minnesota	991,106
Minnesota	190,945
Superior	800,161
Montana	15,908,330
Absaroka	851,046
Beartooth	660,127
Beaverhead	1,339,224
Bitterroot	1,047,071
Blackfeet	836,967
Cabinet	829,311
Custer [2]	517,158
Deerlodge	828,980
Flathead	1,721,478
Gallatin	581,002
Helena	682,322
Jefferson	1,040,395
Kootenai	1,334,978
Lewis and Clark	810,731
Lolo	851,249
Madison	953,456
Missoula	1,022,835
Nebraska: Nebraska	205,946
Nevada	4,976,558
Dixie [2]	56,324
Eldorado [2]	400
Humboldt	1,322,352
Inyo [2]	60,416
Mono [2]	464,502
Nevada	1,175,128
Tahoe [2]	13,853
Toiyabe	1,883,583
New Hampshire: White Mountain [2]	408,949
New Jersey: Dix	6,785
New Mexico	8,481,455
Apache [2]	886,774
Carson	1,067,082
Coronado [2]	124,758
Datil	1,753,051
Gila	1,596,201
Lincoln	1,114,207
Manzano	669,010
Santa Fe	1,270,372
New York	15,954
Pine Plains	9,800
Upton	6,154
North Carolina	376,032
Nantahala [2]	[3] 117,022
Pisgah [2]	[3] 259,010
Oklahoma: Wichita	61,480
Oregon	13,216,240
Cascade	1,023,510
Crater [2]	805,088
Deschutes	1,294,743
Oregon—Continued.	*Acres*
Fremont	849,286
Klamath [2]	8,723
Malheur	1,048,506
Mount Hood	1,059,292
Ochoco	718,154
Santiam	610,918
Siskiyou [2]	1,032,750
Siuslaw	549,850
Umati [2]	919,871
Umpqua	1,014,029
Wallowa	962,014
Whitman	1,319,506
Pennsylvania	170,102
Allegheny	149,232
Tobyhanna	20,870
Porto Rico: Luquillo	12,443
South Carolina	58,101
Jackson	20,225
Nantahala [2]	37,876
South Dakota	1,064,357
Black Hills [2]	481,996
Custer [2]	73,606
Harney	508,755
Tennessee	296,079
Cherokee [2]	165,887
Pisgah [2]	19,247
Unaka [2]	110,945
Utah	7,481,573
Ashley [2]	981,980
Cache [2]	283,442
Dixie [2]	795,530
Fishlake	1,384,742
La Sal [2]	504,291
Manti	724,432
Minidoka [2]	70,155
Powell	1,050,462
Uinta	1,077,292
Wasatch	609,247
Virginia	578,509
Eustis	4,220
Humphreys	3,184
Lee	7,177
Monongahela [2]	10,414
Natural Bridge	152,831
Shenandoah [2]	355,474
Unaka [2]	45,209
Washington	9,688,350
Chelan	1,807,811
Columbia	763,179
Colville	745,781
Kaniksu [2]	257,702
Mount Baker	1,460,665
Olympic	1,530,867
Rainier	1,276,532
Siroqualmie	689,574
Umatilla [2]	313,439
Wenatchee	842,800
West Virginia	222,731
Monongahela [2]	163,911
Shenandoah [2]	58,820
Wyoming	8,505,740
Ashley [2]	6,460
Bighorn	1,125,632
Black Hills [2]	144,416
Caribou [2]	6,315
Hayden [2]	328,124
Medicine Bow	552,174
Shoshone	1,584,027
Targhee [2]	345,570
Teton	1,881,052
Washakie	865,282
Wyoming	1,666,688

[1] Figures include acreage actually acquired under the Weeks law. (See Table 648.)
[2] Forest lies in more than one State.
[3] Figures include acreage transferred from the Treasury Department.

Source: Forest Service, Department of Agriculture.

No. 648.—NATIONAL GOVERNMENT FORESTS: LANDS ACQUIRED OR APPROVED FOR PURCHASE UNDER WEEKS LAW, TO JUNE 30, 1926

State and area	Total area approved for purchase	Area acquired	Area approved but not acquired
	Acres	*Acres*	*Acres*
Grand total	2,709,103	2,388,369	320,734
Alabama: Alabama	92,945	87,785	5,160
Arkansas, total	98,667	64,892	33,775
Ouachita	49,566	38,509	11,057
Ozark	49,101	26,383	22,718
Georgia, total	201,301	159,978	41,323
Cherokee (part)	110,757	70,196	40,561
Nantahala (part)	90,544	89,782	762
Maine: White Mountain (part)	32,892	32,256	636
New Hampshire: White Mountain (part)	431,846	408,949	22,897
North Carolina, total	378,367	364,663	13,704
Cherokee (part)	6,428	----------	6,428
Nantahala (part)	114,246	113,720	526
Pisgah (part)	257,693	250,943	6,750
Pennsylvania: Allegheny	230,204	149,232	80,972
South Carolina: Nantahala (part)	41,738	37,876	3,862
Tennessee, total	373,527	296,079	77,448
Cherokee (part)	200,184	165,887	34,297
Pisgah (part)	31,054	19,247	11,807
Unaka (part)	142,289	110,945	31,344
Virginia, total	585,796	563,928	21,868
Monongahela (part)	10,414	10,414	----------
Natural Bridge	161,558	152,831	8,727
Shenandoah (part)	367,296	355,474	11,822
Unaka (part)	46,528	45,209	1,319
West Virginia, total	241,820	222,731	19,089
Monongahela (part)	179,106	163,911	15,195
Shenandoah (part)	62,714	58,820	3,894

Source: Reports of the National Forest Reservation Commission.

No. 649.—NATIONAL GOVERNMENT FORESTS: OPERATIONS, YEARS ENDED JUNE 30

	1920	1921	1922	1923	1924	1925
Timber sales:						
Number	13,272	[1] 13,690	[1] 12,926	[1] 12,720	[1] 13,382	[1] 12,349
Quantity [2] M ft.[3]	1,326,922	1,276,991	1,878,464	3,146,736	1,333,254	1,771,531
Timber cut under sales do	806,131	[1] 687,922	[1] 876,973	[1] 1,055,085	[1] 1,093,278	[1] 1,183,167
Free timber given:						
Number of users	37,336	[1] 40,535	[1] 37,158	[1] 34,032	[1] 35,568	[1] 32,695
Timber cut M ft.[3]	88,060	123,245	89,510	96,985	89,367	78,348
Value dolls	113,000	117,054	98,843	97,934	93,900	81,902
Grazing, kinds of stock: [4]						
Cattle No	2,033,800	[1] 1,999,680	[1] 1,882,491	[1] 1,804,274	[1] 1,664,087	[1] 1,538,942
Goats do	53,685	43,574	36,153	31,379	29,068	19,795
Hogs do	4,066	2,453	2,149	1,347	1,560	846
Horses do	83,015	78,115	67,856	64,104	58,184	57,904
Sheep do	7,271,136	6,936,377	6,497,912	6,377,759	6,301,308	6,162,263
Revenue, total dolls	**4,793,482**	**4,151,931**	**3,421,531**	**5,335,818**	**5,251,903**	**5,000,137**
From—						
Timber [5] do	2,044,600	1,769,943	1,813,171	2,721,876	3,036,396	2,940,393
Water power do	89,838	85,069	99,657	73,174	82,916	95,287
Special uses do	149,142	158,296	175,182	187,501	207,637	229,236
Grazing do	2,486,040	2,132,075	1,315,975	2,341,486	1,915,561	1,725,377
All other do	23,862	6,548	17,546	11,781	9,393	9,844

[1] Calendar year.
[2] Amount sold is to be cut during a period of years, hence greater than amount cut in any one year.
[3] Board measure.
[4] Prior to 1922, number for which permits were granted; thereafter, number actually grazed.
[5] Includes receipts from timber and turpentine sales, timber settlement and trespass.

Source: Reports of the Forest Service, Department of Agriculture.

No. 650.—FOREST FIRES: NUMBER, AREA, DAMAGE, AND CAUSES

[NOTE.—Largely based on official national State records covering in most States all forest areas; in others, specially protected areas only; for certain States, estimates of volunteer reporters only]

Group	Number of fires		Area burned (thousands of acres)				Damage (thousands of dollars)			
			Forest land		Other land		To timber		Other	
	1916–1924 [1]	1925	1916–1924 [1]	1925	1916–1924 [1]	1925	1916–1924 [1]	1925	1916–1924 [1]	1925
Total	47,147	35,762	10,514	24,018	4,126	2,501	14,495	23,952	5,650	4,102
Northeastern:										
Softwoods	1,403	1,497	46	36	24	8	233	100	31	25
Hardwoods	4,221	5,426	112	126	32	30	535	809	72	75
Appalachian	3,738	5,087	423	417	112	31	1,159	1,211	165	275
Southeastern	17,548	33,610	6,226	11,785	1,690	1,814	6,423	13,447	1,017	1,735
East Mississippi	2,099	3,780	326	447	103	34	563	965	104	275
West Mississippi	7,698	19,776	2,278	9,589	1,132	191	2,346	4,338	347	568
Lake States	1,967	5,811	497	1,237	265	182	1,109	1,662	3,061	537
Prairie	78	65	1	(2)	5	(2)	2	1	3	--------
Rocky Mountain:										
Northern	2,306	2,904	223	96	75	29	871	702	28	12
Southern	855	1,069	33	25	12	10	23	25	(2)	15
Pacific	5,234	6,737	350	259	676	171	1,230	693	822	586

Number of fires by causes	1916–1924 [1]	1925
Northeastern (Me., N. H., Vt., N. Y., Mass., R. I., Conn., N. J.)	7,969	6,923
Lightning	44	36
Railroads	2,190	1,710
Camp fires	359	179
Smokers	1,622	1,290
Brush burning	839	1,020
Incendiary	162	169
Lumbering	48	27
Miscellaneous	990	705
Unknown	1,715	1,787
Appalachian (Pa., Del., Md., Va., W. Va.)	3,778	5,087
Lightning	31	114
Railroads	856	998
Camp fires	294	290
Smokers	789	852
Brush burning	321	792
Incendiary	301	550
Lumbering	262	290
Miscellaneous	290	373
Unknown	634	828
Southeastern (N. C., S. C., Ga., Fla., Ala., Miss.)	39,496	33,810
Lightning	705	249
Railroads	2,781	3,297
Camp fires	2,015	1,620
Smokers	3,749	3,434
Brush burning	9,786	7,574
Incendiary	10,539	7,277
Lumbering	3,129	2,666
Miscellaneous	2,739	2,793
Unknown	4,053	4,700
East Mississippi (Ohio, Ind., Ill., Ky., Tenn.)	3,530	211
Lightning	101	--------
Railroads	422	29
Camp fires	604	20
Smokers	448	14
Brush burning	511	58
Incendiary	878	22
Lumbering	98	1
Miscellaneous	286	8
Unknown	182	59
West Mississippi (Mo., Ark., Okla., La., Tex.)	21,815	4,185
Lightning	423	31
West Mississippi—Continued.		
Railroads	1,090	77
Camp fires	2,530	110
Smokers	3,273	295
Brush burning	2,696	691
Incendiary	7,904	2,903
Lumbering	1,317	36
Miscellaneous	1,601	42
Unknown	981	--------
Lake States (Mich., Wis., Minn.)	3,307	5,811
Lightning	17	65
Railroads	555	1,004
Camp fires	479	515
Smokers	656	696
Brush burning	860	926
Incendiary	57	209
Lumbering	67	51
Miscellaneous	258	566
Unknown	358	1,779
Prairie (Iowa, N. Dak., S. Dak., Nebr., Kans.)	97	65
Lightning	51	39
Miscellaneous	46	25
Unknown	--------	1
Rocky Mountain (Mont., Idaho, Wyo., Colo., Ariz., N. Mex., Nev., Utah)	4,036	3,973
Lightning	1,741	2,836
Railroads	245	140
Camp fires	526	309
Smokers	684	332
Brush burning	250	105
Incendiary	204	40
Lumbering	136	86
Miscellaneous	156	63
Unknown	94	62
Pacific (Wash., Oreg., Calif.)	7,893	6,737
Lightning	2,323	3,028
Railroads	290	217
Camp fires	1,144	714
Smokers	1,609	861
Brush burning	616	358
Incendiary	789	437
Lumbering	326	348
Miscellaneous	736	323
Unknown	60	451

[1] Annual average.

[2] Less than 500.

Source: Forest Service, Department of Agriculture.

No. 651.—LUMBER PRODUCTION: Total and by Species

[Note.—In the data designated as "Reported production" there are considerable variations in the comprehensiveness of the returns. For 1889 and 1904 custom mills are excluded and beginning with 1910 in each year except 1919 custom mills and mills cutting less than 50,000 board feet are excluded. Custom mills are much less important in recent years than formerly. Apart from the specific exclusions mentioned there are other variations in the completeness of the returns]

[All figures in millions of board feet]

Year (calendar)	Reported production			Estimated total cut	Year (calendar)	Reported production			Estimated total cut
	Total	Hardwood	Softwood			Total	Hardwood	Softwood	
1869	12,756			(1)	1913	38,387	8,084	30,303	44,000
1879	18,091			(1)	1914	37,346	7,939	29,407	40,500
1889	23,842			(1)	1915	37,012	7,527	29,485	38,000
1899	[2]34,787	8,634	26,153	35,084	1916	39,807	8,475	31,332	40,000
1904	34,135	6,782	27,353	43,000	1917	35,831	6,657	29,174	36,000
1905	30,503	5,588	24,915	43,500	1918	31,890	6,223	25,667	32,000
1906	37,551	7,315	30,236	46,000	1919	34,552	7,145	27,407	34,552
1907	40,256	9,255	31,001	46,000	1920	33,799	6,989	26,810	33,799
1908	33,224	7,678	25,546	42,000	1921	26,961	4,775	22,186	30,500
1909	44,510	10,613	33,897	44,510	1922	31,569	4,925	26,644	35,000
1910	40,018	8,857	31,161	44,500	1923	37,166	6,262	30,904	39,000
1911	37,003	8,101	28,902	43,000	1924	35,931	6,525	29,406	37,000
1912	39,158	8,632	30,526	45,000	1925	38,339	6,628	31,710	39,000

Species	Reported production by species							
	1899	1909	1914	1919	1922	1923	1924	1925
Softwoods:								
Yellow pine	9,659	16,277	14,473	13,063	11,501	12,949	12,487	13,236
Douglas fir	1,737	4,856	4,764	5,902	6,831	8,223	7,462	8,154
White pine	7,742	3,900	2,633	1,724	1,383	1,572	1,531	1,521
Hemlock	3,421	3,051	2,166	1,755	1,535	1,873	1,879	2,140
Western yellow pine	945	1,500	1,327	1,755	2,081	2,805	2,603	3,127
Spruce	1,448	1,749	1,246	980	731	758	717	751
Cypress	496	956	1,013	656	869	819	877	903
Redwood	360	522	535	410	566	592	604	511
Cedar	233	346	500	332	334	365	330	372
Larch	51	421	359	388	274	351	306	307
White fir		89	113	223	298	330	319	337
Sugar pine	54	97	136	134	194	228	246	307
Balsam fir		109	125	68	33	19	22	20
Lodge pole pine		24	18	16	14	16	23	25
All other softwood	9					4		
Hardwoods:								
Oak	4,438	4,414	3,279	2,708	1,605	2,028	2,077	2,129
Maple	633	1,107	910	857	640	842	857	921
Red gum	285	707	675	851	808	1,016	1,071	1,101
Yellow poplar	1,115	858	519	329	274	353	351	376
Chestnut	207	664	541	546	311	350	313	308
Birch	133	452	431	375	263	351	382	412
Beech		511	376	359	163	191	194	181
Basswood	308	399	265	184	134	173	200	180
Elm	457	347	214	194	143	206	209	191
Cottonwood	415	266	195	144	114	158	167	142
Ash	269	291	189	155	131	149	183	179
Hickory	97	334	116	170	57	96	86	79
Tupelo		97	124	144	159	175	235	220
Walnut	39	46	26	39	39	49	68	70
Sycamore	30	57	23	28	18	25	28	24
All other hardwood	209	63	56	61		100	104	115
Unspecified hard and soft woods					66			

[1] Not available.

[2] Excludes items reported in M feet b. m. under "Other sawed products." (For total including these items, see Table 652.)

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture. Estimated total cut for certain years based on National Lumber Manufacturers' Association data.

No. 652.—LUMBER: Reported Production by Regions and States

[Note.—See headnote, Table 651]

[In millions of board feet]

	1889	1899	1909	1914	1919	1922	1923	1924	1925
United States	23,842	35,078	44,510	37,346	34,552	31,569	37,166	35,931	38,339
Northeastern	4,736	5,709	5,197	3,553	2,584	1,423	1,632	1,619	1,507
Maine	597	785	1,112	993	596	362	376	370	330
New Hampshire	277	572	650	483	339	181	255	265	261
Vermont	384	376	352	250	218	96	120	127	126
Massachusetts	212	344	361	143	167	95	128	130	109
Connecticut	49	108	168	82	87	53	59	48	42
New York	925	878	681	486	358	222	236	238	198
New Jersey	34	74	62	49	37	10	14	12	10
Pennsylvania	2,133	2,333	1,463	865	630	333	361	343	331
Maryland	82	184	268	162	113	54	63	68	89
Rhode Island	8	19	25	16	11	3	4	4	4
Delaware	23	36	55	26	27	14	16	14	7
Central	3,130	5,643	5,487	3,621	3,016	1,762	2,045	2,037	1,969
Ohio	565	990	543	286	280	137	152	155	141
Indiana	755	1,037	556	299	282	149	189	193	179
Illinois	222	388	170	66	65	24	28	33	30
Missouri	402	724	660	371	321	202	179	189	187
West Virginia	302	778	1,473	1,118	763	554	640	614	583
Kentucky	423	775	861	596	512	210	196	194	207
Tennessee	460	951	1,224	885	792	486	661	659	642
Lake States	8,251	8,750	5,476	3,918	2,692	1,944	2,392	2,338	2,445
Michigan	4,300	3,018	1,890	1,214	876	657	833	794	797
Minnesota	1,084	2,342	1,562	1,312	700	512	552	528	579
Wisconsin	2,866	3,389	2,025	1,391	1,116	776	1,070	1,016	1,069
North Carolina Pine States	1,129	2,712	5,177	4,417	3,374	2,408	2,937	2,646	2,730
Virginia	416	959	2,102	1,488	1,098	617	771	696	709
North Carolina	515	1,287	2,178	2,228	1,654	936	1,096	1,072	1,041
South Carolina	199	466	898	702	622	855	1,070	878	980
Southern States	3,718	8,404	14,796	13,384	12,704	11,975	13,524	13,593	14,418
Georgia	575	1,312	1,342	1,026	894	809	1,149	1,207	1,365
Florida	412	790	1,202	1,074	1,137	980	1,110	1,089	1,064
Alabama	589	1,101	1,691	1,495	1,799	1,458	1,787	1,873	2,236
Mississippi	454	1,206	2,573	2,281	2,390	2,268	2,691	2,807	3,128
Arkansas	538	1,624	2,111	1,797	1,772	1,382	1,538	1,536	1,597
Louisiana	304	1,115	3,552	3,956	3,164	3,386	3,554	3,397	3,293
Texas	843	1,232	2,099	1,554	1,380	1,543	1,559	1,529	1,578
Oklahoma	3	22	226	201	168	149	136	155	157
Rocky Mountain States	249	556	1,292	1,340	1,299	1,430	1,811	1,700	1,920
Montana	90	256	308	318	287	303	427	350	389
Idaho	28	65	646	764	765	858	1,073	1,018	1,140
Arizona	5	36	63	79	74	89	131	143	146
New Mexico	26	31	92	57	87	126	126	125	152
Colorado	80	134	142	102	65	39	38	42	71
Utah	14	18	13	9	12	7	8	7	6
Wyoming	6	17	29	12	9	8	8	15	16
Pacific States	2,028	[1] 2,902	6,906	7,067	8,798	10,581	[1] 12,762	[1] 11,929	13,287
Washington	1,064	1,429	3,863	3,946	4,961	5,836	6,678	6,267	7,027
Oregon	446	735	1,899	1,818	2,577	3,024	3,966	3,666	4,217
California	518	737	1,114	1,303	1,259	1,721	[2] 2,118	[2] 1,996	2,043
All other [3]	612	401	179	46	85	45	63	69	63
Iowa	569	352	132	11	18	6	10	12	10
PERCENTAGE DISTRIBUTION									
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeastern States	19.8	16.3	11.7	9.5	7.5	4.5	4.4	4.5	3.9
Central States	13.1	16.1	12.3	9.7	8.7	5.6	5.5	5.7	5.1
Lake States	34.6	24.9	12.3	10.5	7.8	6.2	6.4	6.5	6.4
North Carolina Pine States	4.7	7.7	11.6	11.8	9.8	7.6	7.9	7.4	7.1
Southern States	15.6	24.0	33.3	35.8	36.8	37.9	36.4	37.8	37.6
Rocky Mountain States	1.1	1.6	2.9	3.6	3.7	4.6	4.9	4.7	5.0
Pacific States	8.5	8.3	15.5	18.9	25.4	33.5	34.3	33.2	34.7
All other	2.6	1.1	.4	.1	.2	.1	.2	.2	.2

[1] Total includes Nevada.
[2] Includes Nevada.
[3] Includes, besides Iowa, the plains States of Kansas, Nebraska, North and South Dakota, and in certain years small figures for the District of Columbia and Nevada.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 653.—ESTIMATED QUANTITY OF TIMBER REMOVED ANNUALLY FROM FORESTS

[NOTE.—Quantities are based mainly upon averages of production within the period 1912–1921. Values are based on prices prevailing in 1919 and include all value added to the material by cutting, transporting, manufacturing, or otherwise preparing for use]

Product and waste	Unit of measure	Quantity in thousands	Approximate value or cost	Equivalent in lumber which could have been sawed from same trees		
				Total (M feet, b. m.)	Softwoods (M feet, b. m.)	Hardwoods (M feet, b. m.)
Aggregate			$2,254,015,000	60,193,700	41,057,780	19,135,920
Products, total			2,232,015,000	52,943,700	35,307,780	17,635,920
Lumber, dimension material and sawed ties.	Foot, b. m.	37,700,000	1,138,917,000	37,700,000	28,275,000	9,425,000
Fuel wood	Cord	100,000	475,000,000	5,000,000	1,500,000	3,500,000
Pulpwood	do	5,000	79,750,000	2,340,000	2,145,000	195,000
Ties, hewed	Number	70,000	73,500,000	2,100,000	420,000	1,680,000
Cooperage stock:						
Tight staves	do	350,000	19,250,000	532,000	133,000	399,000
Tight heading	Set	24,000	12,000,000	178,000	36,200	141,800
Slack staves	Number	1,200,000	18,000,000	362,000	121,600	240,400
Slack heading	Set	90,000	10,800,000	333,000	166,500	166,500
Hoops	Number	120,000	1,800,000	21,500		21,500
Shingles	do	9,000,000	37,710,000	900,000	900,000	
Mine timbers	Cubic foot	293,000	56,913,000	879,000	439,500	439,500
Fence posts	Number	900,000	225,000,000	825,000	660,000	165,000
Veneer logs	Foot, l. s.	576,000	25,079,000	691,200	103,680	587,520
Poles	Number	4,250	10,625,000	255,000	200,000	55,000
Vehicle stock, woodenware, handles, furniture, etc.	Board foot.	200,000	7,288,000	200,000	2,300	197,700
Distillation wood	Cord	1,400	9,268,000	185,000		185,000
Piling	Number	1,500	6,000,000	180,000	140,000	40,000
Export logs and hewn timbers	Board foot.	100,000	3,445,000	100,000	50,000	50,000
Tanning extract wood	Cord	1,000	10,250,000	87,000		87,000
Excelsior wood	do	200,000	1,800,000	75,000	15,000	60,000
Lath	Number	2,000,000	9,620,000			
Destroyed by fire	Cubic foot	1,080,000	10,000,000	2,250,000	1,750,000	500,000
Destroyed by insects, disease, and windfall.	do	1,300,000	12,000,000	5,000,000	4,000,000	1,000,000

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 654.—LUMBER: COMPOSITE PRICES

[NOTE.—The prices represent a combined weighted average for the respective species of lumber, based on quotations on various grades for each species, and the species weighted according to annual production. The softwood index is based upon seven species: Yellow pine, Douglas fir, North Carolina pine, white pine, hemlock, spruce, and cypress. The hardwood index is based upon 13 species: Maple, birch, beech, basswood, elm, oak, gum, ash, cottonwood, chestnut, poplar, hickory, and walnut]

[Dollars per 1,000 board feet]

Month	Softwoods					Hardwoods				
	1922	1923	1924	1925	1926	1922	1923	1924	1925	1926
Year	$30.79	$33.86	$30.95	$30.71	$30.67	$40.33	$46.72	$43.11	$41.80	$41.56
January	27.67	34.51	31.98	31.44	30.79	38.69	46.18	43.71	43.49	42.60
February	27.97	35.53	32.97	31.68	31.32	38.69	48.30	44.14	44.23	43.79
March	27.62	36.56	32.44	31.63	31.44	38.36	49.18	44.46	43.78	43.00
April	27.80	36.94	32.28	31.41	31.48	37.98	50.28	44.60	42.92	41.96
May	29.75	36.47	31.34	30.84	31.46	37.91	49.78	44.67	41.43	41.70
June	30.77	35.10	29.97	29.93	30.22	39.50	48.42	42.53	40.94	41.61
July	30.75	33.23	29.31	29.85	30.21	40.72	47.05	42.12	40.22	39.95
August	32.17	31.84	29.82	30.15	29.93	40.96	45.35	41.77	40.16	39.95
September	33.79	31.39	30.27	30.35	29.90	40.99	44.58	41.90	40.58	40.96
October	33.06	31.69	29.79	30.35	30.28	42.24	44.37	42.19	40.54	40.93
November	33.75	31.56	30.21	30.59	29.98	43.19	43.68	42.59	41.67	41.16
December	34.32	31.48	30.96	30.34	29.78	44.74	43.46	42.63	41.69	41.15

Source: Bureau of the Census, Department of Commerce, compiled from weekly data published in the Lumber Manufacturer and Dealer.

No. 655.—LUMBER: Average Mill Value per 1,000 Board Feet

Kind of wood	1899	1904	1907	1909	1911	1917	1919	1920	1921	1922	1923	1924	1925
All kinds[1]	$11.13	$12.76	$16.56	$15.38	$15.05	$20.32	$30.21	$33.42	$23.47	$26.15	$31.78	$28.57	$28.02
SOFTWOODS													
Balsam fir	(2)	(2)	16.16	13.99	13.42	20.02	32.23	34.33	25.71	25.05	27.62	27.66	26.65
Cedar	10.91	14.35	19.14	19.95	13.36	19.40	33.80	38.68	38.55	29.19	37.56	38.74	38.80
Cypress	13.32	17.50	22.12	20.46	20.54	23.92	38.38	51.02	36.88	40.05	44.61	42.08	40.90
Douglas fir	8.67	9.51	14.12	12.44	11.65	16.28	24.62	34.59	18.04	20.93	26.99	22.08	20.94
Hemlock	9.98	11.91	15.53	13.95	13.59	20.78	29.10	32.05	20.79	21.83	26.21	23.35	21.58
Larch (tamarack)	8.73	11.39	13.99	12.68	11.87	16.21	23.39	30.28	15.56	18.54	21.98	20.82	18.25
Lodgepole pine	(2)	(2)	(2)	16.25	12.41	18.34	29.98	30.58	21.81	19.07	21.76	21.07	20.22
Redwood	10.12	12.83	17.70	14.80	13.99	21.00	30.04	46.90	40.57	35.72	43.08	35.90	33.99
Spruce	11.27	14.03	17.26	16.91	16.14	24.41	30.76	38.94	25.73	25.47	31.44	30.18	27.98
Sugar pine	12.30	(2)	19.84	18.14	17.52	24.69	35.99	48.76	37.83	43.78	45.33	40.54	44.79
Yellow pine	8.46	9.96	14.02	12.69	13.87	19.00	28.71	35.89	19.42	23.66	29.82	26.55	26.46
Western yellow pine	9.70	11.30	15.67	15.39	13.62	19.59	27.75	38.73	26.95	27.75	33.09	27.73	27.70
White fir	(2)	(2)	15.54	13.10	10.64	17.16	25.66	30.44	21.37	19.97	23.84	21.69	22.51
White pine	12.69	14.93	19.41	18.16	18.54	24.81	32.83	41.49	30.03	36.37	34.85	32.66	32.58
HARDWOODS													
Ash	15.84	18.77	25.01	24.44	21.21	30.01	52.69	61.28	38.18	42.43	50.35	49.54	48.46
Basswood	12.84	16.86	20.03	19.50	19.20	25.96	40.03	54.28	33.09	35.67	45.60	41.94	39.76
Beech	(2)	(2)	14.30	13.25	14.09	19.58	29.98	36.51	26.99	26.84	30.22	29.95	29.21
Birch	12.50	15.44	17.37	16.95	16.61	24.07	35.79	53.44	31.53	35.84	43.33	43.83	41.68
Chestnut	13.37	13.78	17.04	16.12	16.63	21.54	32.30	42.48	27.87	29.29	29.75	25.07	30.37
Cottonwood	10.37	14.92	18.42	18.05	18.12	23.19	32.24	33.38	25.05	26.95	30.19	29.43	26.70
Elm	11.47	14.45	18.45	17.52	17.13	23.89	36.39	47.23	29.63	33.28	43.53	38.63	36.41
Gum, red and sap	9.63	10.87	14.10	13.20	12.11	19.56	32.68	35.24	22.46	27.07	32.35	30.24	31.39
Hickory	18.78	23.94	29.50	30.80	22.47	29.48	44.37	52.57	36.60	36.20	46.39	52.24	39.25
Maple	11.83	14.94	16.84	15.77	15.49	23.16	35.56	50.16	30.34	33.52	41.59	40.36	39.18
Oak	13.78	17.51	21.23	20.50	19.14	24.49	37.87	46.88	30.56	34.01	39.08	36.13	37.00
Sycamore	11.04	(2)	14.58	14.87	13.16	18.68	30.32	32.12	22.55	25.29	30.25	29.31	31.11
Tupelo	(2)	(2)	14.48	11.87	12.46	18.06	28.42	33.68	18.59	22.86	24.90	25.86	24.66
Yellow poplar	14.03	18.99	24.91	25.39	25.46	27.17	41.65	58.87	37.31	39.18	51.29	44.38	43.44
Walnut	36.49	45.64	43.31	43.79	31.70	72.99	72.13	88.92	88.83	80.08	109.38	103.66	111.53

[1] Including minor species. [2] No data.

Sources: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 656.—VENEERS: Timber Consumed in Manufacturing Veneers

[In thousands of feet, log scale]

State	1909	1923	1925	Kind of wood	1909	1923	1925
Total	435,981	645,793	734,999	*Domestic*			
Alabama	14,565	43,214	38,561	Basswood	13,715	8,771	9,413
Arkansas	26,116	64,117	58,122	Birch	24,643	43,936	51,490
Florida	33,293	49,016	29,999	Cottonwood	30,842	40,404	39,869
Illinois	35,646	13,722	11,967	Douglas fir	1,111	55,123	101,869
Kentucky	19,356	25,020	23,309	Elm	16,254	9,570	8,503
Louisiana	3,164	23,728	34,395	Maple	35,444	23,310	23,922
Mississippi	7,563	45,496	57,268	Red gum	129,930	220,703	237,465
New York	24,218	16,382	24,095	Tupelo	18,476	36,396	48,311
North Carolina	19,984	53,196	64,640	Walnut	2,400	15,452	17,573
Oregon	3,291	26,369	29,793	White oak	28,742	12,940	20,661
South Carolina	2,944	20,783	29,669	Yellow pine	48,143	65,100	45,818
Tennessee	30,574	30,983	40,454	Yellow poplar	28,826	45,376	50,770
Virginia	21,609	21,179	26,416	All other	32,905	58,373	65,201
Washington	5,419	53,510	112,484	*Imported*			
Wisconsin	31,737	37,513	34,292	Mahogany	16,057	6,664	7,471
All other	156,502	121,565	119,535	Spanish cedar	5,140	2,714	5,149
				All other	3,353	961	1,114

Source: Bureau of the Census, Department of Commerce.

No. 657.—LATH AND SHINGLES: PRODUCTION

[All figures in thousands of lath or shingles]

Year (calendar)	Lath	Shingles	Year (calendar)	Lath	Shingles
United States:			United States—Contd.		
1899	2,523,998	12,102,017	1918	1,362,187	5,690,182
1904	2,647,847	14,546,551	1919	1,724,078	9,192,704
1910	3,494,718	12,976,362	1920	1,952,983	6,156,416
1911	2,971,110	12,113,867	1921	1,970,696	6,843,187
1912	2,719,163	12,037,685	1922	2,940,714	8,131,242
1915	2,745,134	8,459,378	1923	3,328,013	7,506,869
1916	2,754,683	9,371,333	1924	2,961,200	6,862,385
1917	2,281,738	8,696,513	1925	3,161,137	7,324,027

States	Lath				Shingles			
	1909	1919	1924	1925	1909	1919	1924	1925
Alabama	50,979	42,502	51,489	44,582	245,871	62,241	26,655	16,983
Arkansas	78,362	72,827	104,360	58,317	208,080	98,937	21,180	21,478
California	32,615	43,042	[1] 98,988	146,412	574,342	191,831	119,282	143,384
Florida	55,741	76,402	159,004	147,867	283,206	128,286	48,849	47,130
Georgia	58,704	19,718	34,551	22,186	443,260	114,806	26,884	18,762
Idaho	86,740	69,150	127,990	134,340	62,308	22,657	5,000	15,836
Louisiana	377,708	199,018	330,524	320,443	757,868	300,784	149,683	111,887
Maine	337,086	104,223	142,370	184,533	598,131	188,576	111,531	91,264
Michigan	218,308	51,460	77,457	71,360	891,649	144,173	102,211	88,053
Minnesota	478,008	115,741	210,909	317,149	74,818	4,451	100	330
Mississippi	90,926	96,204	175,834	170,961	151,303	34,002	41,516	23,841
Montana	35,430	21,362	37,322	32,109	525	253	90	2,760
North Carolina	70,724	19,079	25,055	11,661	280,942	92,139	35,504	29,417
Oregon	161,512	122,848	344,051	360,438	293,644	530,066	320,343	442,628
Texas	59,627	35,916	72,510	60,107	137,719	13,581	2,758	1,038
Virginia	127,555	27,073	25,146	27,073	39,172	1,637	128	58
Washington	451,384	339,058	646,299	766,591	8,879,467	7,095,122	5,762,174	6,196,650
West Virginia	150,820	22,005	51,602	33,810	6,829	120	----------	----------
Wisconsin	299,845	138,936	126,138	142,764	392,863	96,928	64,232	54,440
All other	481,121	107,505	119,601	108,434	585,374	72,114	24,265	18,088

[1] Includes Nevada.

No. 658.—COOPERAGE STOCK: PRODUCTION OF STAVES, HEADING, AND HOOPS

[NOTE.—Production of wooden hoops in 1923 was 153,954,000 and in 1925, 149,167,000, nearly all elm]

Year and State	Staves (thousands)		Heading (thousand sets)	
	Tight	Slack	Tight	Slack
Total: 1909	379,231	2,029,548	20,691	140,234
1919	353,825	1,121,324	24,274	87,381
1921	255,047	893,621	20,505	66,747
1923	222,507	893,682	19,342	80,477
1925	240,023	937,597	23,052	71,371
1925				
Alabama	12,605	48,722	242	19,471
Arkansas	46,459	245,693	5,647	--------
Florida	(1)	16,734	(1)	906
Georgia	4,540	11,490	578	7,279
Louisiana	21,044	53,845	1,356	5,383
Maine	--------	12,029	(1)	251
Massachusetts	(1)	5,219	(1)	614
Mississippi	8,892	54,686	418	--------
Missouri	(1)	115,822	(1)	4,316
New Hampshire	18,888	1,442	1,180	1,048
North Carolina	--------	56,729	--------	4,175
Tennessee	18,334	37,074	4,028	1,010
Virginia	(1)	112,321	--------	1,987
Washington	54,271	--------	4,835	--------
All other	54,990	165,791	4,768	24,931

Kind of wood	Staves (thousands)		Heading (thousand sets)	
	Sawed tight [2]	Slack	Tight	Slack
1925				
Total	240,023	937,597	23,052	71,371
White oak	59,322	9,044	6,745	--------
Red oak	41,608		3,940	--------
Gum	17,176	342,434	1,712	12,050
Pine	22,899	212,416	1,681	31,867
Douglas fir	39,807	52,148	2,693	1,466
Hemlock	(1)	--------	403	--------
Ash	4,499	47,423	786	4,441
Elm	(1)	101,011	--------	706
Tupelo	--------	31,529	--------	976
Cottonwood	--------	59,730	--------	4,480
Birch	--------	8,798	--------	4,424
Beech	--------	--------	--------	2,803
Spruce	52,994	15,759	4,841	1,814
Maple	--------	--------	--------	1,367
Poplar	--------	12,289	--------	--------
Basswood	--------	--------	--------	2,930
All other	1,718	45,016	251	2,047

[1] Included in "All other."
[2] Classification by kind of wood applies only to sawed tight staves, which, however, are over 99 per cent of all tight staves.

Sources of Tables 657 and 658: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 659.—PULPWOOD: Consumption by Mills, and Mill Cost

[Note.—Figures include both domestic and imported wood. The cost is f. o. b. pulp mill]

Year	Quantity, all species (cords)	Cost: Total (thousand dollars)	Cost: Average per cord	Year	Quantity, all species (cords)	Cost: Total (thousand dollars)	Cost: Average per cord	Year	Quantity, all species (cords)	Cost: Total (thousand dollars)	Cost: Average per cord
1899	1,986,310	9,838	$4.95	1914	4,470,763	39,408	$8.81	1921	4,557,179	91,589	$20.10
1905	3,192,123	17,736	5.56	1916	5,228,558	[1] 45,786	8.76	1922	5,548,842	89,895	16.20
1908	3,346,953	28,047	8.38	1917	5,480,075	60,815	11.10	1923	5,872,870	95,306	16.23
1909	4,001,607	34,478	8.62	1918	5,250,794	73,167	13.93	1924	5,768,082	92,672	16.07
1910	4,094,306	-------	-------	1919	5,447,832	87,386	15.95	1925	6,093,821	94,340	15.48
1911	4,328,052	-------	-------	1920	6,114,072	116,496	19.03				

Kind of wood	Total consumption (cords): 1909	1919	1924	1925	Consumption by processes, 1925 (cords): Mechanical	Sulphite	Soda	Sulphate	Avg. cost per cord 1925
Total	4,001,607	5,477,832	5,768,082	6,093,821	1,571,105	2,848,047	864,787	809,882	$15.48
Spruce:									
Domestic	1,653,249	2,313,419	2,079,182	2,253,219	1,022,836	1,162,106	-------	68,277	17.87
Imported	768,332	873,795	890,523	818,143	336,093	455,055	10,303	16,692	20.62
Hemlock:									
Domestic	559,657	795,154	965,359	1,013,109	67,545	872,601	-------	72,963	11.85
Imported				21,705	2,242	19,463	-------	-------	17.37
Yellow pine	90,885	234,463	427,961	531,157	4,925	8,403	104,417	413,412	8.82
Poplar:									
Domestic	302,876	180,160	218,036	206,982	7,537	6,319	193,126	-------	14.88
Imported	25,622	158,220	157,368	195,938	50	-------	195,888	-------	17.68
Balsam fir:									
Domestic	95,366	288,814	313,018	214,600	54,423	106,427	-------	53,750	14.26
Imported				52,590	22,558	29,932	-------	-------	20.71
Yellow poplar	(1)	72,605	128,037	145,871	938	-------	144,933	-------	13.83
Jack pine	(2)	51,581	75,775	102,040	7,050	-------	12,355	82,635	11.04
White fir	37,176	31,138	93,296	84,305	35,769	48,536	-------	-------	10.71
Tamarack or larch	(3)	44,042	74,659	76,585	1,093	1,467	3,981	70,044	11.79
Gum	(3)	30,355	37,462	43,386	274	-------	43,112	-------	14.70
All other	219,467	229,005	188,446	177,975	2,576	255	154,337	20,807	12.37
Slabs and other mill waste	248,977	175,081	118,960	156,216	5,096	137,483	2,335	11,302	10.60

[1] Included in domestic poplar. [2] Included in yellow pine. [3] Included in "All other."

No. 660.—WOOD PULP PRODUCTION: Total and by States and Processes

[Note.—In 1925, 1,540,831 tons of mechanical pulp were not steamed and 71,188 tons steamed; of the chemical pulp (sulphite, soda, and sulphate) 1,205,018 tons were unbleached and 1,080,483 were bleached. Blank spaces indicate figures not reported separately]

Year	Tons	Year	Tons	Year	Tons	Year	Tons
1899	1,179,525	1917	3,509,939	1920	3,821,704	1923 [1]	3,788,672
1904	1,921,768	1918	3,313,861	1921 [1]	2,875,601	1924	3,723,266
1909	2,495,523	1919 [1]	3,517,952	1922	3,521,644	1925 [1]	3,962,217
1914 [1]	2,893,150						

	1909	1919	1921	1922	1923	1924	1925
Principal States:							
Maine	620,705	916,764	710,329	862,672	901,007	895,451	917,632
New York	679,534	811,958	606,869	675,325	760,199	755,156	770,777
Wisconsin	-------	506,549	488,501	564,696	577,993	609,081	599,601
Pennsylvania	-------	215,686	167,310	217,115	236,900	216,862	224,399
New Hampshire	-------	232,134	152,797	179,135	188,323	151,863	217,489
Michigan	-------	106,194	103,532	148,912	138,034	145,565	161,063
Minnesota	-------	129,560	117,934	162,220	170,609	141,165	171,536
Washington	-------	83,575	95,161	102,349	136,943	159,539	161,858
West Virginia	-------	39,195	27,623	19,051	23,072	27,703	27,167
Vermont	-------	85,945	41,945	54,668	70,840	45,587	46,597
California and Oregon	-------	123,990	124,494	156,218	162,653	149,894	160,736
All other	1,195,284	266,402	239,106	379,283	422,099	425,400	503,362
Processes:							
Mechanical	1,179,266	1,518,829	1,267,382	1,483,787	1,580,553	1,643,283	1,612,019
Sulphite	1,017,631	1,419,829	1,166,925	1,374,319	1,448,690	1,336,551	1,403,086
Soda	298,626	411,693	300,533	419,857	445,162	440,697	472,647
Sulphate	-------	120,378	140,760	243,681	314,267	302,735	409,768

[1] Total includes screenings.

Sources of Tables 659 and 660: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

No. 661.—PAPER AND WOOD PULP: Census Statistics of Production

[Note.—The total value of products involves duplication due to the use of pulp produced by certain plants as material in other plants. Pulp made and consumed in the same plant is not included]

	Quantity (thousands of short tons)			Value (thousands of dollars)		
	1914	1923	1925	1914	1923	1925
All products, total value				332, 147	907, 347	971, 882
Total paper	5, 270	8, 029	9, 182	291, 588	812, 509	862, 589
Standard newsprint, in rolls and sheets	1, 313	1, 521	1, 563	52, 943	110, 865	106, 083
Hanging papers	97	111	105	4, 589	10, 285	9, 506
Poster, novel, tablet, lining, etc	8	55	84	491	4, 960	7, 096
Book paper	904	1, 208	1, 343	70, 102	169, 286	177, 292
Cover paper	22	21	24	2, 809	4, 973	5, 806
Fine paper	248	377	474	34, 055	89, 098	105, 474
Wrapping paper	882	1, 027	1, 147	49, 373	120, 763	125, 967
Bag paper (all kinds)	(1)	124	124	(1)	16, 579	14, 617
Tag board, light manila board, and pattern	[2] 29	[2] 34	21	[2] 1, 935	[2] 4, 190	3, 004
Boards	1, 292	2, 793	3, 287	44, 869	182, 867	192, 942
Tissue paper	115	251	281	11, 536	44, 144	45, 735
Blotting paper	14	16	13	1, 458	3, 776	2, 585
Building and sheathing, felts, and roofing	[3] 244	[3] 345	555	[3] 9, 476	[3] 23, 529	44, 031
All other paper	102	148	161	8, 052	27, 194	22, 451
Wood pulp, for sale or transfer to other mills	912	1, 063	913	31, 678	65, 497	55, 200
All other products [4]				8, 881	29, 341	54, 093

[1] Not reported separately.
[2] Reported as "tag stock (rope, jute, and sulphite)."
[3] Reported as building, roofing, asbestos, etc.
[4] Consists largely of paper bags and paper boxes and containers.

No. 662.—TURPENTINE AND ROSIN PRODUCTION

Year [1]	Turpentine (gallons)			Rosin (barrels of 500 pounds)		
	Total	From gum	From wood	Total	From gum	From wood
United States:						
1899	37, 733, 500	37, 733, 500	(2)	2, 434, 933	2, 434, 933	(2)
1904	31, 129, 236	30, 687, 051	442, 185	1, 964, 674	1, 964, 674	(2)
1909	29, 714, 132	28, 988, 954	706, 868	1, 827, 760	1, 827, 760	(2)
1914	27, 648, 939	26, 980, 981	575, 557	1, 649, 160	1, 615, 643	29, 022
1919	19, 228, 174	17, 693, 841	1, 534, 333	1, 269, 717	1, 138, 660	131, 057
1921	24, 820, 620	24, 378, 854	441, 766	1, 690, 971	1, 661, 624	29, 347
1922	24, 252, 835	22, 394, 137	1, 858, 698	1, 651, 795	1, 499, 538	152, 257
1923	29, 781, 944	27, 174, 580	2, 607, 364	1, 990, 865	1, 790, 087	200, 778
1924	28, 923, 450	26, 072, 200	2, 851, 250	1, 978, 297	1, 720, 766	257, 531
1925	27, 261, 425	23, 922, 250	3, 339, 175	1, 903, 370	1, 578, 866	324, 504

	Turpentine (gallons)				Rosin (barrels of 500 pounds)			
	1914	1919	1924	1925	1914	1919	1924	1925
PRODUCTION FROM CRUDE GUM								
Alabama	2, 721, 777	2, 037, 005	1, 837, 200	1, 557, 200	165, 099	120, 839	121, 255	102, 775
Florida	12, 363, 232	6, 992, 489	9, 155, 450	8, 649, 050	733, 772	486, 432	604, 260	570, 837
Georgia	6, 228, 041	3, 997, 310	9, 932, 000	10, 301, 750	347, 931	234, 690	655, 512	679, 915
Mississippi	2, 385, 054	1, 749, 812			154, 115	115, 984		
Louisiana	2, 252, 118	1, 885, 231	4, 697, 550	2, 914, 250	150, 793	112, 900	310, 039	192, 339
Texas	647, 160	906, 404			41, 639	60, 179		
North Carolina and South Carolina	383, 599	125, 590	450, 000	500, 000	22, 294	7, 636	29, 700	33, 000

[1] The figures showing the productions of turpentine and rosin from crude gum beginning with 1919 refer to the crop year ended March 31 of the year following. All other figures relate to calendar years.
[2] Not reported.

Sources of Tables 661 and 662: Bureau of the Census, Department of Commerce, and Forest Service, Department of Agriculture.

FISHERIES

No. 663.—QUANTITY AND VALUE OF THE PRODUCTS OF THE FISHERIES OF SPECIFIED SECTIONS

NEW ENGLAND STATES

Calendar year	Maine		New Hampshire		Massachusetts	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	.....	2,742,571	.....	170,634	.....	7,959,760
1887	131,379,591	2,364,906	4,254,727	99,460	299,544,343	6,464,396
1888	132,929,594	2,292,043	3,843,479	90,044	302,045,686	6,355,405
1889	129,559,864	2,111,206	4,354,568	88,511	299,217,669	5,858,274
1898	123,404,561	2,654,919	3,020,715	48,987	202,257,817	4,463,727
1902	242,390,371	2,918,772	1,593,013	50,003	230,645,950	6,482,427
1905	124,723,786	2,386,406	1,036,452	51,944	255,654,475	7,025,249
1908	173,843,000	3,257,000	677,000	53,000	244,313,000	7,095,000
1919	147,956,369	3,889,035	528,730	92,660	246,951,241	10,859,746
1924	116,707,179	4,136,989	447,450	56,029	243,362,693	10,799,598

Calendar year	Rhode Island		Connecticut		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	.....	696,814	.....	933,242	.....	12,503,021
1887	45,284,872	683,495	39,750,008	300,746	520,213,541	9,913,003
1888	91,687,487	825,092	42,401,612	297,337	572,907,858	9,860,011
1889	127,365,475	935,144	92,672,464	1,557,506	653,170,040	10,550,641
1898	32,854,396	955,058	31,920,417	1,559,599	393,457,906	9,682,290
1902	21,613,964	1,155,701	37,882,149	1,799,381	534,075,447	12,406,284
1905	23,896,243	1,546,658	74,972,648	3,173,948	480,283,604	14,184,205
1908	44,254,000	1,752,000	66,942,000	2,982,000	530,029,000	15,139,000
1919	48,250,883	3,296,578	23,652,647	1,700,638	467,339,870	19,838,657
1924	20,535,327	1,818,858	25,769,516	2,006,658	406,822,165	18,818,132

SOUTH ATLANTIC STATES

Calendar year	North Carolina		South Carolina		Georgia	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	32,249,488	845,695	6,143,250	212,482	2,272,500	119,993
1887	45,124,956	772,957	4,075,537	157,688	1,882,790	80,745
1888	43,022,855	776,439	4,180,847	163,657	1,957,749	82,910
1889	45,545,643	950,427	4,879,125	200,381	2,643,533	105,727
1890	51,799,142	1,027,669	4,944,840	202,602	2,994,117	123,563
1897	64,234,257	1,316,017	5,280,446	210,456	4,993,100	170,605
1902	67,584,734	1,739,661	8,174,463	263,023	11,102,610	359,081
1908	101,422,000	1,776,000	14,104,000	288,000	14,828,000	701,000
1918	210,501,750	2,978,708	3,746,932	207,690	37,153,953	416,043
1923	95,192,343	2,414,499	6,763,279	284,791	39,896,386	668,129

Calendar year	Florida (east coast only)		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*
1880	2,286,750	78,408	42,951,988	1,256,578
1887	.....	.....	.....	.....
1888	.....	173,886	.....	1,196,892
1889	5,982,375	199,043	59,050,676	1,455,578
1890	7,463,531	219,870	67,201,630	1,573,704
1897	5,882,662	136,077	80,390,465	1,833,155
1902	19,584,265	477,868	106,446,072	2,839,633
1908	36,521,000	1,269,000	166,875,000	4,034,000
1918	81,211,488	1,746,175	332,614,123	5,348,616
1923	86,895,922	1,719,921	228,747,930	5,086,340

No. 663.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

GULF STATES

Calendar year	Florida (west coast only)		Alabama		Mississippi	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	8,376,335	564,819	3,541,500	119,275	788,500	22,540
1888	19,597,084	802,282	1,633,589	75,560	7,883,010	231,712
1889	23,597,240	948,845	4,560,269	146,841	8,933,339	250,884
1890	27,418,562	1,064,139	4,776,968	154,871	8,131,401	245,699
1897	28,255,219	944,793	4,699,381	134,438	7,829,685	192,298
1902	48,120,019	1,462,166	9,351,447	266,682	23,426,965	553,220
1908	37,566,000	2,120,000	10,665,000	387,000	17,302,000	459,000
1918	54,753,639	3,420,363	5,609,219	230,567	20,592,089	762,770
1923	73,266,267	4,026,227	7,631,237	341,569	25,031,738	985,741

Calendar year	Louisiana		Texas		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	6,996,000	392,610	3,858,875	128,300	23,561,210	1,227,544
1888	19,121,056	612,820	6,609,161	271,257	54,843,900	1,993,631
1889	20,947,239	621,048	7,357,800	297,253	65,395,887	2,264,876
1890	20,789,203	660,134	7,959,400	313,832	69,075,534	2,438,675
1897	17,401,788	713,587	7,174,550	286,610	65,360,623	2,271,726
1902	24,754,135	858,314	8,044,404	353,814	113,696,970	3,494,196
1908	42,302,000	1,448,000	10,439,000	446,000	118,274,000	4,860,000
1918	24,953,876	1,419,367	25,014,760	677,243	130,923,583	6,510,310
1923	34,835,194	1,961,100	19,559,606	782,013	160,324,042	8,096,650

GREAT LAKES

Calendar year	Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1885	8,825,980	291,523	23,518,148	878,788	11,457,170	276,397	51,456,517	1,109,096
1890	6,115,992	220,968	26,434,266	830,465	10,056,381	221,067	64,850,873	1,000,905
1893	8,096,927	252,107	30,747,755	828,611	12,064,338	306,381	42,968,325	805,979
1899	5,429,654	150,862	34,499,996	876,743	12,418,327	308,078	58,393,864	1,150,895
1903	13,205,013	343,671	33,579,498	1,090,550	14,455,209	450,318	23,188,556	780,015
1908	10,198,000	342,000	40,019,000	1,554,000	12,932,000	486,000	41,922,000	1,280,000
1917	15,447,432	726,674	35,460,628	2,270,859	13,363,207	857,478	38,300,238	2,330,249
1922	10,988,020	484,273	26,128,199	2,133,849	13,942,115	945,259	56,338,298	2,977,064

Calendar year	Lake Ontario		Lake St. Clair, St. Clair and Detroit Rivers[1]		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1885	2,398,466	95,869	2,185,795	40,193	99,842,076	2,691,866
1890	3,446,448	124,786	2,994,571	73,577	113,898,531	2,471,768
1893	928,015	31,510	1,814,311	46,030	96,619,671	2,270,618
1899	2,406,332	100,997	579,067	23,864	113,727,240	2,611,439
1903	1,244,600	59,353	521,941	21,594	86,194,817	2,745,501
1908	823,000	74,000	737,000	32,000	106,631,000	3,768,000
1917	1,054,388	100,857	133,330	11,852	103,759,223	6,297,969
1922	1,025,799	131,801	310,012	17,365	108,732,443	6,689,611

PACIFIC COAST STATES

Calendar year	Washington		Oregon		California		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1895	59,079,527	1,401,433	38,141,632	1,282,036	50,010,020	1,786,483	147,231,179	4,469,952
1899	121,630,226	2,884,908	23,245,501	862,880	74,462,089	2,568,383	219,337,816	6,316,171
1904	88,954,790	2,972,633	27,535,232	1,185,092	52,109,654	2,523,141	168,599,676	6,680,866
1908	100,456,000	3,513,000	28,217,000	1,356,000	47,477,000	1,970,000	176,150,000	6,839,000
1915	158,983,478	5,317,080	34,707,623	1,495,494	92,513,457	2,488,098	286,204,558	9,300,672
1922	69,469,805	4,953,913	22,371,764	1,255,689	191,126,852	6,773,981	282,968,421	12,983,583
1923	111,262,415	7,800,693	32,882,773	3,504,371	260,804,720	7,737,066	404,949,068	19,042,130
1924	93,042,346	7,487,713	39,577,838	3,203,617	344,895,272	9,725,140	477,515,456	20,416,470
1925	143,713,714	10,406,298	40,007,349	3,442,366	440,300,515	11,661,709	624,021,578	25,510,373

[1] The decline in the fisheries of these waters is due largely to legal restrictions.

No. 663.—Quantity and Value of the Products of the Fisheries of Specified Sections—Continued

MIDDLE ATLANTIC STATES

Calendar year	New York		New Jersey		Pennsylvania		Delaware	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	329, 452, 813	4, 225, 695	65, 151, 486	3, 176, 589	1, 680, 000	89, 100	11, 918, 203	997, 695
1888	189, 666, 490	3, 347, 851	61, 115, 662	4, 198, 550	12, 900, 670	344, 004	10, 225, 941	209, 553
1889	175, 936, 098	4, 181, 794	82, 361, 635	3, 170, 376	7, 165, 777	324, 530	9, 859, 163	256, 980
1890	192, 470, 691	4, 602, 157	88, 730, 048	3, 447, 351	7, 849, 206	328, 199	10, 053, 823	267, 346
1891	170, 885, 022	4, 817, 369	79, 116, 380	3, 520, 057	7, 583, 657	322, 021	7, 697, 649	255, 423
1892	(1)	(1)	73, 267, 434	3, 646, 382	6, 324, 508	284, 031	7, 194, 688	250, 853
1897	109, 555, 566	3, 391, 595	103, 782, 517	3, 614, 434	5, 604, 263	269, 507	8, 647, 897	252, 123
1898	210, 497, 376	3, 545, 189	90, 297, 118	3, 563, 766	(1)	(1)	(1)	(1)
1901	228, 092, 285	3, 894, 270	117, 930, 964	4, 755, 522	6, 029, 538	251, 491	5, 835, 186	203, 372
1904	277, 649, 747	6, 230, 558	90, 108, 068	3, 385, 415	2, 046, 294	167, 499	5, 608, 289	259, 590
1908	71, 474, 000	4, 390, 000	74, 827, 000	3, 069, 000	4, 380, 000	280, 000	70, 769, 000	541, 000
1920	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1921	210, 377, 152	4, 986, 918	96, 936, 784	5, 983, 406	594, 613	44, 621	25, 023, 193	652, 448

Calendar year	Maryland		Virginia		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1880	95, 712, 570	5, 221, 715	158, 874, 609	3, 124, 444	662, 789, 681	16, 835, 238
1888	114, 788, 113	3, 813, 199	101, 318, 814	1, 836, 155	490, 015, 690	13, 749, 312
1889	(1)	(1)	(1)	(1)		
1890	143, 905, 576	6, 019, 165	185, 282, 705	3, 636, 351	628, 292, 049	18, 300, 569
1891	141, 177, 827	6, 460, 759	183, 993, 834	3, 647, 845	590, 454, 369	19, 023, 474
1892	(1)	(1)	(1)	(1)		
1897	88, 588, 018	3, 617, 306	277, 993, 949	3, 179, 498	594, 172, 210	14, 324, 463
1898	(1)	(1)	(1)	(1)		
1901	82, 975, 245	3, 767, 461	378, 183, 358	4, 613, 384	819, 046, 576	17, 485, 500
1904	81, 128, 866	3, 336, 560	355, 315, 798	5, 584, 354	811, 857, 062	18, 963, 976
1908	113, 796, 000	3, 306, 000	312, 515, 000	4, 716, 000	647, 761, 000	16, 302, 000
1920	59, 530, 795	4, 198, 668	471, 219, 089	8, 541, 724		
1921	(1)	(1)	(1)	(1)		
1925	56, 977, 985	4, 863, 419	276, 227, 784	9, 084, 641		

MISSISSIPPI RIVER AND TRIBUTARIES [2]

Calendar year	Arkansas River		Atchafalaya River [3]		Cumberland River		Illinois River and tributaries		Mississippi River and minor tributaries	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1894	593, 493	22, 812	4, 567, 859	126, 622	193, 761	9, 989	6, 290, 803	174, 254	21, 241, 565	587, 760
1899	450, 950	13, 247			245, 047	16, 661	14, 581, 392	386, 284	68, 604, 277	822, 984
1903	490, 930	19, 810			81, 410	7, 564	14, 770, 212	286, 212	53, 851, 316	1, 157, 390
1922	2, 033, 684	136, 289	4, 579, 220	254, 651	728, 450	14, 677	12, 660, 512	617, 254	33, 944, 550	1, 645, 272

Calendar year	Missouri River and tributaries		Ohio River and minor tributaries		Red River and tributaries		St. Francis River and tributaries		Tennessee River and tributaries	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1894	1, 770, 466	74, 387	4, 508, 862	184, 906	1, 220, 259	35, 254	1, 624, 675	40, 427	789, 538	42, 863
1899	1, 704, 522	78, 477	2, 552, 858	140, 912	989, 156	28, 046	3, 820, 958	134, 863	1, 255, 526	62, 951
1903	1, 497, 980	80, 360	1, 498, 875	77, 080	669, 333	27, 387	485, 380	19, 133	420, 315	22, 700
1922	1, 231, 542	105, 224	7, 458, 157	379, 089	6, 676, 627	324, 542	3, 684, 040	108, 902	4, 990, 470	98, 300

Calendar year	Wabash River and tributaries		White River (Mo. and Ark.) and tributaries		Yazoo River		Total	
	Pounds	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*	*Pounds*	*Dollars*
1894	985, 561	57, 449	656, 111	25, 313	101, 875	2, 538	44, 544, 828	1, 384, 574
1899	344, 506	27, 664	1, 013, 625	49, 730	1, 234, 620	19, 210	96, 797, 437	1, 781, 029
1903	315, 380	14, 015	18, 857, 112	117, 521	435, 916	11, 936	93, 374, 159	1, 841, 168
1922	12, 062, 550	357, 833	14, 662, 413	405, 860	1, 021, 519	55, 628	105, 733, 734	4, 503, 521

[1] Statistics not available.

[2] The fishery products of the Mississippi River and tributaries in 1908, as given in the report of the Bureau of the Census, "Fisheries of the United States, 1908," amounted to 148,284,000 pounds, valued at $3,125,000.

[3] Statistics of the fisheries of the Atchafalaya River were not included with those of the Mississippi River and tributaries prior to 1922. Statistics for the Atchafalaya for 1894 were obtained in connection with a canvass of interior waters for that year.

Source: 1908, data published by the Bureau of the Census; other years, reports of the Bureau of Fisheries, Department of Commerce.

No. 664.—FISHERIES: Persons Engaged, Vessels and Boats, Capital, and Products, by Sections

Section	Persons engaged	Vessels employed	Boats employed	Capital invested	Products	
					Quantity	Value
				Dollars	*Pounds*	*Dollars*
Total, various years	191,087	5,696	74,062	201,687,851	2,753,589,503	90,928,686
New England States (1924)	24,513	777	10,022	28,561,824	406,822,165	18,818,132
Middle Atlantic States (1921 and 1925)[1]	40,339	1,823	22,255	31,133,895	666,137,511	25,615,453
South Atlantic States (1923)	16,298	280	6,016	8,505,259	228,747,930	5,087,340
Gulf States (1923)	17,793	492	6,809	10,535,905	160,324,042	8,096,650
Pacific Coast States (1922)	22,270	698	5,214	28,651,490	282,968,421	12,983,583
Mississippi River division (1922)	19,122	13	15,538	7,345,034	105,733,734	4,503,521
Great Lakes (1922)	8,039	606	3,661	12,046,458	108,732,443	6,689,611
Lake of the Woods and Rainy Lake (1922)	123	1	95	139,955	1,677,990	110,022
Alaska (1926)[2]	28,052	957	6,681	74,557,522	728,185,986	15,179,814

[1] Statistics for New York, New Jersey, Pennsylvania, and Delaware are for 1921; for Maryland and Virginia for 1925.
[2] The value given for the fishery products of Alaska is the estimated value of the fish to the fishermen. The value of the fishery products of Alaska in 1926 as prepared for market was $54,670,000.

Source: Bureau of Fisheries, Department of Commerce.

No. 665.—FISHERY PRODUCTS LANDED AT SEATTLE, WASH., BY AMERICAN FISHING AND COLLECTING VESSELS

Species	Quantity in thousands of pounds				Value in dollars			
	1923	1924	1925	1926	1923	1924	1925	1926
Grand total	27,625	28,233	30,394	32,418	2,639,318	2,719,222	2,955,817	3,598,741
Landed by fishing vessels, total	10,238	10,066	12,997	13,372	1,321,587	1,329,957	1,594,298	1,896,677
Halibut	7,505	7,363	9,685	10,051	1,188,878	1,197,229	1,403,167	1,738,015
Sablefish	2,109	2,030	2,340	2,083	123,514	110,971	160,499	107,673
Lingcod	194	466	692	821	4,355	14,403	21,343	33,356
Rockfishes	130	207	280	399	4,840	7,354	9,289	16,720
Sturgeon				18				913
Landed by collecting vessels, total	17,387	18,167	17,398	19,047	1,308,731	1,389,265	1,361,519	1,702,064
Sturgeon	5	23	10	10	500	2,198	1,694	1,852
Herring	218	317	589	761	1,900	2,871	3,965	4,585
Salmon:								
Humpback or pink	1,746	80	96	47	69,856	2,536	3,508	1,022
Chum or keta	1,618	1,725	1,909	2,099	61,442	64,433	72,790	82,326
King or spring	7,364	8,999	8,338	10,631	789,494	913,561	836,200	1,203,100
Coho or silver	4,891	5,391	4,895	4,106	280,665	299,093	341,890	317,500
Sockeye or red	92	118	94	97	8,398	10,470	9,360	9,650
Trout, steelhead	185	89	54	110	15,020	8,886	4,575	11,040
Smelt	230	319	202	160	22,284	24,622	18,020	16,870
Perch	61	70	91	80	4,113	4,902	6,494	5,046
Rockfishes	89	129	96	88	4,694	8,044	4,840	5,010
Lingcod	47	51	106	48	2,998	1,678	4,852	1,840
Flounders	71	96	77	82	1,556	1,921	1,973	1,632
Sole	232	255	297	281	8,443	9,560	13,170	11,346
Crabs	539	506	545	447	37,368	34,490	38,188	29,245

Source: Bureau of Fisheries, Department of Commerce.

No. 666.—FISHERIES: Products Landed at Boston and Gloucester, Mass., and Portland, Me., by Fishing Vessels

Port and calendar year	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Halibut	Mackerel	Miscellaneous
	Quantity in thousands of pounds								
All three ports:									
1915	171,596	45,056	57,944	14,890	13,196	6,331	3,871	10,918	19,390
1918	205,501	71,824	66,672	5,281	26,561	2,658	1,781	10,158	20,566
1919	196,481	65,374	82,716	4,339	18,752	2,063	2,115	5,713	15,408
1920	178,281	62,266	75,279	4,721	8,561	1,855	3,789	7,294	14,516
1921	150,865	53,515	67,413	4,536	6,945	2,098	5,666	3,384	7,308
1922	159,875	55,180	70,196	5,374	5,097	2,247	5,624	4,727	11,430
1923	174,941	62,655	73,762	6,338	4,804	2,998	4,875	11,565	7,945
1924	182,948	61,449	79,902	7,285	5,085	3,406	4,422	9,758	11,643
1925	216,869	67,250	91,886	5,806	5,290	3,713	3,561	26,210	13,153
1926	238,426	78,219	94,061	5,505	6,740	2,728	3,431	36,233	11,511
Boston:									
1923	124,215	38,042	60,543	4,501	3,077	1,540	3,560	6,768	6,184
1924	130,966	36,046	68,142	5,700	2,145	1,861	3,935	6,319	6,820
1925	149,038	36,215	74,281	4,646	2,760	1,899	2,838	18,387	8,013
1926	167,318	41,101	81,863	4,674	3,104	1,432	2,967	23,489	8,688
Gloucester:									
1923	35,030	19,868	7,854	588	1,159	328	108	3,809	1,315
1924	35,846	21,035	5,142	271	2,301	747	11	2,941	3,398
1925	49,472	26,629	9,581	320	1,823	729	111	7,026	3,252
1926	54,901	32,863	6,150	192	2,859	466	15	10,791	1,566
Portland:									
1923	15,697	4,745	5,365	1,248	569	1,131	1,206	988	445
1924	16,136	4,368	6,617	1,314	640	708	476	498	1,425
1925	18,359	4,406	8,024	840	708	1,084	612	797	1,888
1926	16,208	4,254	6,048	639	777	829	449	1,953	1,258
	Value in dollars								
All three ports:									
1915	4,737,917	1,272,960	1,307,813	282,477	253,258	98,350	323,290	614,079	585,684
1918	10,531,548	3,617,205	3,199,276	273,085	962,085	103,031	302,280	1,188,924	885,662
1919	7,548,583	2,583,181	2,793,938	181,053	380,515	62,169	387,191	547,242	613,094
1920	8,227,013	2,637,637	2,740,052	153,876	262,128	48,070	741,821	763,094	880,335
1921	5,722,629	1,730,767	2,046,170	109,603	164,642	37,829	803,074	335,626	494,918
1922	5,465,932	1,635,279	1,809,400	111,331	118,006	34,552	784,057	276,499	696,808
1923	7,051,154	2,184,141	2,423,177	142,367	152,189	61,728	922,654	487,637	677,261
1924	6,992,952	2,138,306	2,308,605	186,101	159,438	68,114	789,609	541,784	800,995
1925	8,115,570	2,321,238	2,747,741	173,666	147,582	84,597	655,172	1,191,152	794,422
1926	9,057,674	2,647,479	3,082,924	146,242	153,685	69,583	671,150	1,406,485	880,126
Boston:									
1923	5,433,731	1,446,683	2,142,882	98,087	104,125	32,098	679,259	329,208	601,389
1924	5,401,590	1,399,161	2,037,661	148,491	84,287	38,443	711,946	347,916	633,685
1925	6,104,278	1,436,777	2,378,410	145,885	91,363	47,184	535,435	858,972	610,255
1926	7,002,602	1,615,936	2,828,289	125,457	85,773	38,657	584,702	973,105	750,683
Gloucester:									
1923	910,739	569,421	100,003	9,031	36,156	4,288	22,221	124,258	45,361
1924	1,041,476	584,651	89,702	5,144	60,854	12,318	1,012	171,487	116,308
1925	1,390,580	747,742	147,759	5,198	42,924	10,812	11,331	305,195	119,619
1926	1,479,312	897,518	83,499	2,833	54,293	6,490	3,178	374,268	56,873
Portland:									
1923	706,684	168,037	180,292	35,249	11,908	25,342	221,174	34,171	30,511
1924	549,886	154,494	181,242	32,466	14,297	17,353	76,651	22,381	51,002
1925	620,712	136,722	221,572	22,583	13,295	26,601	108,406	26,985	64,548
1926	575,760	134,025	171,136	17,952	13,619	24,436	82,910	59,112	72,570

Source: Bureau of Fisheries, Department of Commerce.

No. 667.—VALUE OF CANNED FISHERY PRODUCTS AND BY-PRODUCTS OF THE UNITED STATES AND ALASKA

[NOTE.—Values in thousands of dollars. See also census statistics of fish canning, Tables 643 and 747]

Product	1921	1922	1923	1924	1925	1926
Total value	54,987	71,842	85,151	82,458	95,177	98,326
Salmon	28,867	38,421	45,534	42,402	47,370	56,219
California sardines	2,346	3,361	4,608	5,446	6,381	7,807
Maine sardines	3,961	5,750	5,289	7,191	6,717	6,727
Tuna and tuna-like fishes	3,086	4,373	6,915	5,757	8,499	5,282
Shrimps and crabs	3,921	3,168	4,429	4,645	3,835	4,147
Clams	1,167	1,716	1,711	2,161	1,850	2,005
Oysters	2,179	2,424	2,720	2,478	3,721	2,027
Miscellaneous canned products	1,039	1,180	1,119	2,085	2,204	1,978
Menhaden—meal, scrap, and oil	4,006	6,127	6,411	3,310	5,623	3,442
Miscellaneous by-products	4,415	5,322	6,415	6,983	8,978	8,691

Source: Bureau of Fisheries, Department of Commerce.

No. 668.—CANNED SALMON OUTPUT, UNITED STATES AND ALASKA

[All figures expressed in thousands and tenths of thousands; thus, 5,234.9=5,234,900]

Species	Quantity in thousands of 48-pound cases					Value in thousands of dollars				
	Grand total	United States			Alaska	Grand total	United States			Alaska
		Total	Washington	Oregon and California			Total	Washington	Oregon and California	
Total, all species:										
1922	5,234.9	733.2	441.7	291.6	4,501.7	38,420.7	8,633.5	4,823.1	3,810.5	29,787.2
1923	6,403.0	1,367.3	975.8	391.5	5,035.7	45,533.6	12,660.6	7,533.4	5,127.1	32,873.0
1924	6,253.6	958.7	542.0	416.7	5,294.9	42,401.6	9,394.5	5,062.1	4,332.4	33,007.1
1925	6,018.6	1,558.6	1,132.5	426.2	4,459.9	47,369.5	15,380.0	10,079.5	5,300.4	31,989.5
1926	7,488.6	835.7	489.6	346.2	6,652.9	56,219.3	10,139.3	5,428.3	4,711.0	46,080.0
Coho or silver:										
1923	409.7	245.5	155.8	89.7	164.1	2,551.9	1,608.6	1,000.7	607.9	943.3
1924	414.7	231.1	117.7	113.4	183.6	3,028.6	1,774.1	906.4	867.7	1,254.6
1925	468.6	307.6	203.9	103.6	161.0	4,878.8	3,313.1	2,240.0	1,073.1	1,565.8
1926	430.7	228.1	152.6	75.5	202.5	3,924.1	2,223.5	1,450.8	772.7	1,700.6
Chum or keta:										
1923	680.0	154.3	140.9	13.4	525.6	3,217.5	769.8	688.4	81.5	2,447.7
1924	1,276.3	247.9	189.0	58.9	1,028.5	6,004.5	1,192.2	898.0	294.1	4,812.3
1925	1,212.0	133.4	97.2	36.2	1,078.7	5,478.3	641.3	464.5	176.8	4,787.0
1926	1,051.2	148.7	133.2	15.6	902.4	5,277.8	758.8	678.0	80.9	4,518.9
Humpback or pink:										
1923	2,893.3	445.2	443.1	2.1	2,448.1	14,111.7	2,211.7	2,200.6	11.2	11,900.0
1924	2,614.1	12.8	8.8	4.0	2,601.3	12,916.8	79.4	57.6	21.8	12,837.3
1925	2,662.0	551.4	547.5	3.9	2,110.6	14,289.4	3,152.3	3,131.0	21.3	11,137.1
1926	3,341.0	2.6	2.6	-------	3,338.3	18,007.1	19.6	19.6	-------	17,987.5
King, Chinook, or spring:										
1923	423.0	384.7	147.8	236.9	38.3	6,118.7	5,790.4	2,104.4	3,686.0	328.3
1924	382.7	349.0	134.6	214.4	33.6	4,898.8	4,599.8	1,723.0	2,876.8	299.0
1925	482.6	432.6	168.2	264.4	50.0	6,585.1	5,990.0	2,233.4	3,756.6	595.0
1926	402.1	349.6	131.0	218.6	52.5	5,825.7	5,281.4	1,973.7	3,307.7	544.2
Red or sockeye:										
1923	1,964.8	105.3	77.0	28.3	1,859.5	19,209.3	1,955.5	1,423.0	532.5	17,253.8
1924	1,533.7	85.8	80.6	5.2	1,447.9	15,282.6	1,478.7	1,384.8	93.9	13,803.9
1925	1,178.1	118.4	114.3	4.1	1,059.7	15,970.6	2,066.0	1,990.0	75.9	13,904.6
1926	2,232.8	75.7	62.8	12.9	2,157.1	22,803.5	1,474.7	1,216.6	258.1	21,328.7
Steelhead:										
1923	32.2	32.2	11.2	21.0	-------	324.4	324.4	116.4	208.0	-------
1924	32.1	32.1	11.3	20.8	-------	270.3	270.3	92.3	178.1	-------
1925	15.3	15.3	1.3	14.0	-------	217.3	217.3	20.5	196.7	-------
1926	30.9	30.9	7.4	22.6	-------	381.2	381.2	89.6	291.6	-------

Source: Bureau of Fisheries, Department of Commerce.

No. 669.—CANNED SALMON: Output and Prices of Alaska Product

Yearly average or year	Total value of pack (dollars)	Output, equivalent in cases of forty-eight 1-pound cans					
		Total	Coho or silver	Chum or keta	Humpback or pink	King or spring	Red or sockeye
1910-1914	14,884,736	3,422,615	129,427	439,485	1,040,371	42,304	1,771,028
1915	18,653,015	4,500,293	124,268	479,946	1,875,516	88,251	1,932,312
1916	23,269,429	4,900,627	261,909	724,115	1,737,793	65,873	2,110,937
1917	46,304,090	5,947,286	193,231	906,747	2,296,976	61,951	2,488,381
1918	51,041,949	6,605,835	218,958	1,364,960	2,438,954	49,226	2,533,737
1919	43,265,349	4,583,688	232,870	1,365,563	1,611,608	95,986	1,277,661
1920	35,602,800	4,429,463	192,085	1,033,517	1,593,120	110,003	1,500,738
1921	19,632,744	2,596,826	106,555	255,495	423,984	44,994	1,765,798
1922	29,737,193	4,501,652	175,993	565,918	1,658,423	30,660	2,070,658
1923	32,873,007	5,035,697	164,107	525,622	2,448,129	38,343	1,859,496
1924	33,007,135	5,294,915	183,601	1,028,488	2,601,283	33,648	1,447,895
1925	31,989,531	4,459,937	161,010	1,078,680	2,110,593	49,978	1,059,676
1926	46,080,004	6,652,882	202,527	902,443	3,338,349	52,476	2,157,087

AVERAGE ANNUAL PRICE IN DOLLARS PER CASE OF FORTY-EIGHT 1-POUND CANS

Yearly average or year	Coho or silver	Chum or keta	Humpback or pink	King or spring	Red or sockeye	Year	Coho or silver	Chum or keta	Humpback or pink	King or spring	Red or sockeye
1910-1914	4.55	2.94	3.14	5.25	5.44	1920	9.13	4.19	5.47	10.97	13.05
						1921	5.63	3.68	4.21	10.22	8.96
1915	4.31	2.59	2.78	4.63	5.82	1922	5.47	3.98	4.34	8.08	9.24
1916	5.34	3.34	3.64	5.36	6.04	1923	5.74	4.65	4.86	8.56	9.24
1917	8.76	6.14	6.44	10.40	9.48	1924	6.83	4.68	4.93	8.89	9.53
1918	9.15	6.27	6.58	9.85	9.44	1925	9.72	4.44	5.28	11.91	13.12
1919	11.27	6.82	8.35	13.13	12.98	1926	8.40	5.01	5.39	10.37	9.89

Source: Bureau of Fisheries, Department of Commerce.

No. 670.—ALASKA FISHERIES: Summary of Products

Product	Quantity in thousands of unit specified						Value in thousands of dollars				
	Unit	1910	1915	1920	1925	1926	1910	1915	1920	1925	1926
Total							12,670	21,006	41,492	40,039	54,670
Salmon:											
Canned	Case	2,439	4,500	4,429	4,460	6,653	11,086	18,653	35,603	31,990	46,080
Fresh and frozen	Pound	1,320	3,137	5,165	5,193	6,044	59	219	424	395	578
Cured, all forms	do	7,744	4,929	3,067	6,895	8,060	355	341	510	1,297	1,461
By-products	do		1,922	2,071	1,738	1,875		40	105	60	69
Halibut, fresh and frozen.	do	21,650	15,718	15,295	10,972	14,390	810	812	1,727	884	1,623
Herring:											
Cured for food	do	839	7,195	8,582	35,171	15,803	15	114	542	2,323	1,562
Bait	do	1,107		4,085	7,087	2,235	10		41	39	25
By-products	do	4,694	2,213	11,186	17,634	44,951	95	41	720	1,490	1,968
Cod	do	3,029	14,196	12,784	2,854	1,333	63	390	1,117	129	78
Sable fish	do	97	143	584	1,043	682	2	4	29	45	31
Trout	do	111	42	99	53	85	5	3	14	6	10
Other fish	do	117	106	11	89	43	6	7		4	3
Shrimps	do			112	520	490			49	207	196
Crabs	do	149	14	8	206	201	7	1	2	53	62
Clams	do	10		222	2,066	985			47	492	254
Whales:											
Oil	do	2,744	7,337	8,317	7,224	7,553	117	333	436	556	603
Fertilizer	do	1,664	2,990	3,190	2,444	2,820	25	48	120	57	70
All other	do	172		18	797	122	15		6	12	6

Source: Bureau of Fisheries, Department of Commerce.

No. 671.—FISH PROPAGATION: Summary of Output of Fish Eggs, Fry, and Fingerlings, by United States Bureau of Fisheries

[All quantities expressed in thousands]

Year ended June 30—	Total	Eggs	Fry	Fingerlings	Cost per million[1]
1895	619,916	55,408	561,894	2,613	$292.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,758	536,260	3,694,282	58,216	131.55
1917	5,158,963	318,939	4,757,909	82,115	114.46
1918	4,098,105	147,048	3,782,092	168,965	147.98
1919	5,876,985	1,177,871	4,547,340	151,774	106.67
1920	4,770,356	630,749	3,872,218	267,388	130.11
1921	4,962,489	1,109,637	3,626,263	226,590	128.06
1922	5,125,101	1,068,981	3,716,688	339,432	120.36
1923	4,314,850	1,463,730	2,586,812	264,316	143.30
1924	5,361,811	1,237,582	3,863,848	260,381	115.25
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1926	5,232,240	737,135	4,195,939	299,166	142.50

Species	Year ended June 30, 1925				Year ended June 30, 1926			
	Total	Eggs	Fry	Fingerlings	Total	Eggs	Fry	Fingerlings
Total	5,301,862	1,050,393	4,114,514	136,954	5,232,240	737,135	4,195,939	299,166
Catfish	14,310			14,310	32,364		1,400	30,964
Carp	42,459		31,500	10,959	94,849		54,500	40,349
Buffalo fish	144,224	127,400	12,563	4,261	116,573		105,315	11,258
Shad	17,158		17,158		9,143		9,143	
Glut herring	92,000		92,000		55,000		55,000	
Whitefish	172,970	340	172,630		208,344	8,320	200,024	
Cisco	126,900	8,000	118,900		95,080	10,080	85,000	
Silver salmon	14,837	862	10,178	3,797	9,901	211	4,556	5,134
Chinook salmon	52,717	7,505	2,528	42,684	62,921	11,284	800	50,837
Sockeye salmon	35,112	3,150	28,070	3,892	74,626	150	9,795	64,681
Chum salmon	16,051		16,051		18,163		18,163	
Humpback salmon	10,893		10,893		1,843		1,753	90
Steelhead salmon	2,056	604	125	1,327	6,487	1,134	1,029	4,324
Atlantic salmon	1,422		1,410	12	1,001	100	776	125
Landlocked salmon	1,117	81	816	220	1,086	384	432	270
Rainbow trout	7,325	3,009	1,990	2,326	7,989	2,827	1,541	3,621
Black-spotted trout	23,163	16,802	4,776	1,585	14,259	8,918	1,473	3,868
Loch Leven trout	9,587	8,803		784	7,497	3,894	616	2,987
Lake trout	36,072	2,940	32,822	310	31,816	1,590	29,957	269
Brook trout	16,032	500	2,776	12,756	14,762	874	2,951	10,937
Silver trout	100			100	232			232
Grayling	4,877		4,877		4,824		4,824	
Smelt								
Pike and pickerel	709			709	466			466
Fresh-water drum	19			19	130			130
Crappie	16,884			16,884	26,741			26,741
Large-mouth black bass	2,750		1,135	1,615	2,313		919	1,394
Small-mouth black bass	587		545	42	971		810	161
Sunfish	13,895			13,895	27,746			27,746
Pike perch	238,691	122,450	116,100	141	213,732	82,745	130,960	27
Yellow perch	90,394	5,850	83,989	555	132,705	7,500	122,501	2,704
Cod	1,060,777	598,065	462,712		983,967	429,338	554,629	
Pollock	222,896		222,890		428,788		428,788	
Mackerel	3,517		3,517		2,067		2,067	
Haddock	163,877	139,366	24,511		145,946	114,051	31,895	
Winter flounder	2,641,718	4,667	2,637,051		2,388,057	53,735	2,334,322	
Miscellaneous fishes	3,697			3,697	9,851			9,851

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

Source: Reports of the Bureau of Fisheries, Department of Commerce.

MINING AND MINERAL PRODUCTS

[NOTE.—For index numbers of mineral production see Table 750, p. 781]

No. 672.—TOTAL VALUE OF MINERAL PRODUCTS OF THE UNITED STATES

[NOTE.—All figures in millions of dollars. See Table 680 for method of computation]

Yearly average and year	Total	Metallic	Nonmetallic	Unspecified	Year	Total	Metallic	Nonmetallic	Unspecified
1881-1885	426	191	229	6	1910	1,988	750	1,238	(1)
1886-1890	541	248	292	1	1911	1,924	681	1,243	(1)
1891-1895	592	244	347	1	1912	2,238	862	1,375	(1)
1896-1900	828	366	461	1	1913	2,434	879	1,554	(1)
1901-1905	1,392	578	813	1	1914	2,111	687	1,424	(1)
1906-1910	1,887	769	1,118	(1)	1915	2,395	992	1,400	2
1911-1915	2,220	820	1,399	1	1916	3,508	1,621	1,884	3
1916-1920	5,124	1,796	3,322	5	1917	4,992	2,086	2,900	6
1921-1925	5,155	1,153	3,998	5	1918	5,541	2,153	3,381	7
1901	1,155	493	661	1	1919	4,596	1,360	3,233	3
1902	1,329	605	722	1	1920	6,981	1,762	5,214	5
1903	1,495	589	906	1	1921	4,139	654	3,482	3
1904	1,359	501	858	(1)	1922	4,647	987	3,656	4
1905	1,624	703	921	(1)	1923	5,987	1,511	4,472	4
1906	1,901	886	1,015	(1)	1924	5,306	1,232	4,068	6
1907	2,070	904	1,165	(1)	1925	5,678	1,380	4,291	6
1908	1,592	551	1,041	(1)	1926	6,262	1,403	4,852	7
1909	1,887	755	1,132	(1)					

[1] Less than $500,000.

Source: Bureau of Mines, Department of Commerce.

No. 673.—YEARLY AVERAGE PRICES OF NONFERROUS METALS

[Prices are cents per pound, except quicksilver (dollars per flask) and platinum (dollars per ounce)]

Year	Copper, electrolytic (New York)	Lead (New York)	Tin [1] (New York)	Zinc (New York)	Zinc (St. Louis)	Antimony (New York)	Quicksilver (New York)	Platinum (New York)
1896-1900	[2] 13.41	3.84	19.54	4.55	----------	8.204	42.17	[3] 16.66
1901	16.11	4.33	26.74	4.07	----------	8.250	47.00	20.00
1902	11.626	4.069	26.79	4.84	----------	6.120	48.03	19.00
1903	13.235	4.237	28.09	5.40	5.191	6.000	41.32	18.91
1904	12.823	4.309	27.99	5.100	4.931	6.371	41.00	19.50
1905	15.590	4.707	31.358	5.882	5.730	10.250	38.50	20.34
1906	19.278	5.657	39.819	6.198	6.048	21.730	40.90	28.04
1907	20.004	5.325	38.166	5.962	5.812	14.840	41.50	30.98
1908	13.208	4.200	29.465	4.726	4.578	8.004	44.84	16.32
1909	12.982	4.273	29.725	5.503	5.352	7.466	46.30	24.87
1910	12.738	4.446	34.123	5.520	5.370	7.336	47.06	32.70
1911	12.376	4.420	42.281	5.758	5.608	7.540	46.54	43.12
1912	16.341	4.471	46.096	6.943	6.799	7.760	42.46	45.55
1913	15.269	4.370	44.252	5.648	5.504	7.520	39.54	44.88
1914	13.602	3.862	34.301	5.213	5.061	8.763	48.31	45.14
1915	17.275	4.673	38.590	13.230	13.054	30.280	87.01	47.13
1916	27.202	6.858	43.480	12.804	12.634	25.370	125.49	83.40
1917	27.180	8.787	61.802	8.901	8.730	20.690	106.30	102.82
1918	[4] 24.628	7.413	([5])	8.159	7.890	12.581	123.47	105.95
1919	18.691	5.759	63.328	7.338	6.988	8.190	92.15	114.61
1920	17.456	7.957	48.273	([5])	7.671	8.485	81.12	110.90
1921	12.502	4.545	28.576	([5])	4.655	4.957	45.46	75.03
1922	13.382	5.734	31.831	([5])	5.716	5.471	58.94	97.61
1923	14.421	7.267	41.799	([5])	6.607	7.897	66.50	116.53
1924	13.024	8.097	49.674	([5])	6.344	10.836	69.76	118.81
1925	14.042	9.020	56.790	([5])	7.622	17.494	83.13	119.09
1926	13.795	8,417	63.615	([5])	7,337	15,988	91.90	113.27

[1] 99 per cent tin.
[2] Prices 1895 to 1898 are for Lake copper.
[3] Average for 1899 and 1900 only.
[4] Average of 11 months, no quotations being made in December
[5] No average computed.

Source: Review Number and Year Book, Engineering and Mining Journal-Press.

No. 674.—MINES AND QUARRIES, PRODUCING AND NONPRODUCING: PRINCIPAL STATISTICS, 1919

	Total	Continental United States	Alaska	Hawaii	Porto Rico
Number of enterprises	22, 361	21, 907	346	5	13
Number of mines and quarries	14, 802	14, 417	367	5	13
Number of petroleum and natural gas wells	257, 681	257, 673	8		
Number of natural-gas gasoline plants	1, 115	1, 115			
Persons engaged, total	1, 088, 444	1, 084, 796	3, 267	155	226
Proprietors and firm members, total	22, 769	22, 155	593	4	17
Salaried employees	75, 688	75, 457	199	6	26
Wage earners (average number)	989, 987	987, 184	2, 475	145	183
Power used (aggregate horsepower)	6, 816, 814	6, 786, 475	29, 979	325	35
Capital	$7, 225, 446, 992	$7, 108, 623, 496	$116, 626, 441	$112, 882	$84, 173
Principal expenses	2, 556, 682, 424	2, 545, 925, 350	10, 493, 020	171, 850	92, 204
Salaries	151, 820, 643	151, 272, 451	533, 076	5, 533	9, 583
Wages	1, 309, 565, 597	1, 304, 409, 342	5, 010, 611	89, 365	56, 279
Supplies and materials	531, 688, 470	528, 853, 639	2, 789, 755	34, 423	10, 653
Cost of ore, coal, and natural gas purchased as material or for resale	35, 905, 352	35, 905, 352			
Fuel and purchased power	124, 610, 053	123, 509, 588	1, 080, 348	14, 560	5, 557
Royalties and rents	176, 478, 995	176, 129, 858	314, 066	26, 282	8, 789
Taxes	141, 878, 154	141, 567, 734	307, 390	1, 687	1, 343
Contract work	82, 696, 872	82, 239, 098	457, 774		
Value of products	3, 174, 507, 462	3, 158, 463, 966	15, 634, 801	250, 538	158, 157

Source: Bureau of the Census, Department of Commerce.

No. 675.—PRODUCING MINES AND QUARRIES: PRINCIPAL STATISTICS

	Continental United States				
	1889	1902	1909	1919	Per cent of increase[1] 1909–1919
Number of enterprises	(2)	46, 853	21, 268	21, 280	0. 1
Number of mines and quarries	22, 084	17, 039	18, 164	13, 844	−23. 8
Number of petroleum and natural-gas wells	37, 410	123, 200	166, 320	257, 673	54. 9
Number of natural-gas gasoline plants				1, 115	
Persons engaged			1, 041, 682	1, 077, 675	3. 5
Proprietors and firm members, total	(2)	(2)	29, 922	21, 918	−26. 7
Number performing manual labor	(2)	(2)	8, 861	5, 245	−40. 8
Salaried employees	6, 541	38, 128	44, 127	74, 197	68. 1
Wage earners (average number)	536, 043	581, 728	967, 633	981, 560	1. 4
Wage earners, Dec. 15, or nearest representative day, total	[3] 536, 043	[3] 581, 728	1, 065, 283	1, 088, 189	2. 2
Above ground	244, 127	221, 505	366, 962	382, 766	4. 3
Below ground	291, 916	360, 223	698, 321	705, 423	1. 0
Power used (aggregate horsepower)	(4)	2, 867, 562	4, 608, 253	6, 723, 786	45. 9
Capital	$1, 310, 535, 318	(2)	$3, 380, 525, 841	$6, 955, 466, 831	105. 8
Principal expenses:					
Salaries	5, 520, 600	$39, 020, 552	53, 393, 551	149, 328, 985	179. 7
Wages	222, 041, 887	369, 959, 960	586, 774, 079	1, 295, 936, 226	103. 8
Supplies and materials	86, 075, 925	[5] 123, 814, 967	173, 411, 438	519, 593, 676	199. 6
Cost of ore, coal, and natural gas purchased as material or for resale			29, 318, 316	35, 905, 352	22. 5
Fuel and purchased power	(4)	(4)	45, 136, 550	122, 105, 930	170. 5
Royalties and rents	(4)	34, 530, 713	63, 973, 585	175, 293, 984	174. 0
Taxes	(4)	(4)	17, 796, 763	140, 999, 626	692. 3
Contract work	(4)	20, 677, 938	28, 887, 898	79, 380, 177	174. 8
Value of products	438, 111, 548	796, 826, 417	1, 238, 410, 322	3, 158, 463, 966	155. 0

[1] A minus sign (−) denotes decrease.
[2] Not reported.
[3] Average number.
[4] Comparable figures not available.
[5] Includes cost of fuel.

Source: Bureau of the Census, Department of Commerce.

No. 676.—SIZE OF PRODUCING ESTABLISHMENTS, MINES AND QUARRIES: By Value of Products and by Number of Wage Earners, 1919

Industry and value of products per enterprise	Number	Value of products		Industry and wage earners per enterprise	Enterprises		Wage earners	
		Amount	Per cent		Number	Per cent	Average number	Per cent
All industries	21,280	$3,158,463,966	100.0	**All industries**	21,280	100.0	981,560	100.0
Less than $5,000	6,586	15,228,604	0.5	No wage earners	3,722	17.5		
$5,000 to $20,000	5,539	58,745,473	1.9	1 to 5	7,912	37.2	16,761	1.7
$20,000 to $100,000	4,990	237,699,990	7.5	6 to 20	3,948	18.6	44,506	4.5
$100,000 to $500,000	3,005	686,788,422	21.7	21 to 50	2,399	10.9	76,040	7.7
$500,000 to $1,000,000	684	472,131,636	14.9	51 to 100	1,372	6.4	98,621	10.0
$1,000,000 to $5,000,000	392	754,160,595	23.9	101 to 500	1,743	8.2	377,339	38.4
$5,000,000 and over	84	933,808,246	29.6	501 to 1,000	182	0.9	125,278	12.8
				Over 1,000	92	0.4	243,015	24.8
Anthracite coal	254	364,084,142	100.0	**Anthracite coal**	254	100.0	147,372	100.0
Less than $5,000	37	89,977	(1)	No wage earners	2	0.8		
$5,000 to $20,000	38	440,045	0.1	1 to 5	62	24.4	139	0.1
$20,000 to $100,000	43	1,843,631	0.5	6 to 20	39	15.4	469	0.3
$100,000 to $500,000	39	10,076,964	2.8	21 to 50	20	7.9	629	0.4
$500,000 to $1,000,000	32	24,276,649	6.7	51 to 100	13	5.1	981	0.7
$1,000,000 to $5,000,000	48	83,086,309	22.8	101 to 500	63	24.8	18,240	12.4
$5,000,000 and over	17	244,270,547	67.1	501 to 1,000	33	13.0	21,804	14.8
				Over 1,000	22	8.7	105,110	71.3
Bituminous coal	6,636	1,145,977,565	100.0	**Bituminous coal**	6,636	100.0	545,798	100.0
Less than $5,000	818	2,711,023	0.2	No wage earners	62	0.9		
$5,000 to $20,000	1,618	17,614,491	1.5	1 to 5	1,512	22.8	4,337	0.8
$20,000 to $100,000	2,006	100,379,635	8.8	6 to 20	1,549	23.3	18,074	3.3
$100,000 to $500,000	1,651	386,075,398	33.7	21 to 50	1,233	18.7	41,009	7.5
$500,000 to $1,000,000	377	257,196,333	22.4	51 to 100	888	13.4	64,355	11.8
$1,000,000 to $5,000,000	156	289,392,384	25.3	101 to 500	1,241	18.7	259,288	47.5
$5,000,000 and over	10	92,608,301	8.1	501 to 1,000	101	1.5	68,737	12.6
				Over 1,000	45	0.7	89,998	16.5
Petroleum and natural gas.	9,814	931,793,423	100.0	**Petroleum and natural gas.**	9,814	100.0	93,205	100.0
Less than $5,000	4,348	9,531,235	1.0	No wage earners	3,292	33.5		
$5,000 to $20,000	2,797	28,919,564	3.1	1 to 5	4,925	50.2	8,852	9.5
$20,000 to $100,000	1,696	75,785,417	8.1	6 to 20	1,034	10.5	11,036	11.8
$100,000 to $500,000	684	150,748,376	16.2	21 to 50	296	3.0	9,874	10.6
$500,000 to $1,000,000	156	109,951,280	11.8	51 to 100	133	1.4	9,592	10.3
$1,000,000 to $5,000,000	96	204,187,367	21.9	101 to 500	102	1.0	21,978	23.6
$5,000,000 and over	37	352,670,184	37.8	501 to 1,000	24	0.2	17,358	18.6
				Over 1,000	8	0.1	14,515	15.6
Iron ore	290	218,217,905	100.0	**Iron ore**	290	100.0	45,741	100.0
Less than $5,000	15	36,040	(1)	No wage earners	5	1.7		
$5,000 to $20,000	29	392,775	0.2	1 to 5	21	7.2	63	0.1
$20,000 to $100,000	69	3,774,321	1.7	6 to 20	43	14.8	574	1.3
$100,000 to $500,000	98	26,543,784	12.1	21 to 50	57	19.7	2,180	4.8
$500,000 to $1,000,000	41	28,239,920	12.9	51 to 100	54	18.6	3,822	8.4
$1,000,000 to $5,000,000	35	63,674,560	29.2	101 to 500	102	35.2	31,032	67.8
$5,000,000 and over	3	95,646,505	43.8	501 to 1,000	7	2.4	5,535	12.1
				Over 1,000	1	0.3	2,535	5.5

[1] Less than one-tenth of 1 per cent.

No. 677.—HOURS OF LABOR IN MINES AND QUARRIES, 1919

Industry	Total wage earners	Wage earners in mines where the prevailing hours of labor per week were—					
		35 and under	36 to 43	44 to 53	54 to 62	63 to 71	72 to 84
All industries	981,560	17,755	19,856	721,899	182,126	26,841	13,083
Coal:							
Anthracite	147,372		315	145,787	807	442	21
Bituminous	545,798	15,978	17,163	485,574	25,222	1,841	20
Petroleum and natural gas	93,205	1,295	327	13,227	44,068	21,726	12,562
Iron ore	45,741	11	219	20,311	24,637	563	
Copper	43,717		7	21,150	21,166	1,394	
Limestone	22,069	57	24	3,774	17,934	280	
Lead and zinc	21,884	115		15,082	6,684		3
Gold and silver; lode mines	15,436		3	3,595	11,586	251	1
Gold, placer mines	1,380			62	1,243	72	3
Granite	8,049	43	1,195	4,829	1,948	34	
Clay	5,453	27	33	2,351	3,033	4	5
Phosphate rock	4,373	5	30	309	3,683		346
Sandstone	4,287		8	483	3,688	108	
Slate	3,513		335	963	2,170	45	
Basalt	3,336	20	3	728	2,585		
Gypsum	2,191		1	830	1,317	43	
Marble	1,732			50	1,667	15	
Sulphur	1,129				1,129		
All other	10,895	204	193	2,794	7,559	23	122

Source of Tables 676 and 677: Bureau of the Census, Department of Commerce.

No. 678.—PRODUCING MINES AND QUARRIES: SUMMARY BY INDUSTRIES

Industry	Number of enterprises [1]		Wage earners (average number)		Power used (aggregate horsepower)		Wages		Value of products	
	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919
							Expressed in thousands of dollars			
All industries [2]	19,915	21,280	967,633	981,560	4,608,253	6,723,786	586,774	1,295,936	1,238,410	3,158,464
FUELS										
Coal:										
Anthracite	192	254	169,367	147,372	676,753	899,783	92,318	210,289	149,180	364,084
Bituminous	3,503	6,636	511,723	545,798	1,227,401	2,155,412	294,196	682,601	427,962	1,145,978
Petroleum and natural gas	7,793	9,814	36,744	93,205	1,221,969	1,821,342	27,092	134,521	185,417	931,793
METALS										
Iron ore	176	290	47,246	45,741	346,534	370,869	29,731	75,713	106,947	218,218
Copper	161	195	51,643	43,717	376,464	523,591	49,383	66,390	134,617	181,258
Gold and silver:										
Lode mines	1,604	740	29,428	15,436	200,966	149,680	30,868	23,818	83,886	58,832
Placer mines	678	112	3,084	1,380	27,278	35,632	2,670	1,914	10,237	9,369
Lead and zinc	977	432	16,807	21,884	110,559	229,541	10,478	30,708	31,363	75,579
Manganese	5	35	60	909	215	5,800	12	1,086	31	2,188
Quicksilver	12	26	544	748	784	2,607	408	828	868	1,803
Rare metals	26	22	531	633	3,237	3,544	(3)	748	9,688	1,726
STONE										
Limestone	1,665	895	30,289	22,069	125,024	213,717	14,082	23,926	29,832	52,944
Granite	707	358	18,744	8,049	61,095	55,674	11,112	8,588	18,998	18,279
Sandstone	1,158	255	9,812	4,287	36,556	33,869	4,761	4,449	9,291	10,685
Basalt	196	163	5,256	3,336	29,211	37,307	2,539	3,991	5,578	9,658
Slate	185	101	8,803	3,513	29,777	20,613	4,089	3,128	6,054	5,721
Marble	77	48	6,166	1,732	21,779	15,628	3,079	1,452	6,239	4,398
MISCELLANEOUS										
Abrasive materials	49	34	403	317	1,344	1,748	(3)	322	----------	722
Asbestos	5	10	54	146	380	420	31	92	65	250
Asphalt	12	9	205	324	828	648	129	295	466	750
Barytes	23	89	240	919	262	3,029	90	769	225	1,592
Bauxite	10	10	563	738	1,565	2,607	198	942	671	2,190
Clay	261	345	3,262	5,453	8,868	21,243	1,362	5,367	2,946	10,086
Feldspar	22	30	247	349	998	1,782	107	264	271	584
Fluorspar	13	54	290	1,124	1,179	7,138	168	1,196	289	3,335
Fuller's earth	16	9	327	824	1,739	2,538	119	541	316	2,019
Graphite	19	21	294	419	2,647	6,410	160	342	344	869
Gypsum	78	47	3,462	2,191	17,685	15,032	1,821	2,478	5,813	6,806
Magnesite	6	11	50	448	126	2,540	32	652	68	2,170
Mica	73	65	272	448	463	803	125	288	207	607
Millstones	14	11	51	37	----------	220	17	48	34	65
Mineral pigments	23	23	151	185	849	1,630	44	174	151	481
Phosphate rock	51	48	7,873	4,373	50,526	49,639	3,216	3,901	10,781	10,300
Pyrite	11	17	1,086	1,172	5,758	7,338	408	1,385	677	2,409
Silica	14	24	158	166	1,219	2,032	82	166	231	372
Sulphur	4	4	366	1,129	3,114	15,291	325	1,682	4,432	17,936
Talc and soapstone	39	28	1,256	958	9,433	7,053	504	835	1,175	2,302

[1] Operators, not enterprises in 1909.
[2] The totals for all industries include, besides those specified, statistics for the chromite industry in 1919 and for the borax, chromite, grindstone, marl, monazite, and zircon, peat, and precious stones industries in 1909, for which comparable figures could not be given. The value of products of these industries did not exceed one-tenth of 1 per cent of the total for all industries in either year.
[3] Figures not available.

Source: Bureau of the Census, Department of Commerce.

No. 679.—PRODUCING MINES AND QUARRIES: SUMMARY BY STATES

Division and State	Number of enterprises [1]		Wage earners (average number)		Power used (aggregate horsepower)		Wages		Value of products	
	1909	1919 [2]	1909	1919	1909	1919	1909	1919	1909	1919
							Expressed in thousands of dollars			
United States	[3] 19,915	21,280	967,633	981,560	4,608,253	6,723,786	586,774	1,295,936	1,238,410	3,158,464
New England	510	302	17,048	7,213	61,259	62,750	9,814	8,036	17,328	18,723
Maine	97	50	2,144	979	8,141	6,277	1,332	1,052	2,056	1,823
New Hampshire	45	30	1,418	682	3,771	4,336	926	826	1,309	1,568
Vermont	137	93	8,145	2,936	25,668	28,119	4,449	3,042	8,221	8,555
Massachusetts	139	74	3,291	1,704	15,031	12,498	1,967	2,069	3,468	4,176
Rhode Island	21	14	665	369	2,350	3,000	410	400	898	952
Connecticut	71	41	1,385	543	6,298	8,520	730	647	1,376	1,649
Middle Atlantic	6,333	6,604	376,633	334,175	1,738,613	2,124,662	264,993	458,109	370,742	853,891
New York	1,351	700	9,205	6,202	101,759	91,339	4,717	7,497	13,335	25,131
New Jersey	131	97	6,315	4,576	18,048	33,901	2,801	5,393	8,347	9,309
Pennsylvania	4,851	5,807	361,013	323,397	1,618,806	1,999,422	197,474	445,219	349,060	819,451
East North Central	4,152	3,772	190,468	190,011	913,857	1,150,153	118,673	237,638	237,533	490,482
Ohio	1,876	2,283	50,567	49,298	294,763	337,611	26,769	58,110	63,767	134,518
Indiana	1,010	503	23,936	26,751	95,039	129,663	14,783	30,193	21,934	52,840
Illinois	915	772	72,036	79,123	225,330	318,231	46,379	94,179	76,659	178,673
Michigan	83	122	39,169	31,292	273,861	337,882	27,661	50,406	67,714	103,870
Wisconsin	268	92	4,710	3,547	24,864	26,766	3,081	4,750	7,459	10,581
West North Central	2,300	1,726	75,196	62,253	370,390	426,242	50,566	64,267	130,252	280,111
Minnesota	153	135	16,586	17,265	151,834	144,199	11,907	29,383	58,665	130,399
Iowa	373	198	16,489	11,274	23,453	32,171	10,870	12,466	13,878	13,474
Missouri	1,021	468	23,420	14,857	109,672	100,160	14,394	16,777	31,667	33,366
North Dakota	53	79	562	774	2,025	2,037	364	1,029	565	1,927
South Dakota	39	23	3,456	1,785	15,548	11,844	3,225	2,497	6,432	5,314
Nebraska	18	9	349	162	815	1,847	170	166	322	293
Kansas	643	814	14,343	16,136	66,943	133,984	9,636	21,940	18,473	90,238
South Atlantic	1,358	2,281	109,210	129,695	536,648	849,169	49,886	149,268	105,716	352,059
Delaware	9	7	493	116	1,480	660	218	130	516	244
Maryland	126	126	7,190	5,628	18,118	18,660	3,339	6,152	5,782	9,699
Virginia	150	202	15,257	14,547	34,630	57,880	5,230	16,108	8,796	29,363
West Virginia	798	1,714	73,410	100,812	416,282	704,279	35,981	119,578	76,288	205,007
North Carolina	118	102	2,215	1,890	6,062	5,039	863	1,489	1,359	2,737
South Carolina	29	20	1,814	933	7,012	4,656	626	680	1,253	1,351
Georgia	92	74	3,383	2,397	10,698	13,026	1,278	2,017	2,875	4,082
Florida	36	36	5,448	3,372	42,366	44,969	2,351	3,108	8,847	8,976
East South Central	830	1,405	62,906	90,612	179,650	351,353	29,444	98,768	49,143	181,645
Kentucky	437	938	18,297	43,563	53,203	148,893	7,827	49,551	12,100	98,487
Tennessee	216	203	16,338	14,470	34,523	56,685	7,359	12,987	12,692	23,292
Alabama	177	264	28,271	32,579	91,924	145,775	14,258	36,230	24,351	59,866
West South Central	1,229	2,821	23,898	60,936	149,602	684,736	15,672	88,445	47,531	490,727
Arkansas	96	126	4,935	3,030	14,080	21,365	3,026	4,573	4,604	8,405
Louisiana-Mississippi [4]	33	137	926	5,228	8,445	86,135	873	7,505	6,547	40,016
Oklahoma	864	1,934	11,658	33,914	95,074	448,173	7,775	46,809	25,638	281,928
Texas	236	624	6,379	18,164	32,003	129,063	3,998	29,558	10,742	160,378
Mountain	1,972	1,508	83,993	81,519	467,184	716,949	82,081	131,192	205,054	321,826
Montana	373	259	18,846	16,129	174,389	143,718	21,361	25,724	54,992	49,924
Idaho	174	82	3,246	2,455	26,278	31,239	4,046	4,202	8,649	11,840
Wyoming	66	106	7,742	9,699	30,338	62,757	6,267	14,576	10,572	41,929
Colorado	672	477	21,483	16,790	98,777	116,351	18,463	25,405	45,680	51,217
New Mexico	98	85	5,107	7,100	16,042	59,876	3,529	10,494	5,588	18,873
Arizona	135	155	12,838	15,268	47,272	166,091	13,503	26,193	34,218	88,478
Utah	188	141	10,089	9,847	47,226	86,131	8,987	17,197	22,083	41,511
Nevada	266	203	4,642	4,231	26,862	50,786	5,925	7,401	23,272	18,054
Pacific	1,538	858	28,281	25,134	191,050	357,675	25,646	40,207	75,111	178,984
Washington	93	83	6,904	5,050	20,742	38,198	5,891	7,466	10,538	13,329
Oregon	116	50	860	740	8,070	5,264	705	993	1,191	1,885
California	1,329	725	20,517	19,344	162,238	313,213	19,050	31,748	63,382	163,770

[1] Operators, not enterprises, in 1909.
[2] The total for the United States includes, besides the States specified, statistics for the District of Columbia for which no statistics were reported for 1909.
[3] Exclusive of duplication, 307 operators having reported in two or more States.
[4] For 1909 statistics are for Louisiana only; nothing reported for Mississippi.

Source: Bureau of the Census, Department of Commerce.

No. 680.—MINERAL PRODUCTS OF THE UNITED STATES: QUANTITIES AND VALUES

[NOTE.—Blank spaces indicate absence of data in most cases; method of computing total value is indicated by footnotes]

Product	Quantity						Value in thousands of dollars					
	1910	1915	1920	1924	1925	1926	1910	1915	1920	1924	1925	1926
METALLIC												
Aluminum							8,956	16,280	41,375	37,607	36,430	37,583
Antimonial lead [1] ... short tons	14,069	23,224	12,535	20,787	19,667	22,524	1,338	3,666	1,963	3,377	3,786	3,917
Antimony [2] ... do	2,229	5,364	2,785	2,763	2,624	2,693	[2] 369	[2] 2,374	[2] 473	[2] 597	[2] 918	[2] 856
Bauxite ... long tons	143,932	297,041	521,308	347,570	316,540	392,250	716	1,515	3,247	2,138	1,988	2,415
Cadmium ... pounds	4,700	91,415	129,283	129,328	502,824	810,428	3	108	151	78	277	430
Chromite ... long tons	205	3,281	2,502	288	108	141	3	37	45	1	2	2
Copper, [3] sales value ... 1,000 pounds	1,080,160	1,388,010	1,209,061	1,634,249	1,674,870	1,739,622	137,180	242,902	222,467	214,087	237,832	243,547
Ferro-alloys ... long tons	(4)	388,644	612,808	497,244	616,222	689,258	(4)	17,450	77,519	43,250	53,048	61,368
Gold ... 1,000 troy ounces	4,657	4,888	2,476	2,529	2,412	2,335	96,269	101,036	51,187	52,277	49,860	48,270
Iron:												
Ore [5] ... 1,000 long tons	56,890	55,493	69,281	52,083	63,925	69,293	[5] 140,736	[5] 101,289	[5] 285,006	[5] 151,307	[5] 160,797	[5] 174,016
Pig ... do	26,674	30,334	35,710	31,064	36,815	38,181	412,162	401,410	1,140,904	665,079	739,316	749,633
Lead (refined) [3] sales value ... short tons	375,402	507,026	476,849	566,407	654,921	680,685	33,055	47,660	76,296	90,625	113,956	108,910
Manganese ore (35 per cent or more Mn.) [6] ... long tons	2,258	9,613	94,420	58,348	98,324	46,258	23	113	2,396	1,319	1,858	1,229
Manganiferous ore (5 to 35 per cent Mn.) [6] ... long tons	61,101	195,735	767,664	898,468	1,448,054	1,235,431	187	817	2,438	2,739	3,752	3,138
Mercury flasks ... (75 pounds net)	20,601	21,033	13,392	10,061	9,174	7,642	958	1,805	1,067	691	763	702
Mercury ore ... short tons	124,000	159,000	109,000	70,000	65,000	51,000	(7)	(7)	(7)	(7)	(7)	(7)
Nickel (value at New York City) ... do		822	365	191	272	306		538	293	115	170	224
Ores (crude), tailings, etc.:												
Copper ... 1,000 short tons	28,497	43,404	36,765	49,432	53,262	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Copper-lead and copper-lead zinc ... do	20	11	27	220	229	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Dry and siliceous (gold and silver) ... do	9,646	12,687	8,590	8,979	8,995	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Lead ... do	5,781	7,497	7,200	8,569	8,560	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Lead-zinc ... do	12,390	18,176	12,383	13,356	17,741	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Zinc ... do			2,651	3,160	3,411	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Platinum and allied metals (value at New York City) ... troy ounces	733	8,665	41,544	66,007	49,643	84,981	25	479	4,698	7,611	5,662	9,211
Silver ... 1,000 troy ounces	57,138	74,961	55,362	65,407	66,155	62,719	30,855	37,397	60,802	43,823	45,912	39,136
Tin (metallic equivalent) ... short tons		102	22	7	14	8	23	79	22	7	16	10
Titanium ore (rutile) ... do	566	250	277		46	(8)	44	28	(8)		11	(8)
Tungsten ore (60 per cent concentrate) ... do	1,821	2,332	216	565	1,190	1,382	833	4,100	102	287	756	920
Uranium and vanadium ores ... do			35,076	(8)	13,070	31,624		694	2,401	(8)	331	329
Zinc, [3] sales value ... do	252,479	458,135	450,045	515,831	555,631	611,991	27,268	113,617	72,907	67,058	84,456	91,799
Total metallic products (approximate)							749,879	991,730	1,762,350	1,232,330	1,380,280	1,402,920

NONMETALLIC												
Arsenious oxide ... short tons	1,497	5,498	11,502	14,453	12,317	11,805	52	302	2,021	2,655	1,199	674
Asbestos ... do	3,693	1,731	1,648	300	1,258	1,358	68	77	678	43	52	135
Asphalt ... do	260,080	740,254	898,993	1,720,823	1,791,550	1,960,340	3,080	5,242	13,199	18,263	19,454	19,938
Barite (crude) ... do	42,975	108,547	228,113	196,332	228,063	232,875	122	381	2,142	1,541	1,703	1,743
Borates ... do	42,357	67,003	120,320	116,110	113,700	115,970	1,202	1,677	2,173	3,184	3,086	3,128
Bromine ... 1,000 pounds	245	856	1,161	2,034	1,566	1,246	32	856	745	595	488	427
Calcium-magnesium chloride ... short tons	10,971	20,535	27,849	58,791	67,870	82,340	75	131	539	1,165	1,387	1,710
Cement ... 1,000 bbls. (376 lbs. net)	77,785	87,685	97,079	147,166	159,047	164,219	68,752	75,155	195,590	266,053	281,076	280,784
Clay:												
Products							166,827	160,080	373,670	[9] 415,779	[9] 423,447	([9]) ([10])
Raw ... 1,000 short tons	2,389	2,363	3,116	3,691	4,030	3,852	[5] 3,625	[5] 3,972	[5] 11,614	[5] 11,508	[5] 12,737	[5] 13,540
Coal:												
Bituminous [11] ... do	417,111	442,624	568,667	483,687	520,053	578,290	469,282	502,038	2,129,933	1,062,626	1,060,402	1,272,000
Pennsylvania anthracite ... 1,000 long tons	75,433	79,460	79,998	78,506	55,194	75,391	160,275	184,653	434,252	477,231	[5] 327,665	474,164
Coke [5] ... 1,000 short tons	41,709	41,581	51,345	44,270	51,267	55,863	[5] 99,743	[5] 105,504	[5] 494,246	[5] 244,042	[5] 262,559	([5]) ([7])
Diatomaceous (infusorial) earth and tripoli ... short tons		35,304	102,155	91,639	102,418	106,242	130	167	1,649	1,083	1,357	1,482
Emery ... do	1,028	3,063	2,327	2,195	769	386	15	31	22	20	6	4
Feldspar (crude) ... long tons	72,413	93,855	135,551	204,772	185,706	209,989	502	489	851	1,509	1,316	1,607
Fluorspar ... short tons	69,427	136,941	186,778	124,979	113,669	128,657	430	764	4,719	2,451	2,052	2,341
Fuller's earth ... do	32,822	47,901	128,487	177,994	206,574	234,152	294	489	2,506	2,632	2,924	3,356
Garnet for abrasive purposes ... do	3,814	4,301	5,476	3,290	8,429	6,397	114	140	434	674	713	524
Gems and precious stones							296	170	265	([14])	([14])	([14])
Graphite:												
Amorphous ... short tons	1,407	1,181	4,694	4,071	3,536	2,975	40	12	50	39	40	41
Crystalline ... 1,000 pounds	5,591	7,074	9,632	1,800	2,257	4,989	296	417	576	49	57	179
Grindstones and pulpstones ... short tons			53,484	38,184	37,340	38,339	796	648	1,707	1,667	1,706	1,873
Gypsum ... 1,000 short tons	2,379	2,448	3,129	5,043	5,678	5,635	6,523	6,597	24,533	42,725	47,577	46,721
Lime ... do	3,508	3,623	3,570	4,072	4,581	4,580	14,088	14,424	37,544	39,596	42,609	40,800
Magnesite (crude) ... short tons	12,443	30,499	303,767	120,100	120,660	133,500	75	274	2,748	1,041	1,433	1,201
Mica:												
Scrap ... do	4,065	3,959	5,723	4,709	9,695	7,667	53	51	167	87	174	131
Sheet ... 1,000 pounds	2,476	554	1,683	1,461	1,794	2,135	284	378	547	212	322	394
Millstones							28	53	63	30	22	46
Mineral paints:												
Natural pigments [12] ... short tons	68,623	57,442	([12])	([12])	199,190	([12])	528	552	([12])	([12])	([12])	([12])
Zinc and lead pigments [13] ... do	75,162	141,383	143,244	173,859	199,190	184,289	6,853	14,962	24,565	25,711	28,311	25,896
Mineral waters ... 1,000 gallons	62,030	52,114	36,218	([14])	([14])	([14])	6,358	5,139	4,861	([14])	([14])	([14])
Natural gas ... 1,000,000 cu. ft.	509,155	628,579	798,210	1,141,521	1,188,571	1,320,000	70,756	101,312	196,194	253,856	265,271	294,000
Natural-gas gasoline ... 1,000 gallons		65,365	384,744	933,861	1,127,470	1,356,800		5,151	71,788	82,233	120,383	136,000
Oilstones, etc ... short tons			1,144	1,056	970	1,640	229	115	232	259	272	218
Peat ... do		42,284	73,204	55,469	72,436	61,936	140	289	922	395	453	364
Petroleum ... 1,000 barrels (42 gals.)	209,557	281,104	442,929	713,940	763,743	766,504	127,900	179,463	1,360,745	1,022,683	1,284,960	1,440,000
Phosphate rock ... 1,000 long tons	2,655	1,836	4,104	2,868	3,482	3,210	10,917	5,413	25,080	10,252	11,546	10,894
Potash (K_2O) ... short tons		1,690	41,444	21,880	25,802	25,060		342	7,463	843	1,204	1,083
Pumice ... do	23,271	27,708	41,838	43,651	40,380	53,887	95	63	114	190	179	209
Pyrites ... long tons	241,612	394,124	310,777	160,096	170,081	166,559	978	1,675	1,597	645	650	617
Salt ... 1,000 short tons	4,243	5,352	6,840	6,803	7,398	7,372	7,900	11,748	29,894	25,747	26,162	25,055

For footnotes see p. 708.

No. 680.—Mineral Products of the United States: Quantities and Values—Continued

Products	Quantity						Value in thousands of dollars					
	1910	1915	1920	1924	1925	1926	1910	1915	1920	1924	1925	1926
NONMETALLIC—continued												
Sand:												
Glass ... 1,000 short tons	1,461	1,884	2,166	2,170	2,335	2,000	1,517	1,607	4,749	3,719	3,836	3,200
Molding, building, etc., and gravel ... do	67,949	74,719	79,875	154,060	169,667	166,000	19,521	21,515	60,913	93,294	103,706	103,300
Sand-lime brick ... thousands	172,507	179,643	169,761	[9] 283,417	[9] 315,595	[9] 330,586	1,169	1,135	2,490	[9] 3,335	[9] 3,781	[9] 3,981
Silica (quartz) ... short tons	63,577	112,575	68,190	23,761	25,444	27,743	194	274	320	203	205	274
Slate ... do			468,700	727,700	724,600	718,000	6,237	4,959	8,726	11,776	12,575	12,353
Stone ... 1,000 short tons			78,527	103,184	115,851	124,000	76,521	74,595	133,542	161,870	174,217	184,800
Sulphur ... 1,000 long tons	251	294	1,518	1,537	1,858	2,073	4,522	4,959	30,000	25,000	29,000	37,300
Sulphuric acid (60° Baumé) from copper and zinc smelters ... 1,000 short tons		[15] 905	[15] 1,230	[16] 875	1,007	1,068		7,621	13,617	[16] 6,996	7,513	8,274
Talc and soapstone ... short tons	150,716	186,891	210,635	203,821	[17] 182,256	[17] 181,568	1,592	1,892	3,035	3,516	[17] 2,012	[17] 2,111
Total nonmetallic products (approximate)							1,237,656	1,400,484	5,214,170	4,067,730	4,814,700	4,852,000
SUMMARY OF VALUES												
Metallic products							749,879	991,730	1,762,350	1,232,330	1,380,280	1,402,920
Nonmetallic products (exclusive of fuels)							409,455	427,867	1,021,260	1,169,100	1,232,420	1,231,800
Mineral fuels							828,213	972,617	4,192,910	2,898,630	3,058,680	3,620,200
"Unspecified" (metallic and nonmetallic) products partly estimated							309	2,430	4,820	5,740	6,250	7,080
Grand total (approximate)							1,987,844	2,394,644	6,981,340	5,305,800	5,677,630	6,262,000

[1] From both domestic and foreign ores.
[2] Content of antimonial lead. Values excluded from metallic totals as the values of the antimony are included in the antimonial lead values.
[3] Product from domestic ores only.
[4] Included under "Pig iron."
[5] Value not included in total value, since value of product derived therefrom, or of raw material used, is accounted for under other items.
[6] Including ore used for fluxing.
[7] Figures not available. Value of products derived from these included elsewhere.
[8] Value included in total value of metallic products. Bureau of Mines not at liberty to publish figures.
[9] Figures obtained through cooperation with Bureau of the Census.
[10] Figures not yet available. Estimate of value included in total value of nonmetallic products.
[11] Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.
[12] Canvass discontinued after 1915. Value of iron ore sold for paint included under "Unspecified."
[13] Sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide.
[14] No canvass. Estimate of value included in total value of nonmetallic products.
[15] In 1915 includes 59,189 tons and in 1920, 23,728 tons of stronger acid, not converted to 60° Baumé.
[16] Figures after 1920 obtained through cooperation with Bureau of Census and represent production, the value having been partly estimated.
[17] Talc only.

Source: Bureau of Mines, Department of Commerce.

No. 681.—MINERAL PRODUCTION, BY STATES, 1925

[Values in thousands of dollars]

State or Territory	Principal mineral products	Value of total mineral output
Pennsylvania	Coal, cement, clay products, natural gas	867,196
Oklahoma	Petroleum, zinc, natural gas	501,767
California	Petroleum, natural gas, cement	496,923
Texas	Petroleum, natural gas, sulphur	351,212
West Virginia	Coal, natural gas, petroleum, clay products	333,528
Ohio	Clay products, coal, natural gas, petroleum	247,507
Illinois	Coal, clay products, petroleum, cement	231,680
Kansas	Petroleum, zinc, coal, cement	142,944
Kentucky	Coal, petroleum, clay products, natural gas	131,371
Michigan	Iron ore, copper, cement, salt	122,212
Arizona	Copper, silver, gold, lead	114,203
Indiana	Coal, cement, stone, clay products	111,834
Minnesota	Iron ore, stone, cement, clay products	110,253
New York	Clay products, gypsum, cement, stone	102,036
Utah	Copper, lead, silver, coal	100,275
Missouri	Lead, clay products, cement, coal	92,548
Arkansas	Petroleum, natural gas, coal	87,186
Montana	Copper, silver, zinc, coal	79,261
Wyoming	Petroleum, coal, natural gas	78,755
Alabama	Coal, iron ore, cement, clay products	77,139
New Jersey	Clay products, zinc, cement, sand and gravel	76,764
Colorado	Coal, gold, lead, zinc	63,149
Louisiana	Petroleum, sulphur, natural gas	60,504
Virginia	Coal, clay products, stone, gypsum	41,038
Tennessee	Coal, cement, clay products, stone	38,869
Iowa	Coal, cement, gypsum, clay products	38,420
Idaho	Lead, silver, zinc, copper	31,611
Nevada	Copper, silver, gold, lead	26,470
New Mexico	Copper, coal, petroleum, zinc	25,549
Washington	Coal, cement, clay products, sand and gravel	22,382
Maryland	do	21,558
Wisconsin	Stone, zinc, sand and gravel, iron ore	19,205
Alaska	Copper, gold, silver, coal	18,286
Massachusetts	Stone, clay products, sand and gravel, lime	16,832
Florida	Phosphate rock, stone, sand, fuller's earth	16,651
Georgia	Clay products, stone, cement, fuller's earth	16,504
Vermont	Stone, slate, lime, talc	14,409
North Carolina	Clay products, stone, sand and gravel, feldspar	9,504
South Dakota	Gold, sand and gravel stone, gypsum	7,972
Oregon	Cement, sand and gravel, stone, clay products	7,827
Connecticut	Clay products, stone, lime, sand and gravel	6,755
Maine	Stone, lime, clay products, slate	5,839
South Carolina	Clay products, stone, sand and gravel, barite	3,508
New Hampshire	Stone, clay products, sand and gravel, feldspar	3,465
Nebraska	Cement, sand and gravel, clay products, stone	3,359
North Dakota	Coal, clay products, sand and gravel	2,662
Mississippi	Sand and gravel, clay products, stone	2,172
Rhode Island	Stone, clay products, sand and gravel, lime	1,152
District of Columbia	Sand and gravel, clay products, stone	955
Delaware	Clay products, stone, sand and gravel	539

Source: Bureau of Mines, Department of Commerce.

No. 682.—IRON ORE: Production, Shipments, Exports, and Imports

[Note.—All figures in thousands of long tons. Nearly all exports are to Canada. Blank spaces indicate that figures are not available. Since 1905 ore containing 5 per cent or more of manganese has been excluded; such ore in 1925 amounted to 1,448,054 tons]

Yearly average or year	Production	Shipments	Exports	Imports
1881–1890	10,385			766
1891–1900	17,551			587
1901–1910	41,339		271	1,180
1911–1915	51,595	50,592	953	1,841
1916–1920	69,737	70,224	1,143	967
1921–1925	52,429	52,617	677	1,691
1911	43,877	40,990	768	1,812
1912	55,150	57,018	1,196	2,105
1913	61,980	59,643	1,042	2,595
1914	41,440	39,714	552	1,351
1915	55,526	55,493	708	1,341
1916	75,168	77,871	1,184	1,326
1917	75,289	75,573	1,132	972
1918	69,658	72,021	1,256	787
1919	60,965	56,373	997	476
1920	67,604	69,281	1,145	1,273
1921	29,491	26,653	440	316
1922	47,129	50,613	602	1,135
1923	69,351	69,811	1,117	2,768
1924	54,267	52,083	595	2,047
1925	61,908	63,925	631	2,191
1926	67,623	69,293	869	2,555

Production	1923	1924	1925	1926
REGION				
Lake Superior [1]	59,285	44,842	52,057	57,143
Birmingham	6,047	6,511	6,636	6,115
All other	4,019	2,914	3,216	1,376
STATE				
Alabama	6,783	6,994	7,093	6,848
Tennessee	267	180	165	139
Michigan	14,174	12,351	14,491	15,248
Minnesota	44,348	31,902	36,856	40,702
Wisconsin	871	690	817	1,323
Pennsylvania	993	807	956	1,096
New York	542	256	142	639
New Jersey	308	65	203	209
Wyoming	379	363	490	630
All other	686	859	696	790
KIND				
Hematite	[2] 65,924	52,102	[2] 59,547	[2,3] 64,635
Brown ore	[2] 1,233	[2] 814	[2] 885	[2] 811
Magnetite	2,191	1,348	1,472	[3] 2,175
Carbonate	3	3	5	2

[1] Includes only those mines in Wisconsin which are in true Lake Superior district.
[2] Some hematite included with brown ore. [3] Some hematite included with magnetite.

Source: Bureau of Mines, Department of Commerce.

No. 683.—BLAST FURNACES AND STEEL MILLS: Census Statistics

Year	Number of establishments	Wage earners (average number)	Wages	Value of products [1]	Value added by manufacture [2]	Primary horsepower
			Thousands of dollars			
1879	792	[3] 140,798	[3] 55,451	296,558	105,287	([4])
1889	719	171,181	89,273	478,688	151,415	784,358
1899	668	222,490	120,820	803,968	281,569	1,598,073
1904	605	242,640	141,427	905,788	285,642	2,422,577
1909	654	278,505	187,807	1,377,152	399,013	3,274,400
1914	587	278,072	210,923	1,236,319	380,913	[5] 3,925,869
1919	695	416,748	711,407	3,623,369	1,321,507	[5] 5,399,574
1921	628	254,213	354,357	1,901,431	535,256	([4])
1923	658	424,913	696,761	4,161,938	1,289,910	5,943,092
1925	595	399,914	660,297	3,711,354	1,281,976	6,143,927

[1] Includes much duplication.
[2] Value of products less cost of materials.
[3] Returns were not secured for number of salaried employees and it is probable that "wages" included amounts paid for salaries, and "wage earners" may have included some salaried employees.
[4] No data.
[5] This total differs slightly from the corresponding one published in previous reports because of the exclusion here and the inclusion in previous reports of data for rented power other than electric.

Source: Bureau of the Census, Department of Commerce.

No. 684.—PIG IRON: Production (Including Ferro-Alloys), 1810–1901

[Note.—For later years see Table 685]

Year	Long tons	Year	Long tons	Year	Long tons	Year	Long tons	Year	Long tons
1810	53,908	1870	1,665,179	1878	2,301,215	1886	5,683,329	1894	6,657,388
1820	20,000	1871	1,706,793	1879	2,741,853	1887	6,417,148	1895	9,446,308
1830	165,000	1872	2,548,713	1880	3,835,191	1888	6,489,738	1896	8,623,127
1840	286,903	1873	2,560,963	1881	4,144,254	1889	7,603,642	1897	9,652,680
1850	563,755	1874	2,401,262	1882	4,623,323	1890	9,202,703	1898	11,773,934
1855	700,159	1875	2,023,733	1883	4,595,510	1891	8,279,870	1899	13,620,703
1860	821,223	1876	1,868,961	1884	4,097,868	1892	9,157,000	1900	13,789,242
1865	831,770	1877	2,066,594	1885	4,044,526	1893	7,124,502	1901	15,878,354

Source: American Iron and Steel Institute.

No. 685.—PRODUCTION, EXPORTS, AND IMPORTS OF PIG IRON (INCLUDING FERRO-ALLOYS) AND PRODUCTION OF STEEL INGOTS AND CASTINGS

[NOTE.—All figures in long tons. Up to and including 1900 production figures represent calendar years and exports and imports years ending June 30 following the calendar year specified. All figures since 1900 are for calendar years]

Yearly average or year	Pig iron			Steel ingots and castings, production	Year	Pig iron			Steel ingots and castings, production
	Production	Exports of domestic	Imports			Production	Exports of domestic	Imports	
1871–1875	2,248,293	7,412	137,591	[1] 389,799	1911	23,649,547	120,799	148,450	23,676,106
1876–1880	2,562,763	3,407	276,600	803,479	1912	29,726,937	272,676	129,325	31,251,303
1881–1885	4,301,096	5,311	325,290	1,652,268	1913	30,966,152	277,648	156,450	31,300,874
1886–1890	7,079,312	12,407	229,970	3,292,763	1914	23,332,244	114,423	139,683	23,513,030
1891–1895	8,133,013	22,983	54,778	4,675,736	1915	29,916,213	224,509	89,836	32,151,036
1896–1900	11,491,937	224,268	34,308	8,439,938	1916	39,434,797	607,236	135,349	42,773,680
1901	15,878,354	81,211	62,930	13,473,595	1917	38,621,216	656,220	76,786	45,060,607
1902	17,821,307	27,487	619,354	14,947,250	1918	39,054,644	269,575	34,711	44,462,432
1903	18,009,252	20,379	599,574	14,534,978	1919	31,015,364	321,261	101,665	34,671,232
1904	16,497,033	49,025	79,500	13,859,887	1920	36,925,987	216,828	185,944	42,132,934
1905	22,992,380	49,221	212,466	20,023,947	1921	16,688,126	28,405	44,842	19,783,797
1906	25,307,191	83,317	379,828	23,398,136	1922	27,219,904	33,332	498,059	35,602,926
1907	25,781,361	73,703	489,475	23,362,594	1923	40,361,146	37,559	474,723	44,943,696
1908	15,936,018	46,696	92,202	14,023,247	1924	31,405,790	45,818	276,966	37,931,939
1909	25,795,471	61,989	176,442	23,955,021	1925	36,700,566	39,907	516,948	45,393,524
1910	27,303,567	127,385	237,233	26,094,919	1926	39,372,729	28,607	504,842	48,293,763

[1] 1875 only.

No. 686.—ANALYSIS OF PIG IRON AND FERRO-ALLOY PRODUCTION

[All figures in thousands of long tons unless otherwise specified]

	1900	1905	1910	1915	1920	1922	1923	1924	1925	1926
Total pig iron and alloys	13,789	22,992	27,304	29,916	36,926	27,220	40,361	31,406	36,701	39,373
By States:										
New England	14	16	17	8	10	1	1	-------	-------	} 2,729
New York, New Jersey	463	1,509	2,203	2,105	2,601	1,772	2,952	2,014	2,188	
Pennsylvania	6,366	10,579	11,272	12,791	13,983	9,732	14,805	11,069	12,523	13,588
Maryland	290	332	326	252	524	367	530	558	705	805
Virginia	491	510	445	251	429	49	277	98	125	103
Alabama	1,184	1,604	1,939	2,049	2,393	2,231	2,797	2,774	2,836	2,953
Ohio	2,471	4,586	5,752	6,913	8,533	6,484	9,348	7,415	8,863	9,359
Illinois	1,363	2,034	2,676	2,447	3,281	2,625	3,839	2,601	3,604	3,660
Indiana, Michigan	164	289	1,250	1,987	2,940	2,727	3,813	3,350	4,120	4,377
Wisconsin, Minnesota	185	351	307	373	711	381	725	357	468	537
All other	798	1,182	1,117	741	1,520	851	1,274	1,170	1,267	1,260
By disposition:										
For sale	(1)	(1)	(1)	8,583	10,724	6,502	10,522	8,411	8,991	9,760
For maker's use	(1)	(1)	(1)	21,333	26,202	20,718	29,839	22,995	27,710	29,612
By kinds:										
Basic	1,072	4,105	9,085	13,093	16,738	13,841	19,796	15,999	19,667	21,168
Bessemer	7,979	12,407	11,246	10,523	12,062	7,813	11,678	8,172	9,419	10,042
Foundry (incl. ferrosilicon)	3,376	4,758	5,260	4,844	5,958	3,976	6,470	5,623	5,410	5,753
Malleable	173	635	843	830	1,311	1,051	1,571	973	1,554	1,682
Forge	793	728	564	316	318	214	327	256	241	216
Ferromanganese, spiegeleisen, and all other	395	359	306	310	539	323	520	382	409	511
Pig iron by fuel used:										
Coke [2]	11,728	20,965	26,258	29,535	36,300	26,995	40,097	31,193	36,504	38,535
Anthracite [3]	1,677	1,675	649	85	303	-------	13	-------	-------	-------
Charcoal	384	353	397	296	323	225	251	213	169	164
Ferro-alloys (all fuels) [4]	-------	-------	-------	-------	-------	-------	-------	-------	-------	674
Materials used:										
Iron ore, briquettes, etc.	24,131	41,525	51,739	55,137	66,450	47,835	72,312	55,675	65,450	(1)
Cinder, scale, etc.	1,600	(1)	2,800	4,483	4,986	4,163	5,430	4,602	5,017	(1)
Coke and bituminous coal—1,000 short tons	(1)	(1)	(1)	33,329	42,046	29,225	44,819	34,335	39,296	(1)
Limestone	7,422	11,627	14,528	14,790	17,825	11,720	17,985	13,113	15,154	(1)
Total number of furnaces	406	424	473	445	452	449	432	425	395	371
Furnaces in blast Dec. 31	232	313	206	310	216	263	239	235	238	203

[1] Not available. [2] Includes pig iron and ferro-alloys made with electricity, electricity and coke, etc. [3] Includes pig iron made of mixed anthracite and coke. [4] Included with pig iron prior to 1926.

Source of Tables 685 and 686: American Iron and Steel Institute.

No. 687.—PRODUCTION OF STEEL INGOTS AND CASTINGS, BY GRADES

[NOTE.—All figures in long tons. Blank spaces indicate that figures are not available]

Year	Total	Bessemer	Open hearth			Crucible	Electric	Miscellaneous
			Total	Basic	Acid			
1890	4,277,071	3,688,871	513,232			71,175		3,793
1900	10,188,329	6,684,770	3,398,135	2,545,091	853,044	100,562		4,862
1905	20,023,947	10,941,375	8,971,376	7,815,728	1,155,648	102,233		8,963
1910	26,094,919	9,412,772	16,504,509	15,292,329	1,212,180	122,308	52,141	3,194
1915	32,151,036	8,287,213	23,679,102	22,308,725	1,370,377	113,782	69,412	1,527
1920	42,132,934	8,883,087	32,671,895	31,375,723	1,296,172	72,265	502,152	3,535
1924	37,931,939	5,899,590	31,577,350	30,719,523	857,827	22,473	432,526	
1925	45,393,524	6,723,962	38,034,488	37,087,342	947,146	19,562	615,512	
1926	48,293,703	6,948,449	40,678,098	39,653,315	1,024,783	15,493	651,723	

Source: American Iron and Steel Institute.

No. 688.—PRODUCTION OF ROLLED AND MISCELLANEOUS STEEL PRODUCTS

[Note.—All figures in thousands of long tons unless specified. Blank spaces indicate figures not available]

	1905	1910	1915	1920	1923	1924	1925	1926
Rolled products, total	16,840	21,621	24,393	32,348	33,227	28,086	33,387	35,496
Rails	3,376	3,636	2,204	2,604	2,905	2,433	2,785	3,218
Bessemer	3,192	1,884	327	143	26	16	10	13
Open hearth	183	1,751	1,775	2,334	2,739	2,308	2,692	3,108
Rerolled			102	127	140	110	84	97
Sheets and plates	3,532,	4,955	6,078	9,338	9,498	8,088	9,808	10,529
Universal			955	1,250	1,304	1,002	1,196	1,408
Sheared			1,923	3,505	2,865	2,147	2,557	2,794
Black sheets[1]			1,837	2,886	3,503	3,206	4,097	4,237
Black plates for tinning			1,093	1,449	1,499	1,415	1,632	2,090
Other black-plate specialties			270	247	327	257	325	
Nail and spike plate	65	45	32	21	23	22	22	17
Wire rods	1,809	2,242	3,096	3,137	3,076	2,523	2,845	2,722
Structural shapes	1,661	[2] 2,267	2,437	3,367	3,405	3,284	3,604	3,912
Merchant bars	3,594	3,786	4,131	6,130	5,553	4,281	5,659	5,474
Skelp	1,436	1,828	2,299	3,220	3,734	3,171	3,230	3,765
Hoops	446	262	282	333	221	179	205	190
Bands and cotton ties		425	438	389	348	294	356	356
Splice and tie-plate bars			536	576	750	630	823	954
Rolled forging blooms, billets, etc.	42	460	651	447	449	347	345	363
All other rolled products	881	1,715	2,208	2,846	3,316	2,835	3,726	3,996
Miscellaneous products:								
Tin plate (million pounds)		1,450	2,202	3,080	3,168	2,975	3,459	3,750
Terneplates (million pounds)		168	163	158	207	203	255	242
Galvanized sheets (million pounds)			1,582	1,871	2,365	2,229	2,539	2,788
Galvanized formed products (million pounds)			112	144	166	156	178	155
Wire nails (thousands of kegs[3])	10,855	12,705	14,583	16,450	17,673	15,101	15,454	14,869
Cut nails (thousands of kegs[3])	1,358	1,005	775	845	830	742	736	662
Wrought pipe, incl. boiler tubes			1,920	3,003	3,351	2,824	3,031	3,403
Boiler tubes			97	119	91	56	63	61
Seamless steel tubes			140	292	404	261	568	775
Cast-iron pipe (1,000 short tons)			1,215	887	1,567	1,841	1,925	2,004
Forgings made by rolling mills		320	524	540	519	350	388	452

[1] Rolled on sheet or jobbing mills.
[2] Small structural forms not included.
[3] Of 100 pounds.

Source: American Iron and Steel Institute

No. 689.—PRODUCTION, EXPORTS, AND IMPORTS OF FINISHED ROLLED IRON AND STEEL

[NOTE.—All figures in long tons. Blank spaces indicate that figures are not available]

Calendar year	Total production, finished rolled products	Rails			Plates and sheets		
		Production	Exports	Imports	Production	Exports	Imports
1875		707,600	1,080	17,364			
1880		1,305,212	958	259,543			
1885		976,978	7,757	2,189			
1890	6,022,875	1,885,307	16,947	204	809,981		
1895	6,189,574	1,306,135	15,599	1,447	991,459		
1900	9,487,443	2,385,682	361,619	1,448	1,794,528	54,865	5,143
1905	16,840,015	3,375,929	295,023	17,278	3,532,230	75,097	2,336
1906	19,588,468	3,977,887	328,036	4,943	4,182,156	110,700	3,231
1907	19,864,822	3,633,654	338,906	3,752	4,248,832	122,696	3,748
1908	11,828,193	1,921,015	196,510	1,719	2,649,693	104,993	2,629
1909	19,644,690	3,023,845	299,540	1,542	4,234,346	180,047	4,720
1910	21,621,279	3,636,031	353,180	7,861	4,955,484	274,521	6,152
1911	19,039,171	2,822,790	420,874	3,414	4,488,049	372,373	2,453
1912	24,656,841	3,327,915	446,473	3,780	5,875,080	546,521	3,299
1913	24,791,243	3,502,780	460,553	10,408	5,751,037	463,426	2,893
1914	18,370,196	1,945,095	174,680	22,571	4,719,246	280,095	4,310
1915	24,392,924	2,204,203	391,379	78,525	6,077,694	419,604	1,420
1916	32,380,389	2,854,518	540,828	26,299	7,453,980	515,558	1,730
1917	33,067,700	2,944,161	512,669	9,203	8,267,616	851,529	1,748
1918	31,155,754	2,540,892	453,537	8,705	8,799,135	854,136	1,517
1919	25,101,544	2,203,843	652,443	17,008	7,372,814	1,042,697	1,095
1920	32,347,863	2,604,116	594,628	45,684	9,337,080	1,273,558	1,792
1921	14,774,006	2,178,818	321,822	22,048	4,260,574	607,370	1,976
1922	26,452,004	2,171,776	277,090	26,629	7,968,397	439,417	[1] 1,947
1923	33,277,076	2,904,516	267,409	29,706	9,497,717	386,405	[1] 4,572
1924	28,086,435	2,433,332	208,496	43,353	8,087,883	360,540	[1] 6,066
1925	33,386,960	2,785,257	151,690	36,872	9,807,659	385,573	[1] 4,481
1926	35,495,892	3,217,649	187,557	55,212	10,529,056	517,684	[1] 15,616

Calendar year	Nail-plate production	Wire rods			Structural shapes			All other finished rolled production
		Production	Exports	Imports	Production	Exports	Imports	
1890	251,828	457,099						2,618,660
1895	95,085	791,130			517,920			2,487,845
1900	70,245	846,291	10,652	21,092	815,161	67,714		3,575,536
1905	64,542	1,808,688	6,514	17,616	1,660,519	84,234	16,147	6,398,107
1906	54,211	1,871,614	5,805	17,799	2,118,772	112,555	28,573	7,383,828
1907	52,027	2,017,583	10,697	17,076	1,940,352	138,442	2,294	7,972,374
1908	45,747	1,816,949	7,412	11,209	1,083,181	116,881	3,623	4,311,608
1909	63,746	2,335,685	20,142	10,544	2,275,562	90,330	6,146	7,711,506
1910	45,294	2,241,830	22,869	20,374	[2] 2,266,890	146,721	14,897	8,475,750
1911	48,522	2,450,453	22,641	15,483	[2] 1,912,367	223,493	5,343	7,316,990
1912	45,331	2,653,553	64,978	15,069	2,846,487	288,164	3,120	9,908,475
1913	37,503	2,464,807	61,637	16,098	3,004,972	403,264	11,659	10,030,144
1914	38,573	2,431,714	61,856	6,954	2,031,124	182,395	10,145	7,204,444
1915	31,929	3,095,907	165,014	5,317	2,437,003	232,139	1,494	10,546,188
1916	30,088	3,518,746	158,284	4,130	3,029,964	300,594	1,473	15,493,093
1917	22,864	3,137,138	181,941	1,060	3,110,000	294,150	6,216	15,585,921
1918	18,310	2,562,390	148,523	7,677	2,849,969	232,729	3,504	14,385,058
1919	12,832	2,538,476	118,010	342	2,614,036	360,787	1,154	10,359,543
1920	20,577	3,136,907	116,775	5,488	3,306,748	493,633	1,685	13,941,835
1921	14,573	1,564,330	18,953	917	1,272,624	297,022	777	5,483,087
1922	21,969	2,654,741	40,424	1,735	2,718,768	167,585	7,823	10,916,353
1923	22,833	3,075,892	40,868	3,948	3,405,197	199,021	10,674	14,370,921
1924	22,175	2,522,545	18,762	6,851	3,283,708	167,910	43,245	11,736,792
1925	22,038	2,844,656	21,207	7,988	3,604,130	169,251	77,291	14,323,220
1926	17,337	2,722,032	19,646	10,075	3,911,663	233,060	121,100	15,098,155

[1] Includes skelp.
[2] Production of small structural forms not included.

Source: American Iron and Steel Institute (exports and imports compiled from Government statistics).

No. 690.—PRODUCTS OF STEEL WORKS AND ROLLING MILLS AND OF THE WIRE, TIN-PLATE, AND CAST-IRON PIPE INDUSTRIES

[NOTE.—The overlapping of the industries shown in this table results in considerable duplication. Products of steel works and rolling mills listed under Groups B, C, and D, if used in the same works, are not included, but for items under Group A the quantity of all finished products is shown, although no values have been included for such products consumed in the same works these being included under Group E. The products chiefly used further in manufacture are wire rods, plates and sheets, black plates for tinning, and skelp. The data given under "Wire" and "Tin and terneplate" include products of these departments of steel works and rolling mills. The original census tables contain much fuller detail as to the disposition of semifinished products]

Industry and product	Quantity in thousands of unit specified				Value in thousands of dollars		
	Unit	1921	1923	1925	1921	1923	1925
STEEL WORKS AND ROLLING MILLS							
All products, total value					1,481,659	3,154,325	2,946,068
A. Finished rolled products and forgings, total.	Ton	10,694	25,377	[1] 32,808	662,244	1,545,528	1,379,483
Rails	do	2,100	2,748	2,703	98,630	113,644	114,335
Rail joints and fastenings	do	383	772	817	24,330	43,193	46,724
Structural shapes (not fabricated)	do	1,291	3,501	3,665	57,274	161,750	154,814
Reinforced concrete bars	do	202	617	647	10,268	32,446	32,284
Merchant bars, mill shafting, etc.—							
Steel	do	1,416	5,076	[1] 5,174	86,508	316,517	301,604
Iron	do	214	411	271	14,392	29,419	16,896
Bolt and nut rods, spike and chain rods, etc.	do	251	491	380	1,784	4,238	3,311
Wire rods	do	1,578	3,091	2,999	33,065	62,003	54,713
Plates No. 12 and thicker	do	1,722	4,305	3,953	92,825	220,454	180,669
Sheets No. 13 and thinner	do	1,440	3,549	3,960	84,214	238,693	234,438
Black plates (or sheets for tinning).	do	781	1,489	1,648	3,627	10,397	----------
Skelp	do	2,312	3,647	3,446	31,552	69,215	54,431
Hoops, bands, strips, and cotton ties.	do	480	1,405	1,734	32,091	102,598	86,048
Nail and tack plate	do	20	42	31	582	1,496	802
Axles	do	36	206	135	3,385	15,408	11,387
Armor plate and ordnance	do	71	9	1	39,675	1,921	424
Car and locomotive wheels	do	83	245	147	10,775	23,345	15,345
All other rolled and forged iron and steel products.	do	415	1,059	[1] 1,097	37,267	97,791	71,258
B. Semifinished rolled products (for sale or transfer), total.	do	4,716	11,434	11,388	175,748	455,460	405,411
Blooms, billets, and slabs	do	2,739	7,133	6,828	102,205	280,692	243,333
Rolled blooms, billets, and slabs, for forging.	do	30	135	153	1,441	8,522	7,283
Sheet and tin-plate bar	do	1,905	4,063	4,350	69,622	159,811	151,755
Muck and scrap bar	do	31	99	54	1,941	6,065	2,768
All other	do	11	4	3	539	372	272
C. Unrolled steel (for sale or transfer), total.	do	746	1,606	1,473	88,039	181,496	160,774
Ingots	do	331	553	535	14,379	18,885	16,359
Direct steel castings	do	415	1,054	938	73,660	162,611	144,415
D. Scrap iron and steel (for sale or transfer).	do	1,165	2,218	2,219	16,783	37,101	37,627
E. All other (including value added to rolled products by further manufacture).	do	----------	----------	----------	541,694	934,741	962,773
WIRE (all metals)							
All products, total value		----------	----------	----------	251,235	486,654	456,396
Iron and steel wire: [2]							
Plain	Ton	1,725	3,125	2,963	33,501	73,999	71,842
Galvanized	do	530	952	804	16,136	23,011	17,246
Other coated	do	19	96	43	2,093	6,383	5,198
Cold-rolled flat	do	60	142	155	8,872	19,694	18,859
Copper wire	Lb	305,404	697,464	504,429	35,603	84,786	85,507
Brass wire	do	21,972	68,038	64,139	3,974	16,460	12,228
Other metal wire	do	19,849	29,461	45,589	5,487	9,903	13,682

[1] Not comparable with previous years, which do not include quantities consumed in same works.
[2] Including considerable quantities consumed where maufactured, for which no values are given. (See headnote.)

No. 690.—Products of Steel Works and Rolling Mills, and of the Wire Tin-Plate, and Cast-Iron Pipe Industries—Continued

Industry and product	Quantity in thousands of unit specified				Value in thousands of dollars		
	Unit	1921	1923	1925	1921	1923	1925
WIRE—continued							
Fabricated wire products:							
Iron and steel—							
Nails and spikes	Keg [3]	11,298	17,376	15,234	41,506	61,973	51,126
Brads and tacks	Lb	2,646	3,495	5,236	329	380	577
Staples	do	41,735	62,618	51,489	1,536	2,278	1,755
Barbed wire	Ton	139	254	241	11,051	19,123	16,157
Rope, cable, and strand	do	57	114	115	14,826	29,427	30,408
Woven-wire and netting	do	242	413	325	24,642	37,364	27,576
Other woven-wire products	do	23	15	43	5,344	5,403	6,361
Other fabricated wire products	do	62	109	131	6,639	11,365	12,462
Copper—							
Insulated wire	Lb	90,680	135,718	135,756	17,463	28,024	29,199
Insulated cable	do	41,260	[4] 173,908	91,725	8,506	[4] 36,068	23,704
	Ft			46,588			9,077
Rubber insulated	Lb	33,144	79,154	67,265	7,219	18,000	18,531
	Ft			39,184			4,209
Paper insulated	Lb	8,116	50,754	15,197	1,287	9,873	2,765
	Ft			7,404			4,868
Other insulated							2,408
Other fabricated products					7,325	8,216	8,884
All other products					6,402	12,797	14,488
TIN PLATE AND TERNEPLATE							
All products, total value					99,129	165,587	190,918
Tin plate	Lb	1,638,373	3,159,251	3,480,401	90,531	154,636	179,382
Terneplate	do	87,408	137,301	181,436	5,651	7,840	9,229
All other products	do				2,947	3,111	2,307
CAST-IRON PIPE INDUSTRY [5]							
All products, total value				2,761	44,321	92,674	100,388
Gas and water pipe and fittings	Ton	557	1,140	1,437	28,541	63,916	71,192
Soil and plumbers' pipe and fittings	do	211	425	469	11,656	24,033	23,579
Castings, other	do	24	23	26	2,833	2,810	2,891
All other				829	1,291	1,915	2,726

[3] Of 100 pounds.
[4] Includes 44,000,000 pounds not segregated as to kind of insulation, and valued at $8,194,622.
[5] Subsidiary cast-iron pipe products of other industries included for 1914, but not for 1921 and 1923.

Source: Bureau of the Census, Department of Commerce.

No. 691.—AGGREGATE DOMESTIC EXPORTS OF HEAVY IRON AND STEEL [1]

[Quantities in thousands of long tons; values in thousands of dollars]

Year	Quantity	Value	Year	Quantity	Value	Year	Quantity	Value
1890	52		1909	1,244	50,777	1920	4,935	458,376
1895	89		1910	1,538	63,436	1921	2,213	214,830
1900	1,154	42,518	1911	2,188	186,599	1922	1,995	136,334
1901	701	29,050	1912	2,948	12,535	1923	2,010	167,247
1902	372	15,889	1913	2,746	08,875	1924	1,806	150,494
1903	327	14,533	1914	1,550	163,409	1925	1,763	144,262
1904	1,168	35,248	1915	3,533	340,993	1926	2,167	174,483
1905	1,010	33,813	1916	6,101	553,971			
1906	1,326	52,215	1917	6,439	567,041	Per cent change from 1925		
1907	1,302	60,046	1918	5,375	458,279			
1908	964	43,397	1919	4,400	10,164		+22.9	+20.9

[1] Beginning with 1922 the small item "steam and hot water heating boilers and radiators" is omitted.

Source: Bureau of Foreign and Domestic Commerce.

No. 692.—EXPORTS OF HEAVY IRON AND STEEL PRODUCTS

[NOTE.—This and the following table exclude the highly elaborated manufactures of iron and steel]

Articles	Quantity (long tons)				Value (thousands of dollars)			
	1923	1924	1925	1926	1923	1924	1925	1926
Total	2,010,166	1,806,266	1,762,551	2,167,048	167,247	150,494	144,262	174,483
Pig iron, not including ferroalloys	32,318	41,483	32,674	25,280	862	958	725	524
Ferromanganese and spiegeleisen	4,295	3,165	5,496	693	151	92	161	44
Ferrosilicon	814	775			31	29		
Scrap	65,980	97,748	82,573	104,647	1,036	1,531	1,377	1,794
Ingots, blooms, billets, sheet bars, and skelp	111,881	96,160	87,479	100,956	5,931	4,661	3,892	4,555
Iron bars	12,662	5,054	4,616	5,171	1,076	514	425	445
Steel bars	158,319	99,534	111,950	137,770	10,743	7,190	7,605	8,935
Alloy steel bars	2,148	2,742	3,692	4,946	770	615	703	923
Wire rods	40,868	18,762	21,207	19,646	2,163	1,048	1,082	1,086
Galvanized sheets	114,750	108,152	160,269	178,636	12,396	11,940	16,842	18,392
Plates, iron and steel	115,462	85,048	104,448	138,258	7,353	5,248	6,205	7,602
Black steel sheets	139,105	148,742	95,433	175,640	13,515	13,302	8,211	14,195
Black iron sheets	14,158	11,005	14,771	19,425	1,655	1,239	1,473	2,032
Hoop, band, and strip steel	38,244	34,141	40,938	46,838	3,502	2,943	3,124	3,445
Tin plate, terneplate, etc	124,499	160,997	161,385	250,736	14,792	19,430	18,587	28,760
Structural shapes, plain material	122,062	102,408	104,339	157,121	7,020	5,990	5,470	7,655
Structural materials, fabricated	78,396	70,786	73,463	77,808	6,713	6,978	5,793	6,952
Metal lath	1,493	2,309	3,441	4,376	260	419	577	729
Steel rails	267,409	208,496	151,690	187,760	10,274	7,951	6,155	7,643
Rail fastenings, switches, frogs, etc	39,589	36,113	35,367	41,768	3,784	3,486	3,250	3,344
Boiler tubes and welded pipe	185,907	200,951	229,792	275,399	20,189	20,969	22,818	26,522
Cast-iron pipe and fittings	28,065	28,771	32,206	34,130	4,732	4,477	3,901	4,099
Malleable-iron screwed pipe fittings	7,748	11,024	9,886	12,371	2,400	2,856	2,825	3,434
Barbed-wire and woven-wire fencing	74,846	90,444	71,117	50,718	6,737	6,970	5,234	3,719
Plain wire	92,232	37,047	35,598	31,311	8,075	3,362	3,190	2,710
Wire cloth and screening	1,960	1,631	1,854	1,989	851	695	744	746
Wire rope	6,256	4,187	4,376	4,779	1,675	1,220	1,258	1,446
Insulated wire and cable	1,450	978	642	738	687	398	268	273
Wire, other, and manufactures thereof	14,572	11,225	8,376	8,982	2,587	2,156	1,991	1,983
Wire nails	45,981	21,665	9,838	11,743	4,103	1,934	834	885
Nails other than wire, including tacks	8,759	7,886	8,318	7,924	1,945	1,605	1,519	1,356
Horseshoes	951	963	709	660	149	122	116	102
Bolts, nuts, rivets, and washers [1]	18,907	17,495	16,962	13,220	3,823	2,931	2,819	2,409
Car wheels and axles	20,291	22,329	19,935	16,644	1,891	1,946	1,734	1,487
Iron castings	10,046	8,460	10,412	8,837	1,561	1,447	1,421	1,276
Steel castings	4,724	5,879	4,210	7,564	1,126	1,409	1,122	1,829
Forgings	3,019	1,714	2,171	2,044	689	428	556	533

[1] Except track.

No. 693.—IRON AND STEEL: EXPORTS BY DESTINATIONS

[NOTE.—All figures in long tons (2,240 pounds). Products covered are those listed in Table 692]

Country	1924	1925	1926	Country	1924	1925	1926
Belgium	9,542	9,034	(1)	Columbia	39,288	77,336	71,128
France	2,625	9,047	10,393	Ecuador	3,805	2,218	(1)
Germany	1,235	2,488	(1)	Peru	28,177	17,895	37,819
Italy	22,511	41,767	23,486	Uruguay	4,597	5,433	(1)
Netherlands	2,262	2,735	(1)	Venezuela	24,874	35,232	68,116
Norway	3,250	3,470	(1)	India and Ceylon	23,675	25,925	(1)
Spain	4,299	6,117	(1)	China	57,126	56,816	46,054
United Kingdom	[2] 56,855	52,261	68,765	Chosen	706	215	(1)
Canada	550,593	614,661	(1)	Dutch East Indies	26,843	25,194	41,024
Central America	50,219	52,542	49,711	Hong Kong	11,086	3,569	(1)
Mexico	108,512	102,412	100,791	Japan	277,204	132,674	(1)
British West Indies	7,458	9,862	10,579	Kwantung	17,204	1,802	20,249
Cuba	165,637	146,823	94,730	Philippine Islands	48,909	46,896	57,554
Dominican Republic	11,309	10,487	(1)	Australia	23,148	22,543	33,353
Argentina	55,388	87,296	60,105	New Zealand	3,230	2,060	(1)
Brazil	68,139	46,016	62,542	British South Africa	[3] 31,367	23,208	9,393
Chile	31,854	44,940	61,642				

[1] Not available. [2] Including the Irish Free State. [3] All British Africa.

Source of Tables 692 and 693: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 694.—IRON AND STEEL: Average Annual Prices

[Prices of pig iron, rails, and billets in dollars per long ton; other prices in dollars per 100 pounds]

Year	Pig iron				Rails at mills in Pennsylvania [2]	Bessemer steel billets, Pittsburgh	Soft-steel bars, Pittsburgh	Iron bars, Pittsburgh [3]	Tank plates, Pittsburgh	Beams, Pittsburgh	Composite finished steel
	Bessemer, Pittsburgh	Basic, The Valleys	Southern, No. 2, Cincinnati	Local, No. 2, Chicago [1]							
1890	18.87	--------	15.11	16.66	31.78	30.29	--------	1.84	--------	--------	--------
1895	12.72	--------	10.86	11.80	24.33	18.48	--------	1.25	--------	--------	--------
1896	12.14	--------	10.29	11.64	28.00	18.83	--------	1.21	--------	--------	--------
1897	10.13	--------	9.42	10.68	18.75	15.08	--------	1.10	--------	--------	--------
1898	10.33	--------	9.46	11.32	17.62	15.31	0.95	1.07	1.08	1.17	--------
1899	19.03	--------	16.58	18.40	28.12	31.12	1.84	1.95	2.21	1.81	--------
1900	19.49	--------	17.04	19.47	32.29	25.06	1.59	2.15	1.54	1.91	--------
1901	15.93	--------	13.61	15.38	27.33	24.13	1.42	1.80	1.55	1.58	--------
1902	20.67	--------	20.00	20.86	28.00	30.57	1.58	1.94	1.70	1.81	--------
1903	18.98	--------	17.08	19.25	28.00	27.91	1.56	1.77	1.61	1.62	--------
1904	13.76	--------	12.73	14.37	28.00	22.18	1.33	1.48	1.54	1.54	1.71
1905	16.36	15.25	15.57	17.65	28.00	24.03	1.48	1.87	1.58	1.62	1.76
1906	19.54	18.10	18.37	20.43	28.00	27.45	1.51	1.93	1.61	1.70	1.77
1907	22.84	20.87	23.10	24.50	28.00	29.25	1.60	1.94	1.70	1.70	1.92
1908	17.07	15.16	15.54	17.57	28.00	26.31	1.49	1.60	1.64	1.64	1.86
1909	17.41	15.48	16.12	17.49	28.00	24.62	1.33	1.62	1.42	1.42	1.63
1910	17.19	14.76	15.16	17.09	28.00	25.38	1.44	1.65	1.47	1.45	1.66
1911	15.71	13.07	13.67	14.83	28.00	21.46	1.26	1.41	1.31	1.32	1.54
1912	15.94	13.92	14.93	15.32	28.00	22.38	1.29	1.44	1.33	1.32	1.53
1913	17.13	14.71	14.90	15.85	28.00	25.79	1.55	1.69	1.50	1.50	1.66
1914	14.89	12.87	13.41	13.60	30.00	20.09	1.15	1.32	1.14	1.15	1.43
1915	15.78	13.74	13.57	14.01	30.00	22.44	1.31	1.48	1.31	1.30	1.53
1916	23.86	19.76	18.67	20.26	34.00	43.95	2.67	2.13	3.53	2.55	2.67
1917	43.64	38.90	38.95	41.31	40.00	70.96	3.64	3.83	5.88	3.67	4.19
1918	36.67	32.50	36.56	33.25	57.00	47.33	2.89	4.31	3.24	2.99	3.54
1919	31.09	27.65	32.16	29.16	49.29	40.51	2.50	4.10	2.72	2.53	3.12
1920	44.39	42.21	44.47	42.53	54.38	56.22	3.22	4.75	3.28	2.95	3.68
1921	25.34	21.74	26.68	22.93	45.69	34.46	1.87	4.47	1.93	1.94	2.53
1922	27.58	24.20	23.93	24.85	40.75	33.95	1.72	3.35	1.72	1.71	2.22
1923	28.68	25.81	27.87	28.16	43.00	41.70	2.36	3.50	2.43	2.43	2.74
1924	23.29	20.24	23.92	22.11	43.00	37.99	2.20	4.00	2.12	2.19	2.61
1925	22.33	19.59	23.74	22.09	43.00	35.23	2.02	--------	1.91	1.99	2.47
1926	21.33	18.55	24.71	21.64	43.00	36.00	2.00	--------	1.88	1.95	2.44

[1] At furnace after 1907.
[2] Bessemer rails to end of 1913; open-hearth thereafter. The extra $2 per gross ton charged for many years on open-hearth rails was annulled, Oct. 22, 1921.
[3] All muck iron prior to 1892; subsequently, best refined.

Sources: Iron Age and American Iron and Steel Institute.

No. 695.—ALUMINUM AND BAUXITE: Production, Exports, and Imports

	1913	1920	1922	1923	1924	1925	1926
BAUXITE							
Quantities, long tons:							
Production	210,241	521,308	309,600	522,690	347,570	316,540	392,250
Georgia, Alabama, and Tennessee	40,370	40,029	42,810	28,810	19,940	20,220	20,680
Arkansas	169,871	481,279	266,790	493,880	327,630	296,320	371,570
Imports for consumption	21,456	42,895	23,656	119,020	201,974	353,696	281,644
Exports	(1)	22,257	19,617	78,560	77,065	78,633	87,770
Value of production [2] (1,000 dollars)	998	3,247	2,012	3,157	2,138	1,988	2,415
ALUMINUM							
Value, 1,000 dollars:							
Production—							
Primary metal	9,450	41,375	13,622	28,305	37,607	36,430	37,583
Secondary metal	2,199	9,489	6,086	10,825	14,596	24,816	24,291
Imports for consumption, total	4,784	13,077	9,695	8,743	7,145	10,107	16,779
Crude and semicrude	4,388	12,184	8,287	8,317	6,860	9,806	16,422
Manufactures	396	893	1,408	426	285	301	357
Exports, total	966	5,631	2,836	3,572	4,172	6,057	4,452
Crude and semicrude	--------	3,068	1,127	1,518	1,632	3,366	2,135
Manufactures	--------	2,563	1,709	2,054	2,540	2,691	2,317
Quantities, 1,000 pounds:							
Imports (crude and semicrude)	25,095	39,299	43,892	42,477	31,810	41,997	71,392
Exports (crude and semicrude)	(2)	9,408	4,347	5,540	6,343	12,642	7,634

[1] Unavailable. [2] F. o. b mines.

Source: Bureau of Mines, Department of Commerce.

No. 696.—COPPER: Production, Exports, Imports, and Consumption

[Note.—All quantities except ore produced in millions and tenths of millions of pounds. Owing to the varying stages of production, the stocks in different classes of hands, the redistribution of copper previously purchased, the recovery and use of old copper, etc., calculations of consumption are somewhat uncertain. The American Bureau of Metal Statistics presents consumption estimates rather widely different from those given below. Consumption as shown represents the quantity of copper withdrawn on domestic account, but not actual domestic consumption, as no account is taken of consumers' stocks]

Item	1910	1915	1920	1922	1923	1924	1925	1926
UNREFINED COPPER								
Ore produced (million short tons)	28.5	43.4	36.8	26.9	45.5	49.2	53.1	(1)
Average copper yield, per cent	1.88	1.66	1.63	1.74	1.58	1.59	1.54	(1)
Smelter output	1,080.2	1,388.0	1,209.1	950.3	1,435.0	1,634.2	1.674.9	1,739.6
Mine production	1,088.2	1,488.1	1,224.6	964.6	1,477.7	1,606.2	1,678.1	(1)
Imports, unrefined:								
Ore	64.2	92.1	52.0	71.2	90.2	105.2	107.6	106.7
Concentrates	21.0	22.3	46.8	32.9	49.9	41.7	54.0	44.8
Matte and regulus			17.6	8.7	3.0	1.1	1.7	2.1
Black, in bars, pigs, etc	[2] 259.2	[2] 193.8	244.7	302.6	395.3	471.0	379.3	443.8
REFINED COPPER PRODUCTION								
Total new and old copper	1,611.0	2,027.0	2,151.0	1,927.0	2,802.0	3,037.0	3,045.0	(1)
New copper (primary)	1,422.0	1,634.2	1,526.2	1,255.5	1,979.8	2,260.1	2,204.6	2,322.5
Domestic	1,071.9	1,387.7	1,182.4	904.7	1,464.2	1,674.2	1,682.9	1,731.3
Foreign	350.1	246.5	343.7	350.8	515.7	585.9	521.7	591.2
Electrolytic	1,128.3	1,360.8	1,351.7	1,112.6	1,812.3	2,076.3	2,050.6	2,142.0
Lake	221.5	236.8	153.5	122.5	137.7	145.3	138.0	172.4
Casting and best select [3]	72.3	36.6	21.0	20.4	29.8	38.4	15.9	8.1
Old copper rerefined (secondary)	189.0	392.4	624.9	671.8	821.8	776.6	840.4	959.6
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	1,422.0	1,634.21	,526.2	1,255.5	1,979.8	2,260.1	2,204.6	2,322.5
Refined copper imported	(2)	(2)	108.7	103.1	[4] 160.7	145.9	99.8	170.6
Refined copper exported [5]	708.3	588.8	553.1	705.0	792.1	1,072.2	1,022.3	900.9
Stocks, Dec. 31 (refined)	122.8	82.4	659.0	216.0	264.0	243.0	124.0	146.0
Withdrawn on domestic account:								
New refined copper	732.4	1,136.6	1,053.8	896.6	1,300.5	1,354.7	1,401.0	1,570.1
New and old copper [6]	921.0	1,529.0	1,679.0	1,568.0	2,122.0	2,131.0	2,241.0	2,529.7

[1] Not available.
[2] Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.
[3] Includes pig for years 1915 through 1921.
[4] Revised.
[5] Includes the small exports of unrefined black blister and converter copper (bars, pigs, etc.) for years prior to 1923.
[6] Total from preceding line plus production of secondary copper as given above.

No. 697.—COPPER: State of Origin of Ore Smelted

[Quantities in thousands of pounds]

State of origin	1900	1910	1915	1920	1923	1924	1925	1926
Total	606,117	1,080,160	1,388,010	1,209,061	1,435,000	1,634,249	1,674,870	1,739,622
Alaska		4,311	70,695	66,094	68,648	77,053	72,204	67,632
Arizona	118,318	297,251	432,468	552,989	615,494	672,365	722,653	729,325
California	28,511	45,760	37,658	11,822	27,043	49,434	46,944	30,443
Colorado	7,827	9,307	7,272	4,283	4,343	4,159	3,163	4,658
Idaho	290	6,878	6,218	1,922	3,664	3,149	3,144	1,171
Michigan	145,461	221,463	238,956	153,484	137,691	145,333	138,030	174,779
Missouri			306	533	217	185	12	54
Montana	270,754	283,079	268,263	177,744	224,354	249,322	270,605	257,272
Nevada	408	64,495	67,757	55,580	63,496	77,281	77,138	109,042
New Mexico	4,169	3,785	62,817	52,160	57,521	78,146	76,467	82,348
Oregon		22	797	2,529	1,182	717	126	279
Pennsylvania		741		618	1,122	1,264	562	496
Tennessee		16,692	18,205	16,728	18,722	18,252	19,789	18,602
Utah	18,355	125,185	175,178	110,358	210,118	256,531	242,731	259,649
Washington		65	904	2,126	839	979	1,185	1,337
Undistributed	12,024	1,127	514	92	545	80	117	2,037

Source of Tables 696 and 697: Bureau of Mines, Department of Commerce.

No. 698.—COPPER: SMELTER AND REFINERY OUTPUT

[NOTE.—Smelter output as here given represents the production of unrefined copper from domestic ores. Some copper ore is imported and smelted in this country, but this appears only in the figures of refined copper from imported material in Table 696]

[Quantities in millions of pounds; values in thousands of dollars]

Period	Smelter output from domestic ore		Year	Smelter output from domestic ore		Refinery output (quantity)			
						New copper			Secondary copper
	Quantity	Value		Quantity	Value	Total[1]	Domestic	Foreign[1]	
1850	1½	320	1907	869	173,799	1,033	868	165	--------
1860	16	3,709	1908	943	124,419	1,138	943	195	--------
1870	28	5,997	1909	1,093	142,084	1,391	1,093	298	--------
			1910	1,080	137,180	1,422	1,072	350	189
1871–1875	34	8,895	1911	1,097	137,154	1,434	1,097	337	214
1876–1880	50	9,679							
1881–1885	118	17,236	1912	1,243	205,139	1,568	1,243	325	275
1886–1890	226	30,345	1913	1,224	189,795	1,615	1,237	378	273
1891–1895	339	37,266	1914	1,150	152,968	1,534	1,150	384	256
			1915	1,388	242,902	1,634	1,388	247	392
1896–1900	531	74,424	1916	1,928	474,288	2,259	1,928	331	700
1901–1905	732	103,859							
1906–1910	980	150,924	1917	1,886	514,911	2,428	1,886	542	767
1911–1915	1,221	185,592	1918	1,909	471,408	2,432	1,883	549	705
1916–1920	1,644	395,270	1919	1,286	239,274	1,805	1,433	372	574
1921–1925	1,240	171,275	1920	1,209	222,467	1,526	1,182	344	625
			1921	506	65,221	951	609	341	435
1901	602	100,546							
1902	660	80,460	1922	950	128,289	1,256	905	351	672
1903	698	95,632	1923	1,435	210,945	1,980	1,464	516	822
1904	813	104,005	1924	1,634	214,087	2,260	1,674	586	777
1905	889	138,650	1925	1,675	237,832	2,205	1,683	522	840
1906	918	177,136	1926	1,740	243,547	2,322	1,731	591	960

[1] Includes refined copper imported from 1907 to 1919, inclusive.

Source: Bureau of Mines, Department of Commerce.

No. 699.—EXPORTS AND IMPORTS OF COPPER

[NOTE.—Exports do not include the small quantities of copper ore and unrefined copper exported; imports of such ore and unrefined copper, being large, are included]

[Quantities in short tons; values in thousands of dollars]

Period	Exports		Imports		Period	Exports		Imports	
	Quantity	Value[1]	Quantity	Value[1]		Quantity	Value[1]	Quantity	Value[1]
1891–1895[2]	47,219	14,392	5,096	896	1919	258,319	130,790	214,694	86,271
1896–1900[2]	133,226	36,745	18,927	5,866	1920	312,027	141,717	242,835	90,019
1901–1905[2]	185,250	54,942	56,597	23,263	1921	314,402	97,898	175,236	45,785
1906–1910[2]	284,113	92,334	130,059	38,085	1922	371,520	103,844	270,507	66,829
1911–1915[2]	409,482	123,655	176,601	46,125	1923	414,657	129,220	338,325	95,988
1916–1920[3]	244,948	208,909	374,561	103,805	1924	557,958	156,646	384,511	96,184
1921–1925	440,128	129,755	299,029	77,811	1925	542,104	161,166	326,567	84,270
1918	373,845	206,732	287,903	133,525	1926	482,693	141,204	389,721	99,742

[1] Including value of certain products for which quantity figures are not available.
[2] Fiscal years ended June 30.
[3] Average for period July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 700.—REFINED PRIMARY LEAD AND SECONDARY LEAD

[NOTE.—Production in short tons, values except price per pound in thousands of dollars. This table, except the last column, relates to new (primary) lead only, derived from both domestic and foreign ore. General production figures and production of desilverized lead do not include antimonial lead, which is shown in the next to the last column. This table represents exclusively refined lead, while in Table 701 part of the lead from domestic ore is unrefined]

Year	Production	Value	Year	Production	Value	Year	Production	Value
1830	8,000	608	1893	224,320	16,600	1911	486,979	43,828
1840	17,000	1,666	1894	213,650	14,101	1912	480,894	43,280
1850	22,000	2,112	1895	235,822	15,093	1913	462,460	40,696
1860	15,600	1,778	1896	257,487	15,449	1914	542,122	42,286
1870	17,830	2,247	1897	282,169	20,316	1915	550,055	51,705
1880	95,725	9,573	1898	302,148	22,963	1916	571,134	78,817
1881	114,495	10,992	1899	298,047	26,824	1917	610,769	105,052
1882	129,780	12,718	1900	367,773	32,364	1918	640,195	90,908
1883	140,297	12,066	1901	371,032	30,909	1919	482,220	51,115
1884	136,297	10,086	1902	367,892	30,167	1920	529,657	84,745
1885	126,192	10,095	1903	368,939	30,991	1921	448,589	40,373
1886	132,189	12,161	1904	393,452	33,837	1922	532,662	58,593
1887	156,630	14,097	1905	388,307	36,501	1923	618,322	86,565
1888	176,015	15,489	1906	404,746	46,141	1924	690,493	110,479
1889	178,357	13,912	1907	413,389	43,819	1925	766,969	133,453
1890	157,844	14,206	1908	396,564	33,311	1926	798,941	127,831
1891	198,363	17,059	1909	446,909	38,434			
1892	208,223	17,074	1910	470,272	14,384			

Year	Class		Source			Average value per pound	Antimonial lead, total production	Secondary lead recovered, total
	Desilverized [1]	Soft	Domestic ores and bullion [2]	Foreign ores	Foreign base bullion			
1870		17,830	17,830			$0.063		
1880	68,035	27,690	95,725			.050	2,100	
1885	104,217	21,975	126,192			.040	3,220	
1890	126,493	31,351	139,720	18,124		.045	3,910	
1895	195,932	30,890	159,649	76,173		.032	6,060	
1900	319,752	48,021	260,918	106,855		.044	9,906	
1905	302,852	85,455	307,514	80,793		.047	10,995	
1910	328,954	141,318	375,402	18,065	76,805	.044	14,069	55,422
1915	388,594	161,461	507,026	9,581	33,448	.047	23,224	78,900
1920	339,803	189,854	476,849	8,414	44,394	.080	12,535	124,650
1923	427,573	190,749	543,841	24,288	50,193	.070	14,190	194,490
1924	486,878	203,615	566,407	46,385	77,701	.080	20,787	204,500
1925	506,409	260,560	654,921	112,048		.087	19,667	226,880
1926	540,376	258,565	680,685	118,256		.080	22,524	[3] 273,899

[1] Desilverized soft lead is included. [2] Excludes antimonial lead. [3] Preliminary.

No. 701.—SOURCES OF PRIMARY LEAD SMELTED OR REFINED IN THE UNITED STATES

[Production in short tons. See note to Table 700]

Source of ore	1910	1915	1920	1922	1923	1924	1925	1926
Total	494,081	580,041	547,155	545,605	628,517	706,086	798,499	814,086
From domestic ore	389,211	537,012	494,347	481,689	554,036	582,000	686,451	695,830
Arizona	948	6,953	5,987	7,218	8,828	9,372	10,281	10,646
Colorado	38,542	32,352	17,752	11,108	23,885	25,491	31,855	37,553
Idaho	109,951	160,680	117,191	91,487	127,797	123,709	123,363	132,564
Kansas	1,308	1,320	8,421	10,900	20,207	12,895	15,001	20,884
Missouri	161,659	195,034	171,999	202,245	169,323	191,501	208,547	218,083
Montana	1,943	4,853	13,231	14,551	18,345	21,226	22,008	26,350
Nevada	2,246	7,664	8,650	4,264	8,044	8,070	10,978	11,379
Oklahoma	1,805	4,346	68,494	67,436	59,602	56,017	78,487	70,004
Utah	60,605	106,105	64,006	63,130	104,678	119,318	166,844	151,127
Wisconsin	3,909	2,632	3,841	1,323	601	1,973	2,889	2,052
Undistributed	4,058	9,911	10,409	6,743	12,364	11,108	14,657	14,463
Zinc residue	2,237	4,562	4,366	1,284	362	1,320	1,541	505
From foreign ore [1]	18,065	9,581	8,414	13,898	24,288	46,385	47,024	48,210
Africa	3,310		1,171		99			6
Canada	25	1,174	1,186	3,604	3,632	4,633	10,676	5,385
Mexico	11,704	5,437	2,729	7,260	18,867	33,328	31,107	32,093
South America	2,996	2,829	2,747	2,458	1,461	7,663	4,496	9,893
From foreign base bullion [1]	76,805	33,448	44,394	50,018	50,193	77,701	65,024	70,046
Canada			1,919	2,900				
Mexico	76,805	33,173	2,4241	47,118	50,193	77,701	65,024	70,046

[1] Totals include small unspecified items.

Source of Tables 700 and 701: Bureau of Mines, Department of Commerce.

No. 702.—SUPPLY AND DISTRIBUTION OF REFINED PRIMARY LEAD

[NOTE.—All data in short tons. Apparent consumption is only approximate as no account is taken of changes in stocks outside of bonded warehouses]

	1910	1915	1920	1922	1923	1924	1925	1926
Supply, total	473,836	550,467	565,610	536,560	639,421	705,357	779,035	818,255
Stock in bonded warehouses Jan. 1	79	2	234	347	----------	2,617	5,045	8,162
Imports of pigs, bars, and old	3,485	410	35,719	3,551	21,099	12,247	7,021	11,152
Production	470,272	550,055	529,657	532,662	618,322	690,493	766,969	798,941
Deductions, total	78,661	130,907	27,590	43,855	65,878	102,410	123,380	82,596
Exports of foreign lead:								
From warehouses	69,786	38,618	17,363	32,355	48,736	76,758	98,564	67,609
In manufactures with benefit of drawback	8,800	3,983	6,175	5,677	12,526	15,275	11,699	----------
Exports of domestic lead	----------	88,306	2,730	5,823	1,999	5,332	4,955	4,276
Stock in bonded warehouses Dec. 31	75	----------	1,322	----------	2,617	5,045	8,162	10,711
Apparent consumption	395,175	419,560	538,020	492,705	573,543	602,947	655,655	735,659

Source: Bureau of Mines, Department of Commerce.

No. 703.—MANUFACTURES OF NONFERROUS METALS AND ALLOYS[1]

[NOTE.—This table combines commodity statistics for the following industries: Babbitt metal, white metal, type metal, and solder; brass, bronze, and other nonferrous alloys, and manufactures of these alloys and of copper, not specifically classified; lead bar, pipe, and sheet; and smelting and refining, metals other than gold, silver, or platinum, not from the ore]

[Quantities in thousands of pounds; values in thousands of dollars]

Kind	Quantity	Value
Total value	----------	706,924
Ingots and pigs	----------	149,563
Brass	171,713	19,940
Bronze	27,174	3,647
Babbitt and bearing metal	97,756	21,818
Solders, all kinds	85,449	25,685
Type metal	60,103	6,517
White metal (other than bearing metal)	127,276	14,128
Other metal	----------	57,828
Plates and sheets	----------	124,473
Brass	347,820	63,633
Bronze	31,152	7,392
Copper	162,316	35,231
Lead	51,183	5,681
Other metals	----------	12,536
Rods and bars	----------	68,988
Brass	156,593	25,374
Bronze	4,225	1,149
Copper	226,948	36,485
Other metals	----------	5,980
Tubing (seamless) and pipe	----------	52,218
Brass	95,518	23,101
Bronze	6,055	1,646
Copper	57,954	14,909
Lead	105,776	11,860
Other metals	----------	702
Tubing, brazed (practically all brass)	13,468	3,767
Wire, bare[2]	----------	51,006
Brass	54,593	9,921
Bronze	29,671	7,478
Copper	190,473	32,812
Other metals	----------	795
Castings, rough	----------	75,391
Brass	----------	26,926
Weight reported	95,010	18,981
Weight not reported	----------	7,945
Bronze	209,152	40,101
Other metals	----------	8,364
Finished products[3]	----------	157,803
Brass	----------	84,157
Bronze	----------	28,165
Copper	----------	13,346
Other metals	----------	32,140
All other products, including custom work and repairing	----------	23,710

[1] This table does not include data for establishments engaged in smelting and refining ores containing copper, lead, zinc, and other nonferrous metals.
[2] Does not include wire made by establishments engaged primarily in the drawing of wire.
[3] Represents only such "finished products" as were reported by establishments classified in the four industries mentioned in the headnote to the table.

Source: Bureau of the Census, Department of Commerce.

No. 704.—ZINC: Production, Exports, Stocks, and Apparent Consumption

[All quantity figures in short tons; values in thousands of dollars]

	1910	1915	1920	1922	1923	1924	1925	1926 [1]
Mine production (zinc content)	327, 618	587, 595	587, 524	472, 032	610, 690	637, 977	710, 847	
Colorado	38, 545	52, 297	24, 395	11, 629	27, 076	28, 364	30, 811	
Idaho	2, 802	35, 077	13, 966	2, 055	13, 976	7, 670	15, 619	
Kansas	13, 229	14, 365	61, 073	56, 225	100, 969	105, 392	118, 778	126, 307
Missouri	128, 589	136, 300	24, 509	16, 171	18, 265	12, 920	14, 794	26, 018
Montana	15, 819	93, 573	92, 169	59, 535	70, 730	64, 238	57, 658	
Nevada	1, 354	12, 188	5, 349	1, 309	7, 083	5, 501	7, 411	
New Jersey	68, 584	117, 722	78, 511	73, 657	75, 227	84, 370	89, 261	80, 629
New Mexico	9, 044	12, 702	5, 007	2, 248	8, 248	10, 380	9, 246	
New York		2, 455	5, 654	4, 816	8, 463	4, 664	5, 158	5, 041
Oklahoma	6, 394	14, 314	219, 727	209, 682	242, 421	269, 137	283, 371	272, 567
Tennessee	966	16, 461	19, 217	15, 568	15, 900	14, 376	16, 256	12, 098
Wisconsin	25, 927	41, 403	27, 285	10, 952	13, 211	14, 027	20, 230	26, 800
Other States	16, 365	38, 738	10, 662	8, 185	9, 121	15, 408	42, 254	
Smelter production	310, 407	542, 419	506, 227	423, 591	575, 644	576, 225	634, 376	682, 992
Primary zinc	269, 184	489, 519	463, 377	354, 277	510, 434	517, 339	572, 946	618, 422
From domestic ore	252, 479	458, 135	450, 045	353, 274	508, 335	515, 831	555, 631	611, 991
From foreign ore	16, 705	31, 384	13, 332	1, 003	2, 099	1, 508	17, 315	6, 431
Secondary zinc	41, 223	52, 900	42, 850	69, 314	65, 210	58, 886	61, 430	64, 570
Redistilled	12, 784	29, 764	21, 371	32, 988	39, 434	35, 486	39, 181	40, 799
Remelted	28, 439	23, 136	21, 479	36, 326	25, 776	23, 400	22, 249	23, 771
Value of primary product from domestic ore ($1,000)	27, 268	113, 617	72, 907	40, 273	69, 134	67, 058	84, 456	91, 799
Primary zinc consumed:								
Supply, total	282, 350	510, 518	508, 347	424, 781	527, 345	545, 252	593, 724	631, 524
Stock, Jan. 1	11, 206	20, 095	36, 793	70, 452	16, 890	27, 888	20, 754	13, 080
Produced	269, 184	489, 519	463, 377	354, 277	510, 434	517, 339	572, 946	618, 422
Imported	1, 960	904	8, 177	52	21	25	24	22
Deductions:								
Exports, total	13, 234	131, 410	114, 267	34, 801	52, 943	76, 241	80, 547	47, 561
Stock, Dec. 31	23, 232	14, 253	71, 037	16, 890	27, 888	20, 754	13, 080	26, 937
Apparent domestic consumption	245, 884	364, 855	323, 043	373, 090	446, 514	448, 257	500, 097	557, 026

[1] Mine production figures are preliminary. Blank spaces indicate that figures are not available.

Source: Bureau of Mines, Department of Commerce.

No. 705.—SMELTER PRODUCTION OF PRIMARY ZINC FROM DOMESTIC ORE

[Quantities in short tons; values [1] in thousands of dollars]

Period or year	Quantity	Value	Period or year	Quantity	Value	Period or year	Quantity	Value
1875	15, 833	[2] 2, 217	1916–1920	508, 731	99, 812	1918	492, 405	89, 618
1880 [3]	23, 239	2, 277	1921–1925	426, 261	56, 149	1919	452, 272	66, 032
1885	40, 688	3, 540	1911	271, 621	30, 965	1920	450, 045	72, 907
1886–1890	54, 285	5, 219	1912	323, 907	44, 699	1921	198, 232	19, 823
1891–1895	82, 396	6, 787	1913	337, 252	37, 772	1922	353, 274	40, 273
1896–1900	109, 963	10, 180	1914	343, 418	35, 029	1923	508, 335	69, 134
1901–1905	169, 504	17, 067	1915	458, 135	113, 617	1924	515, 831	67, 058
1906–1910	219, 378	24, 165	1916	504, 338	151, 243	1925	555, 631	84, 456
1911–1915	346, 867	52, 416	1917	584, 597	119, 258	1926	611, 991	91, 799

[1] Values at New York prices up to and including 1907; at St. Louis prices, 1908 to 1914; at average price all grades, 1915 and later years.
[2] Computed at yearly average of high and low monthly prices at New York.
[3] Census year ended May 31.

Source: Bureau of Mines, Department of Commerce.

No. 706.—GOLD AND SILVER: PRODUCTION FROM MINES IN THE UNITED STATES (INCLUDING ALASKA AND PHILIPPINE ISLANDS)

[NOTE.—The value of gold, in terms of money, being unchanging at $20.67+ per fine ounce, is not shown in the table. The value of silver given is commercial value (Pittman Act value for 1921 to June, 1923), which at times has differed materially from coinage value]

[Figures are totals for period or for year]

Calendar year or period	Gold, 1,000 fine ounces	Silver, 1,000 fine ounces	Silver, value, 1,000 dollars	Calendar year or period	Gold, 1,000 fine ounces	Silver, 1,000 fine ounces	Silver, value, 1,000 dollars
1792–1847	1,187	310	405	1896	2,568	58,835	39,655
1848–1850	4,838	116	152	1897	2,775	53,860	32,316
1851–1855	14,271	194	259	1898	3,118	54,438	32,118
1856–1860	12,384	309	418	1899	3,437	54,765	32,859
1861–1865	10,716	28,811	38,674	1900	3,830	57,647	35,741
1866–1870	12,226	49,113	65,261	1901	3,806	55,214	33,128
1871–1875	8,826	121,083	156,270	1902	3,870	55,500	29,415
1876–1880	10,301	157,681	182,506	1903	3,560	54,300	29,322
1881–1885	7,730	182,841	202,807	1904	3,892	57,683	33,456
1886–1890	8,078	231,819	227,495	1905	4,266	56,102	34,222
1891–1895	9,107	287,057	227,960	1906	4,565	56,518	38,256
1896–1900	15,729	279,544	172,689	1907	4,375	56,515	37,300
1901–1905	19,394	278,798	159,543	1908	4,574	52,441	28,051
1906–1910	22,993	277,333	162,916	1909	4,822	54,722	28,455
1911–1915	22,968	338,384	189,626	1910	4,657	57,138	30,855
1916–1920	17,246	326,009	298,852	1911	4,687	60,399	32,616
1921–1925	12,194	313,757	258,862	1912	4,521	63,767	39,198
1881	1,679	33,258	37,658	1913	4,300	66,802	40,348
1882	1,572	36,197	41,106	1914	4,573	72,455	40,068
1883	1,451	35,733	39,618	1915	4,888	74,961	37,397
1884	1,490	37,744	41,921	1916	4,479	74,415	48,053
1885	1,538	39,909	42,504	1917	4,051	71,740	59,078
1886	1,687	39,694	39,482	1918	3,321	67,810	66,485
1887	1,603	41,722	40,887	1919	2,919	56,682	63,534
1888	1,604	45,793	43,045	1920	2,476	55,362	60,802
1889	1,595	50,095	46,838	1921	2,422	53,052	[1] 53,052
1890	1,589	54,516	57,242	1922	2,363	56,240	[1] 56,240
1891	1,605	58,330	57,630	1923	2,503	73,335	[1] 60,135
1892	1,597	63,500	55,663	1924	2,529	65,407	43,823
1893	1,739	60,000	46,800	1925	2,412	66,155	45,912
1894	1,911	49,500	31,422	1926 [2]	2,288	62,029	38,706
1895	2,255	55,727	36,446				

State or Territory	Gold, 1,000 fine ounces					Silver, 1,000 fine ounces					Silver, value, 1926, 1,000 dollars [2]
	1910	1915	1920	1925	1926 [2]	1910	1915	1920	1925	1926 [2]	
Total	4,657	4,888	2,476	2,412	2,288	57,138	74,961	55,362	66,155	62,029	38,706
Alaska	787	808	413	301	313	154	1,055	822	766	641	400
Arizona	165	220	240	204	230	2,656	5,666	5,432	7,371	7,508	4,685
California	989	1,091	716	642	560	1,792	1,690	1,655	3,240	1,975	1,232
Colorado	993	1,090	363	357	332	8,523	7,200	5,167	4,435	4,637	2,894
Idaho	50	57	23	20	12	7,027	13,042	7,365	7,663	7,557	4,715
Michigan	------	------	------	------	------	262	582	512	136	110	69
Montana	180	241	92	84	60	12,283	14,423	13,263	12,597	12,498	7,799
Nevada	913	575	175	180	170	12,366	14,453	7,482	6,847	6,314	3,940
New Mexico	23	71	22	30	26	779	2,337	700	800	539	336
Oregon	33	90	50	19	13	44	125	102	35	27	17
South Dakota	260	358	210	288	287	121	198	88	98	83	52
Texas	(3)	(3)	(3)	------	------	364	725	523	555	450	281
Utah	209	189	103	181	178	10,446	13,073	11,755	21,241	19,300	12,043
Washington	39	22	7	11	9	205	214	178	166	164	102
Philippine Islands	7	64	62	92	98	2	15	22	49	45	30
Other	8	11	(3)	3	1	115	163	296	156	182	111

[1] For 1921, 1922, and first half of 1923 price is taken at the figure of $1 per ounce fixed by the Pittman Act.
[2] Preliminary.
[3] Less than 500 ounces.

Source: Reports of the Director of the Mint, Treasury Department.

No. 707.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS

Yearly average or year	Gold, in thousands of dollars					Silver, in thousands of fine ounces				
	New material			Old material	Grand total	New material			Old material	Grand total
	United States coin [1]	Bullion and foreign coin	Total			United States coin [1]	Bullion and foreign coin	Total		
1880	3,300	5,511	8,811	1,294	10,105	464	2,126	2,590	204	2,794
1881–1885	3,715	6,991	10,706	1,863	12,568	155	3,685	3,840	315	4,155
1886–1890	3,500	8,512	12,012	4,029	16,041	155	4,831	4,986	676	5,662
1891–1895	3,500	7,948	11,448	5,060	16,508	108	6,938	7,046	951	7,997
1896–1900	3,500	9,398	12,898	4,067	16,965	77	8,937	9,014	1,200	10,214
1901–1905	3,500	18,218	21,718	6,778	28,496	77	16,447	16,524	3,002	19,526
1906–1910	3,500	26,941	30,441	7,708	38,149	77	20,807	20,884	3,669	24,553
1911–1915	3,500	31,198	34,698	8,106	42,803	77	23,438	23,516	6,928	30,444
1916–1920	3,500	40,292	43,792	19,026	62,818	77	22,011	22,089	9,126	31,214
1917	3,500	31,303	34,803	18,112	52,916	77	15,921	15,999	11,041	27,040
1918	3,500	29,392	32,892	19,517	52,410	77	26,645	26,722	9,530	36,253
1919	3,500	52,636	56,136	19,354	75,490	77	26,160	26,238	6,463	32,701
1920	3,500	50,510	54,010	28,205	82,215	77	19,203	19,280	8,694	27,975
1921	3,500	19,550	23,050	27,624	50,674	77	28,766	28,844	7,024	35,868
1922	3,500	32,822	36,322	23,484	59,806	77	31,209	31,287	6,624	37,910
1923	3,500	36,513	40,013	29,279	69,292	77	28,278	28,355	8,470	36,825
1924	3,500	34,413	37,913	27,975	65,888	77	24,587	24,664	8,931	33,595
1925	3,500	32,662	36,162	29,792	65,954	77	29,852	29,929	9,897	39,827

[1] Estimated.

No. 708.—SILVER: Price, and Value of Silver in the Dollar

[Note.—The London price represents the equivalent in American money at par of exchange, converted to the basis of the ounce 1,000 fine. The commercial ratio and the value of silver (371¼ grains) in the dollar are computed from this London price to and including 1917, but up to that time the New York and London quotations were close together, the departure since being due to the depreciation of the pound sterling; for 1918 to 1924, inclusive, these computations are based on the New York average price. The 1925 ratio reverts again to the London price]

Calendar year	London, per fine ounce	New York, per fine ounce			Commercial ratio to gold	Value of silver in dollar	Calendar year	London, per fine ounce	New York, per fine ounce			Commercial ratio to gold	Value of silver in dollar
		Average	High	Low					Average	High	Low		
1835	1.308	------	------	------	15.80	------	1899	0.602	0.605	0.648	0.586	34.36	0.465
1840	1.323	------	------	------	15.62	1.023	1900	.620	.621	.658	.598	33.33	.480
1845	1.298	------	------	------	15.92	1.004	1901	.596	.597	.645	.548	34.68	.461
1850	1.316	------	------	------	15.70	1.018	1902	.528	.528	.569	.474	39.15	.408
1855	1.344	------	------	------	15.38	1.039	1903	.543	.542	.624	.475	38.10	.420
1860	1.352	------	------	------	15.29	1.045	1904	.579	.578	.625	.534	35.70	.448
1865	1.338	------	------	------	15.44	1.035	1905	.610	.610	.665	.556	33.87	.472
1870	1.328	------	------	------	15.57	1.027	1906	.677	.674	.724	.631	30.54	.524
1875	1.242	1.239	1.261	1.210	16.64	.961	1907	.662	.660	.710	.528	31.24	.512
1880	1.145	1.139	1.150	1.113	18.05	.886	1908	.535	.535	.589	.483	38.64	.414
1881	1.132	1.128	1.145	1.110	18.25	.876	1909	.520	.522	.545	.508	39.74	.402
1882	1.136	1.139	1.150	1.090	18.20	.878	1910	.541	.542	.576	.508	38.22	.418
1883	1.109	1.087	1.118	1.095	18.64	.858	1911	.539	.540	.575	.521	38.33	.417
1884	1.111	1.112	1.133	1.080	18.61	.859	1912	.615	.620	.656	.553	33.62	.475
1885	1.065	1.064	1.095	1.028	19.41	.824	1913	.605	.612	.651	.580	34.19	.468
1886	.995	.999	1.035	.925	20.78	.769	1914	.553	.563	.609	.490	37.37	.423
1887	.979	.979	1.035	.950	21.10	.758	1915	.519	.511	.580	.478	39.84	.401
1888	.940	.943	.978	.920	22.00	.727	1916	.686	.672	.791	.573	30.11	.531
1889	.935	.936	.973	.925	22.10	.723	1917	.895	.840	1.165	.731	23.00	.692
1890	1.046	1.053	1.205	.958	19.75	.809	1918	1.042	.984	1.025	.894	21.00	.761
1891	.988	.990	1.075	.948	20.92	.764	1919	1.250	1.121	1.388	1.018	18.44	.867
1892	.871	.876	.953	.830	23.72	.674	1920	1.346	1.019	1.368	.608	20.27	.788
1893	.780	.782	.850	.650	26.49	.604	1921	.805	.631	.738	.532	32.75	.488
1894	.635	.640	.700	.595	32.56	.491	1922	.754	.679	.742	.629	30.43	.525
1895	.654	.663	.690	.600	31.60	.506	1923	.700	.652	.690	.629	31.69	.505
1896	.676	.682	.703	.656	30.59	.523	1924	.745	.671	.724	.630	30.80	.519
1897	.604	.608	.661	.528	34.20	.467	1925	.703	.694	.732	.668	29.38	.537
1898	.590	.591	.623	.551	35.03	.456							

Source: Tables 707 and 708: Annual Reports of the Director of the Mint, Treasury Department.

No. 709.—COAL PRODUCTION: QUANTITY AND VALUE

[NOTE.—Quantities in thousands of short tons; values in thousands of dollars. Includes coal consumed at mines. Figures for anthracite relate to Pennsylvania output only. Bituminous coal includes brown coal and small amounts of anthracite outside of Pennsylvania. Comparatively little coal is held in stock at the mines]

Year or yearly average	Quantity			Year	Quantity			Value	
	Total	Anthracite	Bituminous		Total	Anthracite	Bituminous	Anthracite	Bituminous
1821–1830	140	66	75	1906	414,157	71,282	342,875	131,918	381,162
1831–1840	1,032	722	310	1907	480,363	85,604	394,759	103,584	451,215
1841–1850	4,535	2,697	1,837	1908	415,843	83,269	332,574	158,179	374,135
1851–1860	12,513	7,645	4,868	1909	460,815	81,070	379,744	149,182	405,487
1861–1865	20,538	11,142	9,396	1910	501,596	84,485	417,111	160,275	469,282
1866–1870	31,706	16,281	15,425	1911	496,371	90,464	405,907	175,189	451,376
1871–1875	52,179	23,407	28,773	1912	534,467	84,362	450,105	177,623	517,983
1876–1880	62,261	25,800	36,461	1913	569,960	91,525	478,435	195,181	565,235
1881–1885	107,291	36,193	71,093	1914	513,525	90,822	422,704	188,181	493,309
1886–1890	138,398	43,952	94,446	1915	531,619	88,995	442,624	184,653	502,038
1891–1895	178,822	53,405	125,416	1916	590,098	87,578	502,520	202,010	665,116
1896–1900	227,123	55,625	171,498	1917	651,402	99,612	551,791	283,651	1,249,273
1901–1905	339,357	66,854	272,503	1918	678,212	98,826	579,386	336,480	1,491,810
1906–1910	454,555	81,142	373,413	1919[1]	553,952	88,092	465,860	364,927	1,160,616
1911–1915	529,189	89,233	439,955	1920	658,265	89,598	568,667	434,252	2,129,933
1916–1920	626,386	92,741	533,645	1921[1]	506,395	90,473	415,922	452,305	1,199,984
1921–1925	558,947	77,648	481,299	1922	476,951	54,683	422,268	273,700	1,274,820
1901	293,300	67,472	225,828	1923	657,904	93,339	564,565	506,787	1,514,621
1902	301,590	41,374	260,217	1924[1]	571,613	87,927	483,687	477,231	1,062,626
1903	357,356	74,607	282,749	1925[1]	581,870	61,817	520,053	327,665	1,060,402
1904	351,816	73,157	278,660	1926[2]	663,290	85,000	578,290	450,500	1,272,000
1905	392,723	77,660	315,063						

State	1880	1890	1900	1911–1915	1916–1920	1921–1925	1924[1]	1925[1]	1926[2]
Total quantity	71,482	157,771	269,684	529,189	626,386	558,947	571,613	581,870	663,290
Anthracite (Pa.)	28,650	46,469	57,368	89,233	92,741	77,648	87,927	61,817	85,000
Bituminous	42,831	111,302	212,316	439,956	533,645	481,299	483,687	520,053	578,290
Alabama	324	4,090	8,394	15,864	17,834	18,097	19,130	20,004	22,356
Arkansas	15	400	1,448	1,986	1,980	1,261	1,452	1,220	1,720
Colorado	463	3,077	5,244	9,433	11,595	10,049	10,444	10,311	10,579
Illinois	6,115	15,292	25,768	58,320	78,255	68,523	68,323	66,909	69,700
Indiana	1,454	3,306	6,484	16,060	25,515	21,677	21,480	21,225	22,839
Iowa	1,461	4,022	5,203	7,442	7,571	4,952	5,468	4,715	5,069
Kansas	771	2,260	4,468	6,811	6,556	3,827	4,248	4,524	4,531
Kentucky	946	2,701	5,329	18,380	30,108	43,743	45,147	55,069	63,330
Maryland	2,229	3,358	4,025	4,549	4,158	2,033	2,134	2,095	3,487
Michigan	101	75	849	1,271	1,301	976	831	808	649
Missouri	844	2,735	3,540	4,048	5,086	3,011	2,481	2,694	2,697
Montana	(3)	517	1,662	2,972	4,008	2,881	2,905	3,044	2,905
New Mexico	--------	376	1,299	3,618	3,728	2,772	2,786	2,557	2,866
North Dakota	--------	30	130	506	787	1,221	1,201	1,325	1,156
Ohio	6,009	11,495	18,988	28,553	40,609	31,590	30,473	28,034	29,150
Oklahoma	121	869	1,922	3,720	4,292	2,741	2,330	2,326	2,339
Pennsylvania	18,425	42,302	79,842	157,229	168,532	133,721	130,634	136,928	151,119
Tennessee	495	2,170	3,510	6,288	6,208	5,978	4,557	5,454	5,897
Texas	--------	184	968	2,201	1,980	1,084	1,147	1,008	1,061
Utah	15	318	1,147	2,999	4,693	4,593	4,488	4,690	4,434
Virginia	43	784	2,394	7,924	10,158	10,648	10,693	12,800	13,493
Washington	145	1,264	2,474	3,261	3,576	2,626	2,654	2,538	2,548
West Virginia	1,830	7,395	22,647	69,353	86,369	97,044	101,663	122,381	147,209
Wyoming	590	1,870	4,015	6,907	8,555	6,812	6,757	6,553	6,968
Miscellaneous	435	412	565	259	190	239	261	241	188

[1] Exclusive of product of wagon mines. [2] Preliminary. [3] Less than 500 tons.

Source: Bureau of Mines, Department of Commerce.

No. 710.—COAL: Exports, Imports, and Bunker Coal Laden on Vessels in Foreign Trade

[Quantities in thousands of long tons; values in thousands of dollars]

Yearly average or year	Total exports		Anthracite exports		Bituminous exports [1]		Total imports		Bunker coal	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891–1895 [2]	3,028	10,012	1,128	4,929	1,900	5,081	1,237	3,984	--------	--------
1896–1900 [2]	4,710	13,300	1,469	6,268	3,241	7,032	1,403	3,831	--------	--------
1901–1905 [2]	7,750	24,254	1,846	8,782	5,903	15,472	2,287	6,376	--------	--------
1906 [2]	9,126	28,216	1,970	9,722	7,156	18,494	1,857	4,481	[3] 5,110	[3] 16,111
1907 [2]	11,294	34,728	2,482	12,155	8,812	22,573	1,713	4,263	[3] 4,460	[3] 14,179
1908 [2]	12,723	39,356	2,838	13,837	9,885	25,518	2,006	5,231	[3] 5,887	[3] 19,979
1909 [2]	11,889	37,317	2,870	14,275	9,019	23,041	1,232	3,519	6,004	19,672
1910	13,806	41,471	3,022	14,785	10,784	26,685	1,992	5,331	[2] 6,336	[2] 20,350
1911	17,433	52,593	3,554	18,093	13,879	34,500	1,241	3,623	[2] 6,507	[2] 20,974
1912	18,149	56,243	3,689	19,425	14,460	36,818	1,610	4,518	[2] 7,092	[2] 22,804
1913	22,141	67,410	4,154	21,960	17,987	45,450	1,415	3,863	[2] 7,350	[2] 23,690
1914	17,632	54,316	3,830	20,211	13,802	34,105	1,395	3,928	[2] 7,812	[2] 25,571
1915	20,305	61,246	3,540	18,429	16,765	42,817	1,524	4,413	[2] 7,063	[2] 23,684
1916	23,143	68,298	4,166	22,470	18,977	45,828	1,536	4,734	7,826	27,492
1917	26,649	110,413	5,364	30,910	21,285	79,503	1,304	4,842	6,883	31,845
1918	24,392	107,881	4,436	29,216	19,956	78,665	1,334	6,898	5,532	29,868
1919	22,402	120,377	4,443	36,668	17,959	83,709	977	5,473	7,343	48,206
1920	39,215	349,811	4,825	45,538	34,390	304,273	1,140	6,992	9,362	82,462
1921	24,820	168,222	4,176	45,625	20,653	122,597	1,131	7,457	7,548	52,278
1922	13,449	91,242	2,366	25,351	11,083	65,892	4,726	28,250	4,120	27,913
1923	23,700	154,124	4,545	49,577	19,155	104,547	1,949	12,249	4,547	31,470
1924	18,855	111,039	3,587	40,068	15,268	70,971	478	3,019	3,983	22,883
1925	18,429	100,163	2,838	31,761	15,591	68,403	879	5,846	4,344	23,398
1926 [4]	35,091	196,905	3,598	41,086	31,493	155,819	1,201	9,301	6,907	38,025

[1] Does not include fuel or bunker coal laden on vessels engaged in the foreign trade.
[2] Fiscal years ended June 30.
[3] Figures do not include coal laden on vessels on the Great Lakes.
[4] Preliminary.

No. 711.—COAL: Shipments, Average Value per Ton, and Men Employed

Calendar year	Thousand tons (2,000 pounds)				Average value per ton	Men employed	Days worked	Average tonnage per man—		Per cent mined by machine	Calculated capacity, at 280 days (million net tons)
	Loaded for shipment	Sold locally	Used by mines	Made into coke at mines				Per day	Per year		
ANTHRACITE											
1890	41,011	2,001	3,457	--------	$1.43	126,000	200	1.85	369	(1)	(1)
1895	52,093	1,315	4,591	--------	1.41	142,917	196	2.07	406	(1)	(1)
1900	50,710	1,208	5,550	--------	1.49	144,206	166	2.40	398	(1)	(1)
1905	69,053	1,571	7,036	--------	1.83	165,406	215	2.18	470	(1)	(1)
1910	73,623	2,021	8,841	--------	1.90	169,497	229	2.17	498	(1)	(1)
1915	76,906	2,092	9,997	--------	2.07	176,552	230	2.19	504	1.5	(1)
1919	76,129	2,361	9,602	--------	4.14	154,571	266	2.14	570	1.9	(1)
1920	76,844	2,897	9,858	--------	4.85	145,074	271	2.28	618	1.1	(1)
1921	77,901	2,813	9,760	--------	5.00	159,499	271	2.09	567	1.1	(1)
1922	46,003	2,378	6,302	--------	5.01	156,849	151	2.31	349	1.0	(1)
1923	82,239	3,248	7,852	--------	5.43	157,743	268	2.21	592	1.4	(1)
1924	77,247	3,044	7,635	--------	5.43	160,009	274	2.00	548	1.7	(1)
1925	53,768	2,885	5,164	--------	5.30	160,312	182	2.12	386	1.6	(1)
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.99	192,204	226	2.56	579	[2] 5.3	137
1895	106,287	8,340	2,086	18,404	.86	239,962	194	2.90	563	[3] 11.9	196
1900	173,072	7,868	3,740	27,635	1.04	304,375	234	2.98	697	24.9	255
1905	255,201	10,639	7,007	42,412	1.06	460,629	211	3.24	684	32.8	417
1910	342,969	12,287	9,668	52,187	1.12	555,533	217	3.46	751	41.7	538
1915	379,877	12,354	9,799	40,595	1.13	557,456	203	3.91	794	55.0	610
1919	409,149	18,069	11,062	27,581	2.49	621,998	195	3.84	749	59.2	669
1920	504,873	21,259	11,896	30,608	3.75	639,547	220	4.00	881	59.8	725
1921	382,064	16,136	9,123	8,599	2.89	663,754	149	4.20	627	65.6	781
1922	383,677	17,506	7,831	13,253	3.02	687,958	142	4.28	609	63.2	832
1923	505,600	21,933	8,765	27,859	2.68	702,817	179	4.47	801	66.9	885
1924	441,566	21,111	6,618	14,392	2.20	619,604	171	4.56	780	69.5	792
1925	477,173	21,361	5,776	15,753	2.04	588,493	195	4.52	884	70.6	748

[1] Not available. [2] 1891. [3] 1896.

Sources: Table 710, Bureau of Foreign and Domestic Commerce; Table 711, Bureau of Mines, Department of Commerce.

No. 712.—LABOR STRIKES IN COAL MINES

Year	Men on strike	Working days lost	Average days lost per man	Year	Men on strike	Working days lost	Average days lost per man
1906	372,343	19,201,348	52	1916	170,633	3,344,586	20
1907[1]	32,540	462,392	14	1917	160,240	2,348,399	15
1908[1]	145,145	5,449,938	38	1918	79,395	508,526	6
1909	24,763	723,634	29	1919	453,418	15,761,410	35
1910	218,493	19,250,524	88	1920	282,419	5,914,473	21
1911	41,413	983,737	24	1921	151,263	3,106,103	21
1912	311,056	12,527,305	40	1922	603,031	73,497,043	122
1913	135,395	3,049,412	23	1923	197,214	3,868,543	20
1914	161,720	11,013,667	68	1924	129,452	5,362,748	41
1915	67,190	2,467,431	37	1925	186,369	16,433,036	88

State	1922		1923		1924		1925	
	Men on strike	Days lost	Men on strike	Days lost	Men on strike	Days lost	Men on strike	Days lost
Grand total	603,031	73,497,043	197,214	3,868,543	129,452	5,362,748	186,369	16,433,036
Anthracite (Pa.)	142,442	19,623,026	135,585	2,629,418	71,273	1,143,630	147,928	15,269,506
Total bituminous	460,589	53,874,017	61,629	1,239,125	58,179	4,219,118	38,441	1,163,530
Alabama	46	167						
Arkansas	3,691	435,507	324	9,009	1,076	29,272	560	41,928
Colorado	6,672	527,250			120	840	595	6,943
Illinois	93,584	11,547,829	7,474	95,458	4,217	50,101	4,870	25,180
Indiana	31,721	3,924,396	10,765	104,604	7,699	159,743	7,919	96,963
Iowa	12,192	1,479,497	1,946	19,874	986	16,445	1,267	3,740
Kansas	6,515	847,075	949	24,741	2,706	118,918	530	8,080
Kentucky	10,270	605,441	2,699	92,035	3,938	1,735,739	1,954	162,534
Maryland	4,446	688,206	2,686	359,920	168	504		
Michigan	2,062	247,919	786	3,992	425	1,525	725	5,575
Missouri	7,535	939,192	312	10,857	1,580	76,660	110	1,287
Montana	3,361	428,678	25	25	17	53		
New Mexico	585	75,135						
North Dakota	578	49,238	85	6,933				
Ohio	46,283	5,502,885	16,486	203,161	10,256	217,752	6,572	170,208
Oklahoma	5,872	773,127	1,020	8,211	1,318	144,607	352	16,773
Pennsylvania[1]	155,604	18,388,895	10,984	157,130	8,793	361,226	7,414	234,389
Tennessee	5,864	482,231	572	24,766	2,134	244,945	250	2,350
Texas	693	13,867	137	18,141			87	261
Utah	2,111	212,896			58	310	280	10,920
Virginia	240	2,200						
Washington	2,225	299,861	1,754	50,681				
West Virginia	49,832	5,348,298	2,625	49,587	7,688	1,060,478	4,956	376,399
Wyoming	8,607	1,054,227						

[1] Bituminous mines only.

Source: Bureau of Mines, Department of Commerce.

No. 713.—COAL: Average and Relative Retail Prices[1] in Ton Lots

Year	Anthracite—Chestnut				Anthracite—Stove				Bituminous			
	Average price		Relative price		Average price		Relative price		Average price		Relative price	
	Dollars				*Dollars*				*Dollars*			
1913[2]	7.91		100		7.73		100		5.43		100	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July	Jan.	July
1916	8.13	8.28	103	105	7.93	8.12	103	105	5.69	5.52	105	102
1917	9.40	9.16	119	116	9.29	9.08	120	118	6.96	7.21	128	133
1918	10.03	10.07	127	127	9.88	9.96	128	129	7.68	7.92	141	146
1919	11.61	12.17	147	154	11.51	12.14	149	157	7.90	8.10	145	149
1920	12.77	14.33	161	181	12.59	14.28	163	185	8.81	10.55	162	194
1921	16.13	14.95	204	189	15.99	14.90	207	193	11.82	10.47	218	193
1922	15.02	14.92	190	189	14.98	14.87	194	192	9.89	9.49	182	175
1923	15.46	15.05	195	190	15.43	15.10	200	196	11.18	10.04	206	185
1924	15.76	15.10	199	191	15.77	15.24	204	197	9.75	8.94	180	165
1925	15.37	14.93	194	189	15.45	15.14	200	196	9.24	8.61	170	159
1926	(3)	15.19	(3)	192	(3)	15.43	(3)	200	9.74	8.70	179	160
1927	15.42	------	195	------	15.66	------	203	------	9.97	------	183	------

[1] Prices represent combined averages for cities shown in Table 714.
[2] Average of prices for January and July, 1913. This is used as a base in working relative prices.
[3] Insufficient data.

Source: Bureau of Labor Statistics, Department of Labor.

No. 714.—COAL: Retail Prices, for Household Use, as of January 15

[Prices (in dollars) of coal per ton of 2,000 pounds unless otherwise specified]

City	Anthracite,[1] chestnut					Bituminous				
	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927
Atlanta, Ga.						10.48	8.13	7.32	8.47	8.67
Baltimore, Md.	[2] 16.50	[2] 16.50	[2] 15.75	(3)	[2] 15.50	11.00	7.90	7.38	8.00	8.32
Birmingham, Ala.						8.41	8.23	7.70	7.62	8.09
Boston, Mass.	16.00	16.00	16.00	(3)	16.25					
Bridgeport, Conn.	15.75	16.50	15.38	(3)	16.00					
Buffalo, N. Y.	13.24	13.66	13.56	(3)	13.37					
Butte, Mont.						11.49	11.42	11.05	11.04	11.02
Charleston, S. C.	[2] 17.10	[2] 17.10	[2] 17.10			12.00	12.00	11.00	11.00	11.00
Chicago, Ill.	16.05	17.00	16.70	(3)	16.80	10.98	8.69	8.51	9.48	9.85
Cincinnati, Ohio						9.64	8.09	7.21	7.77	7.89
Cleveland, Ohio	15.75	15.47	14.88	(3)	15.05	11.32	8.47	8.37	9.47	9.73
Columbus, Ohio						9.85	7.25	6.68	7.69	7.75
Dallas, Tex.	[4] 18.13	[4] 17.68	[4] 17.75	(3)	[4] 16.00	15.38	14.68	14.22	13.83	13.22
Denver, Colo.	[5] 17.25	[5] 16.75	[5] 16.33	(3)	[5] 16.00	10.69	10.72	9.47	10.68	10.73
Detroit, Mich.	16.00	16.13	15.38	(3)	15.75	11.89	9.48	8.93	10.59	10.34
Fall River, Mass.	16.08	15.92	15.83	(3)	16.25					
Houston, Tex.						12.83	13.17	12.38	12.75	13.50
Indianapolis, Ind.	15.75	16.50	16.50			9.61	7.10	7.15	7.53	7.67
Jacksonville, Fla.						15.00	13.00	12.00	14.00	14.00
Kansas City, Mo.	[4] 16.93	[4] 16.29	[4] 15.17	(3)	[4] 14.50	8.90	8.50	8.13	7.98	7.81
Little Rock, Ark.	[4] 15.00	[4] 15.00	[4] 15.00	(3)	[4] 14.00	12.50	11.57	11.00	11.27	10.80
Los Angeles, Calif.						16.50	15.70	16.31	15.94	16.50
Louisville, Ky.						10.18	8.70	7.37	7.43	8.42
Manchester, N. H.	18.00	17.50	17.00	(3)	17.50					
Memphis, Tenn.						9.41	8.00	8.11	7.84	8.80
Milwaukee, Wis.	16.63	16.59	16.65	(3)	16.65	12.72	10.19	9.69	11.42	11.32
Minneapolis, Minn.	17.67	18.08	17.95	(3)	17.75	13.91	11.51	10.92	11.35	11.75
Mobile, Ala.						10.93	11.07	10.02	9.62	10.12
Newark, N. J.	12.79	13.45	13.43	(3)	13.50					
New Haven, Conn.	15.33	16.00	15.20	(3)	15.40					
New Orleans, La.	21.50	21.75				11.21	11.36	11.19	11.14	11.29
New York, N. Y.	14.45	14.50	14.33	(3)	14.50					
Norfolk, Va.	16.00	16.00	15.50	(3)	16.00	12.43	8.83	9.27	10.52	9.68
Omaha, Nebr.						11.94	10.17	10.04	10.33	10.19
Peoria, Ill.						7.17	6.37	6.79	7.11	7.29
Philadelphia, Pa.	[2] 15.09	[2] 15.75	[2] 15.32	(3)	[2] 15.54					
Pittsburgh, Pa.	[2] 17.00	[2] 17.00	16.50	(3)	15.88	8.16	7.25	6.83	6.13	6.24
Portland, Me.	15.84	16.56	16.56	(3)	16.80					
Portland, Oreg.						14.52	13.89	13.04	13.24	13.34
Providence, R. I.	[6] 16.40	[6] 16.35	[6] 16.00	(3)	[6] 16.50					
Richmond, Va.	16.50	16.50	15.50	(3)	16.50	13.10	11.36	8.83	11.39	11.66
Rochester, N. Y.	13.45	14.10	14.15	(3)	14.15					
St. Louis, Mo.	16.58	17.38	16.88	(3)	17.20	8.36	7.22	6.69	6.62	7.50
St. Paul, Minn.	17.64	18.09	17.95	(3)	17.75	13.93	11.59	11.57	11.66	12.16
Salt Lake City, Utah	[5] 20.00	[5] 17.50	[5] 18.50	(3)	[5] 18.00	9.17	8.50	8.40	8.43	8.47
San Francisco, Calif.	[7] 26.75	[7] 26.50	[7] 26.50	(3)	[7] 26.50	17.90	17.22	17.28	17.06	17.11
Savannah, Ga.	[8] 17.00	[8] 17.05	[8] 17.00			[8] 14.08	[8] 12.12	[8] 11.50	[8] 12.75	[8] 13.25
Scranton, Pa.	9.83	10.53	10.62	(3)	10.67					
Seattle, Wash.						[9] 10.27	[9] 10.24	10.21	9.96	10.47
Springfield, Ill.						5.33	4.50	4.25	4.38	4.38
Washington, D. C.	[2] 15.87	[2] 16.24	[2] 15.67	(3)	[2] 15.54	[2] 11.34	[2] 9.04	[2] 8.88	[2] 9.88	[2] 9.75

[1] The term "anthracite" signifies Pennsylvania anthracite, except as indicated by notes.
[2] Per ton of 2,240 pounds.
[3] Insufficient data.
[4] Arkansas anthracite, egg, or furnace.
[5] Colorado anthracite, furnace, 1 and 2 mixed.
[6] 50 cents per ton additional is charged for binning.
[7] New Mexico anthracite.
[8] All coal sold is weighed by the city; charge of 10 cents per ton is included in the price.
[9] Prices in Zone A. The cartage charges range from $1.25 to $2.25 and are included in the price.

Source: Bureau of Labor Statistics, Department of Labor.

No. 715.—COKE: Production, Exports, and Imports

Year or yearly average	Production in thousands of tons (2,000 pounds)			By-product ovens, per cent of total	Production (value) in thousands of dollars	Exports	Imports[1]
	Total	Beehive ovens	By-product ovens			Thousand of short tons	
1896–1900	16,265	15,741	524	3.2	30,293	249	54
1901–1905	25,673	23,566	2,107	8.2	58,581	517	150
1906–1910	36,848	31,296	5,552	15.1	91,068	904	159
1911–1915	40,394	29,000	11,394	28.2	103,739	897	98
1916–1920	52,429	27,733	24,696	47.1	320,799	1,182	34
1921–1925	42,985	11,026	31,959	74.4	251,967	734	99
1913	46,300	33,585	12,715	27.5	128,922	987	101
1914	34,556	23,336	11,220	32.5	88,334	664	133
1915	41,581	27,508	14,073	33.8	105,504	896	53
1916	54,534	35,464	19,069	35.0	170,841	1,175	55
1917	55,607	33,168	22,439	40.4	298,243	1,409	25
1918	56,478	30,481	25,998	46.0	382,324	1,688	30
1919	44,181	19,043	25,138	56.9	258,340	717	16
1920	51,345	20,511	30,834	60.0	475,981	920	41
1921	25,288	5,538	19,750	78.1	147,673	307	31
1922	37,124	8,573	28,551	76.9	238,313	512	94
1923	56,978	19,380	37,598	66.0	373,497	1,237	85
1924	44,270	10,286	33,984	76.8	244,042	660	83
1925	51,267	11,355	39,912	77.8	262,559	954	202
1926[2]	56,036	11,486	44,550	79.5	(3)	987	285

[1] Imports entered for consumption, except in 1925 and 1926 for which they are total imports.
[2] Preliminary.
[3] Not available.
Source: Bureau of Mines, Department of Commerce.

No. 716.—COKE: By-Product and Beehive Production, by States

[Figures in thousands of tons of 2,000 pounds]

	1915	1919	1920	1921	1922	1923	1924	1925	1926[1]
BY-PRODUCT									
Total	14,073	25,138	30,834	19,750	28,551	37,598	33,984	39,912	44,377
Alabama	2,070	2,231	3,124	2,401	3,494	4,385	4,386	4,582	4,780
Colorado	--------	413	517	287	365	448	523	490	593
Illinois	1,687	1,704	2,137	1,322	1,983	3,187	2,355	3,012	3,337
Indiana	2,768	3,702	4,554	3,091	3,996	5,043	4,272	5,142	5,990
Kentucky	242	408	467	185	457	434	--------	--------	--------
Maryland	313	356	682	292	590	862	810	1,019	1,121
Massachusetts	504	393	488	294	407	554	398	535	574
Michigan	(2)	809	1,393	777	1,142	1,649	1,771	1,751	1,827
Minnesota	128	586	675	436	462	696	515	518	620
New Jersey	269	788	726	740	791	898	869	904	913
New York	684	751	1,040	747	1,495	1,784	1,601	2,220	2,828
Ohio	666	5,374	5,615	2,966	4,912	6,324	5,723	7,105	7,548
Pennsylvania	3,092	5,867	7,730	5,303	7,152	9,186	8,426	9,853	11,201
West Virginia	141	393	447	188	502	941	999	1,056	1,130
All other States	1,507	1,362	1,239	719	804	1,208	1,335	1,725	1,914
BEEHIVE									
Total	27,508	19,043	20,511	5,538	8,573	19,380	10,286	11,355	11,486
Pennsylvania	22,531	14,635	15,908	4,466	6,840	16,439	8,501	9,574	9,329
Ohio	19	108	87	62	99	150	110	156	
West Virginia	1,250	1,021	1,381	210	418	822	330	490	[3] 1,127
Alabama	1,001	1,150	890	133	306	269	155	88	[4] 595
Kentucky	285	284	273	99	31	126	79	(2)	
Tennessee	234	156	163	28	86	180	132	128	
Virginia	630	931	1,028	280	379	775	485	422	(3)
Colorado	671	201	273	81	119	200	212	155	[5] 256
Utah	(2)	(2)	(2)	(2)	172	233	160	146	[6] 179
All other States	887	558	509	178	123	188	123	196	--------

[1] Figures for beehive are preliminary.
[2] Included under "all other States."
[3] Virginia figures included in West Virginia.
[4] Including Georgia.
[5] Including Oklahoma and New Mexico.
[6] Including Washington.
Source: Bureau of Mines, Department of Commerce.

No. 717.—MANUFACTURED GAS INDUSTRY: MATERIALS USED AND PRODUCTS

[NOTE.—These figures cover establishments engaged primarily in the commercial manufacture of gas to be delivered through mains. Gas produced and consumed within the same establishments, blast-furnace gas, and gas resulting from by-product coke-oven operation are not included]

Material or product	Unit	Quantity (thousands of unit specified)			Cost or value (thousands of dollars)		
		1914	1923	1925	1914	1923	1925
Materials used, total cost					76,779	191,120	178,423
Coal for gas making	Short ton	6,117			20,873		
Anthracite	Long ton		983	619			
Bituminous	Short ton		6,238	6,871			
Oil for gas making	Gallon	715,419	176,764	212,211	24,721		
Oil for enriching	do		697,470	679,378			
Gas purchased	M feet	28,351	90,611	64,569	8,883		
Products, total value					220,238	450,097	455,460
Commercial plants					218,481	443,503	
Municipal plants					1,757	6,594	
Gas, total	M feet	203,639	356,554	359,402	175,066	394,506	395,969
Coal gas	do	10,510	7,551	7,411	10,727	12,963	12,481
Carbureted water gas	do	90,018	117,317	112,186	74,517	134,744	136,624
Mixed coal and water gas	do	86,281	208,238	210,743	72,012	220,961	213,918
Oil gas	do	16,512	10,739	24,289	15,044	22,989	29,040
Other gas	do	318	3,710	4,774	2,766	2,850	3,904
Coke for sale	Ton	2,282	2,175	2,398	8,720	21,533	20,721
Tar for sale:							
Coal gas	Gallon	125,939	58,877	63,803	3,253	3,039	3,547
Water gas and oil gas	do		49,991	61,471		2,001	2,594
All other products					33,199	29,018	32,631

Source: Bureau of the Census, Department of Commerce.

No. 718.—AVERAGE NET PRICE OF MANUFACTURED GAS

[NOTE.—Net prices for the first 1,000 cubic feet for household use in cities specified in the first section of Table 720]

Date	Actual	Relative	Date	Actual	Relative	Date	Actual	Relative
Apr. 15, 1913	$0.95	100	Apr. 15, 1918	$0.95	100	Mar. 15, 1923	$1.25	132
Apr. 15, 1914	.94	99	Apr. 15, 1919	1.04	110	Mar. 15, 1924	1.24	131
Apr. 15, 1915	.93	98	Apr. 15, 1920	1.09	115	Dec. 15, 1924	1.24	131
Apr. 15, 1916	.92	97	May 15, 1921	1.32	139	Dec. 15, 1925	1.23	130
Apr. 15, 1917	.91	96	Mar. 15, 1922	1.29	136	Dec. 15, 1926	1.22	128

Source: Bureau of Labor Statistics, Department of Labor.

No. 719.—PRODUCTION, PURCHASE, AND SALE OF GAS BY COMPANIES ENGAGED IN THE MANUFACTURED-GAS INDUSTRY

[In millions of cubic feet]

Year	Gas sold	Year	Gas sold	Year	Total gas produced and and purchased	Produced	Purchased		Gas sold
							Coke-oven gas	Natural gas	
1904	113,930	1912	178,229	1919	322,300	271,300	[1] 51,000		300,000
1905	112,444	1913	188,286	1920	350,232	300,823	[1] 49,409		319,888
1906	122,850	1914	198,839	1921	360,392	295,162	37,393	27,837	326,950
1907	132,012	1915	204,310	1922	389,000	300,082	52,883	35,435	350,000
1908	138,570	1916	231,381	1923	418,000	313,718	65,872	38,410	384,722
1909	143,118	1917	264,493	1924	441,381	324,765	63,350	53,266	405,206
1910	149,431	1918	271,593	1925	457,100	324,400	76,600	56,100	421,406
1911	159,101			1926	[2] 498,184	([3])	([3])	([3])	[2] 459,326

[1] Includes all other processes not segregated.
[2] Estimated.
[3] Quantity for 1926 not available.

Source: American Gas Association.

No. 720.—RETAIL PRICES OF GAS IN PRINCIPAL CITIES

[NOTE.—Net prices for the first 1,000 cubic feet of gas for household use, illuminating, cooking, and heating. Service charges are not included]

City	Apr. 15, 1913	Apr. 15, 1917	Apr. 15, 1918	Apr. 15, 1919	Apr. 15, 1920	May 15, 1921	Mar. 15, 1922	Dec. 15, 1922	Dec. 15, 1923	Dec. 15, 1924	Dec. 15, 1925	Dec. 15, 1926
MANUFACTURED GAS												
Atlanta	$1.00	$1.00	$1.00	$1.15	$1.15	$1.90	$1.65	$1.65	$1.55	$1.55	$1.55	$1.55
Baltimore	.90	.75	.75	.75	.75	.75	.92	.92	.85	.85	.85	.85
Birmingham	1.00	.95	.95	.95	.95	.88	.88	.80	.80	.80	.80	.80
Boston	.82	.80	.85	1.02	1.07	1.42	1.34	1.30	1.25	1.20	1.18	1.18
Bridgeport	1.00	1.00	1.00	1.10	1.10	[1] 1.30	1.60	1.50	1.50	1.45	1.45	1.45
Buffalo	1.00	1.00	1.00	1.45	1.45	1.45	1.45	------	------	------	------	------
Butte	1.50	1.50	1.50	1.50	1.50	2.10	2.10	2.10	2.10	2.10	2.10	2.10
Charleston	1.10	1.00	1.10	1.10	1.25	1.55	1.55	1.55	1.55	1.55	1.55	1.55
Chicago	.80	.80	.76	.94	.90	1.29	1.20	1.20	1.17	1.17	1.17	1.02
Cleveland	.80	.80	.80	.80	.80	.80	.80	.80	1.25	1.25	1.25	1.25
Denver	.85	.80	.85	.95	.95	.95	.95	.95	.95	.95	.95	.95
Detroit	.75	.75	.75	.79	.79	.85	.79	.79	.79	[2] .79	[2] .79	.79
Fall River	.80	.80	.95	.95	1.05	1.25	1.15	1.15	1.15	1.15	1.15	1.15
Houston	1.00	1.00	1.00	1.00	1.09	1.09	1.09	1.09	1.09	1.09	1.05	------
Indianapolis	.60	.55	.55	.60	.60	.90	.90	[3] 1.20	[3] 1.15	[3] 1.10	[3] 1.10	1.05
Jacksonville	1.20	1.15	1.25	1.25	1.50	1.75	1.75	1.65	2.40	2.40	2.40	1.92
Manchester	1.10	1.00	1.00	1.10	1.10	[4] 1.50	[4] 1.40	[4] 1.40	[4] 1.40	[4] 1.30	[4] 1.30	1.38
Memphis	1.00	1.00	1.00	1.00	[1] 1.10	1.35	1.35	1.20	1.20	1.20	1.20	1.20
Milwaukee	.75	.75	.75	.75	.75	.90	.90	.98	.95	.95	.95	.82
Minneapolis	.85	.77	.77	.95	.95	1.28	1.02	.99	1.01	.98	.93	.95
Mobile	1.10	1.10	1.10	1.35	1.35	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Newark	1.00	.90	.97	.97	1.15	1.40	1.40	1.25	1.25	1.20	1.20	1.20
New Haven	.90	.90	1.00	1.10	1.10	[1] 1.10	[1] 1.10	1.45	1.45	1.45	1.40	1.13
New Orleans	1.10	1.00	1.00	1.30	1.30	1.30	1.45	1.30	1.30	1.30	1.30	1.30
New York	.84	.83	.83	.85	.87	[5] 1.36	[5] 1.28	[5] 1.21	1.23	1.23	1.23	1.23
Norfolk	1.00	1.00	1.20	1.20	1.60	1.40	1.45	1.35	1.30	1.40	1.40	1.33
Omaha	1.15	1.00	1.15	1.15	1.15	1.53	1.40	1.35	1.30	1.35	1.25	1.08
Peoria	.90	.85	.85	.85	.85	1.20	1.20	1.20	1.20	1.20	1.20	1.20
Philadelphia	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Pittsburgh	1.00	1.00	1.00	1.00	(7)	------	------	------	------	------	------	------
Portland, Me	1.10	1.00	1.00	1.40	1.40	1.85	1.75	1.55	1.55	1.55	1.55	1.42
Portland, Oreg	.95	.95	.95	.95	.95	1.67	1.50	1.43	1.43	1.43	1.43	1.19
Providence	.85	.85	1.00	1.30	1.30	[1] 1.25	[1] 1.25	[1] 1.15	[1] 1.05	[1] 1.05	[1] 1.00	1.13
Richmond	.90	.80	.80	1.00	1.00	1.30	1.30	1.30	1.30	1.30	1.30	1.29
Rochester	.95	.95	.95	.95	.95	[8] 1.05	1.10	1.05	1.00	1.00	1.00	1.00
St. Louis	.80	.75	.75	.75	.85	1.05	1.05	1.05	1.00	1.00	1.00	1.00
St. Paul	.95	.85	.85	.85	.85	1.00	1.00	1.00	.85	.85	.85	.90
Salt Lake City	.90	.90	.90	1.10	[4] 1.30	[4] 1.52	[4] 1.52	[4] 1.52	[4] 1.52	[4] 1.52	[4] 1.52	1.52
San Francisco	.75	.85	.85	.95	.95	1.05	1.04	.92	.92	1.00	.95	.95
Savannah	------	------	------	------	1.25	1.60	1.60	1.45	1.45	1.45	1.45	1.45
Scranton	.95	.95	1.15	1.30	1.30	1.70	1.70	1.60	1.60	1.50	1.50	1.40
Seattle	1.00	1.00	1.25	1.25	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.45
Springfield, Ill	1.00	1.00	1.00	1.10	1.10	1.40	1.40	1.40	1.35	1.35	1.35	1.25
Washington, D. C	.93	.80	.90	.95	.95	1.25	1.10	1.05	1.00	1.00	1.00	1.00
NATURAL GAS												
Buffalo	.30	.30	.30	.35	.35	.35	.42	------	------	------	------	------
Cincinnati	.30	.30	.35	.35	.35	.35	.50	.50	.50	.50	.75	.75
Cleveland	.30	.30	.30	.35	.35	.35	.40	.40	[1] .45	[1] .45	[1] .50	.60
Columbus	------	.30	.30	.30	.30	.30	.45	.45	.45	.45	.55	.55
Dallas	.45	.45	.45	.45	.45	.68	.68	.68	.68	.68	1.01	.74
Kansas City, Mo	.27	.30	.60	.80	.80	[1] .80	[1] .80	[1] .85	[1] .85	1.29	1.29	.95
Little Rock	.40	.40	.40	.45	.45	.45	.45	.45	[1] .55	[1] .55	[1] .55	.65
Louisville	------	.65	.65	.65	.65	.65	.65	.65	.65	.65	.65	.45
Pittsburgh	.28	.28	.28	.35	.35	.45	.50	.50	.53	[9] .60	[9] .60	.60
MIXED GAS												
Los Angeles	------	.68	.68	.75	.75	.75	.76	.69	.68	.68	.68	.68
Buffalo	------	------	------	------	------	------	------	[10] .62	[10] .61	.60	.60	.65

[1] Plus 50 cents per month service charge.
[2] Plus 10 cents per month service charge. Minimum bill, $1 to those using 1,200 cubic feet or less per month.
[3] The rate was increased from 90 cents by order of the Federal court and is subject to final decision by the same court. Pending the decision this increase has been impounded.
[4] Plus 25 cents per month service charge.
[5] The prices of two companies included in this average have an additional service charge of 2½ cents per day.
[6] The price of one company included in this average has an additional service charge of 2½ cents per day.
[7] Sale of manufactured gas discontinued.
[8] Plus 40 cents per month service charge
[9] Minimum bill, $1.
[10] Price includes a coal charge.

Source: Bureau of Labor Statistics, Department of Labor.

No. 721—NATURAL GAS AND NATURAL-GAS GASOLINE

[NOTE.—Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars. Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Values given are at the point of consumption. Consumption figures by States differ greatly from production figures by reason of interstate transportation]

Yearly average or year	Natural gas produced and marketed		Natural-gas gasoline			Year	Natural gas produced and marketed		Natural-gas gasoline		
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value
1906–1910	437,057	57,940	--------	--------	--------	1918	721,001	153,554	449,109	282,536	50,364
1911–1915	575,708	88,492	11,602	30,317	2,481	1919	745,916	160,888	480,404	351,535	64,197
1916–1920	762,681	154,590	412,787	268,038	48,174	1920	798,210	196,194	496,431	384,744	71,788
1921–1925	947,419	229,002	820,445	762,151	82,205	1921	662,052	174,617	465,097	449,934	61,815
1913	581,898	87,847	9,889	24,061	2,458	1922	762,546	221,535	545,139	505,832	72,711
1914	591,867	94,116	16,895	42,653	3,106	1923	1,006,976	240,001	875,711	816,226	77,268
1915	628,579	101,312	24,064	65,365	5,151	1924	1,141,521	253,856	1,016,276	933,861	82,233
1916	753,170	120,227	208,705	103,493	14,331	1925	1,188,571	265,271	1,040,390	1,127,470	120,383
1917	795,110	142,089	429,288	217,884	40,189	1926 [1]	1,320,000	294,000	1,200,000	1,356,800	136,000

State	Natural gas produced and marketed					Natural gas consumed	Natural-gas gasoline produced		
	1915	1922	1923	1924	1925	1925	1924	1925	1926 [1]
Total	628,579	762,546	1,006,976	1,141,521	1,188,571	1,188,439	933,861	1,127,470	1,356,800
Arkansas	[2] 992	9,700	24,215	36,616	41,878	51,543	17,533	19,686	28,700
California	21,891	84,580	131,434	189,692	187,789	187,789	232,579	303,180	389,400
Illinois	2,690	3,383	4,049	4,072	4,165	4,165	9,091	9,874	10,000
Indiana	2,261	947	880	998	1,168	1,786	--------	--------	--------
Kansas	27,046	20,289	30,913	25,580	26,917	48,684	11,658	19,592	24,600
Kentucky	1,667	5,872	11,953	12,875	10,770	18,601	7,274	7,685	7,700
Louisiana	25,540	70,267	112,031	160,945	152,620	148,000	48,098	43,489	47,000
New York	7,977	6,947	6,497	[3] 6,196	[3] 6,210	16,503	477	414	400
Ohio	79,510	51,481	53,812	47,396	43,235	111,969	9,443	8,701	9,900
Oklahoma	87,517	140,631	203,082	214,452	249,285	209,458	301,062	390,861	478,500
Pennsylvania	113,682	101,276	112,562	105,863	101,632	119,475	19,254	18,850	21,500
Texas	13,324	47,945	[4] 74,535	[4] 107,247	[4] 134,872	142,485	186,571	214,092	232,200
West Virginia	244,004	195,288	203,867	182,285	180,345	74,250	61,549	58,201	65,000
Wyoming	[5] 342	23,427	35,523	46,036	45,539	44,427	29,272	32,777	40,200
All other	126	513	1,623	1,268	2,146	9,304	--------	68	1,700

[1] Preliminary.
[2] Includes gas piped from Oklahoma and consumed in Arkansas.
[3] Includes 12,000,000 cubic feet consumed in Canada in 1924, and 68,000,000 in 1925.
[4] Includes 9,000,000 cubic feet consumed in Mexico in 1923, 27,000,000 in 1924, and 64,000,000 in 1925.
[5] Includes Colorado.

No. 722.—ASPHALT: PRODUCTION, EXPORTS, AND IMPORTS

Quantity and value	1910	1915	1920	1924	1925	1926 [1]
QUANTITY, TONS OF 2,000 POUNDS						
Asphalt produced and sold	260,080	1,128,572	1,944,772	3,641,738	3,763,220	4,173,650
From domestic petroleum	161,187	664,503	700,496	1,158,456	1,206,700	1,245,160
From Mexican petroleum	--------	388,318	1,045,779	1,920,915	1,971,670	2,213,310
Native asphalt [2]	98,803	75,751	198,497	562,367	584,850	715,180
Asphalt and related bitumen imported	186,311	139,662	130,599	161,578	125,250	146,789
Asphalt exported, unmanufactured	--------	38,203	51,706	52,568	32,835	38,218
VALUE, THOUSANDS OF DOLLARS						
Asphalt produced and sold	3,080	8,973	27,472	40,074	46,974	51,036
From domestic petroleum	2,226	4,716	11,985	14,305	15,306	15,453
From Mexican petroleum	--------	3,730	14,273	21,711	27,520	31,098
Native asphalt	854	526	1,214	3,958	4,148	4,485
Asphalt and related bitumen imported	786	919	1,647	1,428	1,270	1,560
Asphalt exported:						
Unmanufactured	--------	736	1,356	1,246	826	906
Manufactured	--------	439	842	2,212	2,526	3,096

[1] Preliminary.
[2] Native asphalt and related bitumen.

Source: Tables 721 and 722, Bureau of Mines, Department of Commerce.

No. 723.—PRODUCTION OF CRUDE PETROLEUM

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars]

Yearly average	Quantity	Value	Year	Quantity	Value	Year	Quantity	Value
1861–1865	2,479	9,965	1901	69,389	66,417	1914	265,763	214,125
1866–1870	4,013	15,795	1902	88,767	71,179	1915	281,104	179,463
1871–1875	8,221	16,430	1903	100,461	94,694	1916	300,767	330,900
1876–1880	16,816	22,926	1904	117,081	101,175	1917	335,316	522,635
1881–1885	25,508	22,933	1905	134,717	84,157	1918	355,928	703,944
1886–1890	32,990	23,830	1906	126,494	92,445	1919	378,367	760,266
1891–1895	51,095	35,708	1907	166,095	120,107	1920	442,929	1,360,745
1896–1900	59,498	56,836	1908	178,527	129,079	1921	472,183	814,745
1901–1905	102,083	83,524	1909	183,171	128,329	1922	557,531	895,111
1906–1910	172,769	119,572	1910	209,557	127,900	1923	732,407	978,430
1911–1915	247,739	185,793	1911	220,449	134,045	1924	713,940	1,022,683
1916–1920	362,661	735,698	1912	222,935	164,213	1925	763,743	1,284,960
1921–1925	647,961	999,186	1913	248,446	237,121	1926 [1]	766,504	1,444,000

[1] Preliminary.

Source: Bureau of Mines, Department of Commerce.

No. 724—PETROLEUM PRODUCTION, EXPORTS, IMPORTS, AND BUNKER OIL LADEN ON VESSELS IN FOREIGN TRADE

[NOTE.—In addition to the data given in the following table, in 1926, imports of refined petroleum products amounted to 20,902,000 barrels, valued at $44,600,000; the value of exports of crude oil was $28,500,000, of refined liquid products, $496,400,000, and of other refined products and residues, $29,300,000]

[Quantities in thousands of barrels; values in millions and tenths of millions of dollars]

Period	Quantity						Value			
	Crude oil			Exports of refined liquid products	Total exports crude and refined	Bunker oil	Exports		Imports of crude	Bunker oil
	Production	Exports, domestic	Imports				All crude and refined	Refined liquid products		
1871–1880	12,519	528	(1)	5,966	6,554	(1)	40.1	37.5	(1)	(1)
1881–1890	29,249	1,719	(1)	11,998	13,803	(1)	48.9	43.5	(1)	(1)
1891–1895	51,095	2,606	(1)	[2] 16,510	[2] 19,122	(1)	[2] 43.8	[2] 39.0	(1)	(1)
1896–1900	59,498	2,907	(1)	[2] 19,632	[2] 22,902	(1)	[2] 62.7	[2] 56.3	(1)	(1)
1901–1905	102,083	3,029	(1)	21,453	25,346	(1)	74.9	67.4	(1)	(1)
1906–1910	172,769	3,686	(1)	28,342	34,207	(1)	96.8	87.3	(1)	(1)
1911–1915	247,739	4,134	12,080	43,336	49,322	(1)	143.2	124.5	7.6	(1)
1916–1920	362,661	5,413	49,531	58,894	64,502	11,681	365.5	323.6	26.5	24.2
1921–1925	647,961	13,330	94,857	76,450	89,912	36,501	405.0	363.5	68.0	55.9
1911	220,449	4,806	1,461	34,117	42,113	(1)	112.9	95.9	1.9	(1)
1912	222,935	4,493	6,909	37,850	44,845	(1)	136.1	115.0	4.7	(1)
1913	248,446	4,630	16,979	44,622	50,871	(1)	159.9	139.7	10.9	(1)
1914	265,763	2,970	16,913	48,716	53,334	[3] 1,302	148.4	133.7	10.0	[3] 1.1
1915	281,104	3,768	18,139	51,377	55,446	3,566	158.7	138.3	10.4	3.2
1916	300,767	4,096	20,797	57,831	62,083	5,530	220.0	194.5	12.6	5.6
1917	335,316	4,098	30,127	58,999	63,122	5,908	273.9	245.2	16.3	7.4
1918	355,928	4,901	37,736	59,723	64,629	6,603	369.6	332.2	21.3	11.7
1919	378,367	5,924	52,822	52,641	59,351	14,031	374.5	327.0	26.4	29.4
1920	442,929	8,045	106,175	65,278	73,325	26,335	589.3	519.3	55.8	66.7
1921	472,183	8,865	125,364	57,534	66,618	27,076	399.8	363.5	66.5	57.2
1922	557,531	9,995	127,308	59,592	69,828	31,692	344.2	312.6	70.4	43.7
1923	732,407	17,061	82,015	77,872	94,967	37,582	365.3	326.6	53.9	52.2
1924	713,940	17,605	77,775	93,411	111,082	43,328	442.5	392.3	73.8	58.0
1925	763,743	13,125	61,824	93,843	107,063	42,827	473.0	422.6	75.4	68.2
1926	766,504	15,406	60,384	108,177	123,829	46,662	554.2	496.4	79.3	71.0

[1] Data not avaliable.
[2] Exports are for fiscal years from 1893 to 1896, inclusive.
[3] July to December. Reports for July and August did not include San Francisco.

Source: Bureau of Mines, Department of Commerce.

No. 725.—STOCKS OF CRUDE PETROLEUM AS OF DECEMBER 31 [1]

[Thousands of barrels of 42 gallons]

Stocks	1920	1921	1922	1923	1924	1925	1926
Pipe-line and tank-farm net stocks, by field of origin:							
Appalachian	3,427	6,838	8,868	9,210	9,286	8,493	7,791
Lima-Indiana	1,038	1,014	685	975	1,221	971	666
Illinois and southwestern Indiana	2,965	7,567	10,140	11,091	10,870	10,582	11,770
Mid-continent	75,690	102,401	152,573	202,904	210,558	195,941	173,693
Gulf coast	11,163	17,606	24,781	23,974	20,200	19,263	20,631
Rocky Mountain	636	1,635	1,991	19,704	28,672	28,995	28,042
Producers' stocks	3,586	5,139	8,428	9,850	8,389	7,560	(2)
Refiners' stocks:							
Domestic	21,261	26,562	22,558	29,756	27,890	22,969	32,251
Foreign [3]			11,247	3,503	3,294	4,188	3,224
Importers' stocks (foreign) [3]	7,442	[4] 13,540	5,062	4,754	734	407	609
Total stocks east of California	127,208	182,302	246,333	315,721	321,114	299,369	278,077
California (gross stocks) [4]	22,240	35,022	49,375	62,162	[5] 96,482	[5] 129,434	118,131
Grand total	149,448	217,324	295,708	377,883	417,596	428,803	396,208

[1] Reported by revised method.
[2] Not available.
[3] Refiners' stocks of foreign crude oil included in importers' stocks prior to 1922.
[4] Including producers' pipe-line and tank-farm (but not refinery) stocks of crude oil, residuum, and tops.
[5] Including fuel oil.

No. 726.—PETROLEUM, CRUDE: Production by Regions and States, and Approximate World Production

[In thousands of barrels of 42 gallons]

Section	1880	1890	1900	1911–1915 (average)	1916–1920 (average)	1921–1925 (average)	1925	1926 [1]	Production since 1857
Estimated world total	30,018	76,633	149,132	384,391	543,106	944,045	1,067,566	1,096,608	14,565,727
United States [2]	26,286	45,824	63,621	247,739	362,661	647,962	763,743	766,504	9,436,176
Per cent of total	*87.6*	*59.8*	*42.7*	*64.4*	*66.8*	*68.6*	*71.5*	*69.9*	*64.8*
Regions:									
Appalachian	26,246	30,067	36,295	24,594	27,161	28,604	27,610	28,617	1,455,437
Lima-Indiana [3]		15,078	21,759	5,052	3,468	2,297	2,120	2,041	468,596
Illinois [3]		1		24,955	13,918	9,585	8,512	8,420	377,303
Mid-continent		1	917	87,656	184,616	343,545	424,331	422,590	3,755,200
Gulf				12,357	24,273	33,668	33,112	44,074	570,024
Rocky Mountain		369	323	2,605	11,830	35,258	35,554	36,547	295,052
California	40	307	4,325	90,512	97,384	195,074	232,492	224,117	2,514,269
States:									
Arkansas						36,644	77,398	59,229	242,450
California	40	307	4,325	90,512	97,384	195,074	232,492	224,117	2,514,269
Colorado		369	317	211	139	392	1,226	2,717	16,230
Illinois		1		24,955	13,918	8,815	7,863	7,766	366,802
Indiana		64	4,874	1,167	865	1,011	829	793	113,868
Kansas		1	75	2,235	32,556	32,733	38,357	41,427	425,595
Kentucky [4]		6	62	484	5,335	8,044	6,759	6,280	82,709
Louisiana				12,997	19,117	25,759	20,272	22,803	355,269
Montana					129	2,729	4,091	7,645	21,935
New Mexico [5]						554	1,060	1,627	2,785
New York [6]			1,301	920	864	1,274	1,695	1,956	63,533
Ohio	39	16,125	22,363	8,586	7,583	7,045	7,212	7,322	521,049
Oklahoma			6	68,524	102,209	155,088	176,768	179,272	1,999,149
Pennsylvania [6]	26,028	28,458	13,258	8,002	7,662	7,607	8,097	8,942	797,308
Texas			836	16,256	55,008	127,009	144,648	163,933	1,302,760
West Virginia	179	493	16,196	10,487	8,311	6,576	5,763	5,975	349,910
Wyoming			6	2,394	11,562	31,901	29,173	24,558	254,085

[1] Preliminary.
[2] Includes insignificant quantities not distributed by regions and States.
[3] Southwestern Indiana reported with Illinois beginning 1921; previously with Lima-Indiana region.
[4] Kentucky includes report for Tennessee for 1890 and 1900.
[5] Not shown separately prior to 1924.
[6] Pennsylvania includes New York for 1880 and 1890.

Source of Tables 725 and 726: Bureau of Mines, Department of Commerce.

No. 727.—PETROLEUM: INDICATED CONSUMPTION OF CRUDE PETROLEUM

[NOTE.—Consumption is calculated from production, stocks, export and import figures, and represents consumption of crude oil by refiners and users of oil for road and other purposes. See also headnote to Table 704]

[Thousands of barrels of 42 gallons]

Year	Production	Imports less reexports	Domestic exports	Change in stocks	Indicated consumption	Oil run to stills
1915	281,104	18,139	3,768	+4,704	290,771	
1918	355,928	37,736	4,901	−23,510	412,273	326,025
1919	378,367	52,727	5,924	+4,708	420,462	361,520
1920	442,929	105,462	8,045	+17,933	522,413	433,915
1921	472,183	125,290	8,866	+67,876	520,731	433,363
1922	557,531	127,141	9,995	+78,384	596,293	500,706
1923	732,407	89,500	17,061	+82,175	713,671	581,238
1924	713,940	77,407	17,605	[1]+39,713	734,029	643,719
1925	763,743	61,614	13,125	[1]+11,207	801,025	739,920
1926	[2] 766,504	60,383	15,405	[1]−32,595	844,077	782,561

[1] Including stocks of fuel oil in California.
[2] Not including petroleum consumed on the leases and produced but not transported from producing properties. Estimated total production, including these items, 775,000,000 barrels.
Source: Bureau of Mines, Department of Commerce.

No. 728.—PETROLEUM REFINING: CENSUS STATISTICS OF MATERIALS AND PRODUCTS

Material or product	Quantity (thousands of unit specified)				Cost or value (thousands of dollars)		
	Unit	1914	1923	1925	1914	1923	1925
Materials used, total cost					325,265	1,425,053	1,889,678
Crude petroleum	Barrel	191,263	601,748	739,489	249,728	(1)	(1)
Distillates purchased and rerun.	do	9,455	35,155	57,845	24,395	(1)	(1)
Casing-head gasoline	do	(1)	15,949	23,223	(1)	(1)	(1)
Soda ash	Short ton.	(1)	(1)	21	(1)	(1)	(1)
Caustic soda	do	11	(1)	60	361	(1)	(1)
Sulphuric acid	do	329	(1)	820	(1)	(1)	(1)
Sulphuric acid, reclaimed and reused.	do	(1)	(1)	345	(1)	(1)	(1)
All other					51,142	(1)	(1)
All products, total value					396,361	1,793,700	2,376,657
Gasoline	Gallon	1,195,422	7,332,329	10,726,262	106,140	876,732	1,218,236
Naphtha	do	264,626	399,493	294,947	15,779	38,761	29,938
Benzine	do		67,733	41,714		8,863	4,993
Other light products	do		50,968	32,174		5,544	3,364
Tops	do	(1)	(1)	215,948	(1)	(1)	12,117
Illuminating oils	do	1,935,275	2,238,900	2,365,302	96,806	146,942	161,881
Fuel oils:							
Distillates	do	457,492	854,801	1,204,937	15,999	32,107	51,743
Gas oils	do	755,558	1,591,951	1,812,645	22,805	62,530	79,602
Residual fuel oil	do	2,521,042	9,529,645	11,572,400	45,213	251,029	357,230
Partly refined oils sold for rerunning.	do	(1)	1,300,804	1,497,879	(1)	54,977	65,305
Lubricating oils:							
Pale or paraffin	do	93,422	215,563	270,345	8,085	28,051	38,763
Red or neutral	do	116,352	311,391	528,756	12,426	58,778	92,404
Cylinder oils	do	102,949	234,410	206,884	13,704	44,720	47,226
All other lubricating oils	do	205,115	389,288	355,087	21,598	72,945	73,712
Liquid asphaltic road oils	do	134,844	198,920	274,317	4,018	7,865	12,512
Residuum or tar	do		80,066	139,171		3,191	5,964
Greases	do	14,006	35,024	46,820	3,536	10,785	13,921
Paraffin wax	do	57,539	69,536	89,762	8,897	12,899	30,590
Asphalt, other than liquid	Ton	465	2,134	3,594	4,867	23,339	30,461
Coke	do	214	647	924	819	4,796	6,438
Other special products					9,060	29,931	28,058
All other products					6,669	18,915	12,199

[1] No data.

Source: Bureau of the Census, Department of Commerce.

No. 729.—PETROLEUM PRODUCTS: Oils Run to Stills, Output of Refineries, Stocks, Exports, and Apparent Consumption of Products

[Note.—Stocks are those in the hands of refiners only. Hence "apparent consumption" represents deliveries by refiners to dealers and consumers. Exports include shipments to noncontiguous territories. Consumption figures for kerosene, gas and fuel oil, and lubricating oil for 1922 to 1926 take into account comparatively small imports not shown separately, and for which no data were available prior to October, 1922. In 1926 these imports were as follows: Kerosene 75,000 barrels; gas and fuel oil, 14,430,000 barrels; *lubricating oil, 33,000 barrels*]

[In thousands of barrels, except wax (thousand pounds), and coke and asphalt (thousand short tons)]

Item	1918	1921	1922	1923	1924	1925	1926
OILS RUN TO STILLS							
Crude oil	326,025	443,363	500,706	581,238	643,719	739,920	782,561
Natural-gas gasoline	2,451	2,517	3,662	5,487	12,671	19,636	24,399
OUTPUT OF REFINERIES							
Gasoline:							
Produced	85,007	122,704	147,672	179,903	213,326	259,601	299,734
Exported	13,545	13,134	14,156	20,741	28,967	31,497	43,473
Imported	307	900	1,479	4,555	3,453	3,813	6,052
Stocks, end of year	7,079	13,954	21,043	28,014	30,823	38,875	39,023
Apparent consumption	74,506	107,525	127,906	156,746	185,003	223,865	262,165
Kerosene:							
Produced	43,461	46,313	54,913	55,927	60,026	59,689	61,768
Exported	11,820	18,016	21,489	20,347	21,961	21,212	22,060
Stocks, end of year	9,050	8,119	6,692	7,231	8,594	7,121	8,575
Apparent consumption	34,442	29,537	34,854	35,048	36,712	39,969	38,329
Gas and fuel oil:							
Produced	174,319	230,091	254,910	287,481	320,476	364,991	365,195
Exported	29,637	22,676	18,479	33,372	37,249	36,088	38,351
Stocks, end of year [1]	15,691	31,697	31,065	36,072	39,774	[1] 24,681	[1] 24,898
Apparent consumption	142,751	195,656	240,010	261,388	292,452	(2)	(2)
Lubricants:							
Produced	20,035	20,896	23,304	26,128	27,498	31,055	32,293
Exported	6,165	6,936	7,941	8,372	11,988	9,678	9,438
Stocks, end of year	3,306	5,735	5,613	6,138	6,420	7,253	7,576
Apparent consumption	13,823	12,047	15,528	17,260	18,124	20,581	22,565
Wax production	505,144	433,887	462,003	466,647	516,491	590,577	645,790
Coke production	560	604	707	673	761	991	995
Asphalt production	608	1,215	1,895	2,327	2,546	2,677	2,923
Other finished products	----------	----------	4,527	5,086	8,252	8,044	8,030
Losses	14,557	19,558	18,562	18,921	19,590	22,914	26,928

[1] Figures for 1925 and 1926 are for stocks east of California only.
[2] Not available.

Source: Bureau of Mines, Department of Commerce.

No. 730.—PETROLEUM PRODUCTS: Crude Oil Run to Stills and Output of Refineries, by Regions, 1926

[In thousands of barrels, except wax which is in thousands of pounds]

Region	Crude oil run to stills	Natural gas gasoline run to stills	Output of refineries				
			Gasoline	Kerosene	Gas and fuel oil	Lubricants	Wax
Total	782,561	24,399	299,734	61,768	365,195	32,293	645,790
East coast	130,643	3,770	46,142	12,331	59,972	9,567	249,820
Appalachian	28,502	830	12,231	4,211	6,776	4,799	97,541
Indiana and Illinois	69,707	1,517	40,181	4,937	19,344	3,268	78,949
Oklahoma and Kansas	96,506	3,701	50,971	8,901	33,053	2,480	50,074
Texas	158,110	4,924	62,559	15,806	64,773	8,043	61,488
Louisiana and Arkansas	71,012	4,011	21,239	6,673	34,393	832	63,583
Rocky Mountain	29,205	957	16,350	2,108	8,160	640	44,207
California	200,876	4,689	50,061	6,801	138,724	2,664	128

Source: Bureau of Mines, Department of Commerce.

No. 731.—PETROLEUM PIPE LINES

[All figures, except miles of line operated, in thousands of dollars]

Company and State or field served	Miles of line operated	Investment in pipe lines	Other investments	Pipe line operating revenues	Pipe line operating expenses	Pipe line operating income	Net income
ALL REPORTING COMPANIES							
1920	48,712	340,328	267,362	103,600	66,452	26,026	53,949
1921	55,260	365,024	287,114	115,950	62,370	25,530	34,400
1922	57,349	382,280	264,344	128,059	64,539	52,720	58,568
1923	64,760	432,065	305,841	131,213	69,234	52,678	62,639
1924	68,185	496,187	282,504	146,921	74,656	63,176	72,234
1925	70,009	511,088	93,896	164,645	80,232	70,966	88,495
COMPANIES REPORTING OPERATING REVENUES OF OVER $500,000 IN 1925							
Buckeye—Ohio	6,534	19,087	4,017	4,362	3,098	973	1,128
Cumberland—Kentucky	1,231	4,660	2,660	1,128	748	297	365
Empire—Kansas, Oklahoma, and Texas	919	9,684	----------	2,311	1,117	980	1,014
Eureka—West Virginia	4,650	10,823	2,205	2,102	2,030	[2] *50*	43
Gulf—Texas	2,453	29,248	1,936	8,367	5,038	3,080	3,036
Gulf of Oklahoma—Kansas and Oklahoma	1,342	9,833	----------	4,232	1,698	2,392	2,699
Humble—Texas	2,798	33,341	----------	15,773	6,565	9,066	9,049
Illinois—Illinois, Indiana, Ohio, Wyoming, and Montana	3,741	31,157	2,843	7,298	3,474	3,045	3,992
Indiana Corpn.—Illinois, Indiana, and and Kentucky	457	1,614	38	650	189	429	378
Indiana Co.—Indiana	925	5,083	4,939	1,586	786	554	755
Magnolia—Oklahoma and Texas [1]	3,446	37,231	249,663	9,719	6,356	3,057	17,069
Marland—Kansas and Oklahoma	526	5,354	52	2,913	1,207	1,676	1,676
National—Pennsylvania	3,600	8,141	10,643	1,615	1,590	28,311	695
New York—New York and New Jersey	1,526	6,947	2,040	1,005	691	138	241
Northern Pennsylvania	607	2,997	3,025	540	385	103	273
Oklahoma—Kansas and Oklahoma	1,728	19,396	8,669	8,535	2,777	4,293	4,312
Ozark—Oklahoma, Missouri, Illinois, and Kansas	1,035	14,158	----------	6,221	1,788	4,148	4,328
Prairie—Oklahoma, Kansas, Texas, Missouri, Iowa, Illinois, and Indiana	11,398	85,140	37,217	29,276	12,064	13,933	15,229
Pure Oil—Ohio, Pennsylvania, West Virginia, and Oklahoma	2,536	3,416	118	989	996	[2] *47*	[2] *300*
Shreveport-Eldorado—Arkansas and Louisiana	170	1,869	2	1,219	524	667	181
Sinclair—Oklahoma, Kansas, Texas, Missouri, Iowa, Illinois, Indiana, Nebraska, and Wyoming	5,858	75,067	1,322	16,343	11,137	4,177	2,724
South West Pennsylvania—Pennsylvania	1,661	4,205	1,501	779	609	135	197
Standard—Arkansas and Louisiana	1,866	25,723	32	17,202	4,418	11,188	11,170
Texas—Louisiana, Texas, and Arkansas	3,490	37,582	----------	13,315	6,249	5,309	4,819
Texas of Oklahoma—Oklahoma	1,257	6,958	114	2,052	1,147	593	652
Tide-Water—Illinois, Indiana, New Jersey, New York, Ohio, and Pennsylvania	2,101	10,998	55	2,811	1,733	657	2,043
Tuscarora—New Jersey and Pennsylvania	595	6,707	45	741	650	[2] *26*	91

[1] Report for period Jan. 1 to Dec. 15, 1925. [2] Deficit.

Source: Interstate Commerce Commission.

No. 732.—PETROLEUM: PRICES OF CRUDE AND REFINED PRODUCTS

[NOTE.—Prices of crude and fuel oil in dollars per barrel, others in cents per gallon. Compiled by Joseph C. Pogue. The weighted average prices are computed from five principal grades of crude oil at wells, from five markets each for kerosene and gasoline from tank wagon, from five refining locations for fuel oil, and for five grades of lubricating oil]

Yearly average	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil	Month, 1926	Crude	Gasoline	Kerosene	Fuel oil	Lubricating oil
	Dolls.	*Cents*	*Cents*	*Dolls.*	*Cents*		*Dolls.*	*Cents*	*Cents*	*Dolls.*	*Cents*
1915	0.75	11.7	7.1	0.72	14.9	January	1.88	15.4	12.6	1.46	28.1
1916	1.33	18.9	7.9	1.04	18.3	February	2.01	15.9	13.3	1.40	28.2
1917	1.77	20.6	8.5	1.57	19.5	March	2.01	16.4	13.9	1.44	27.6
1918	2.22	21.7	10.2	2.01	30.9	April	2.00	16.9	14.0	1.51	26.7
1919	2.25	22.2	12.7	1.59	32.2	May	2.09	18.2	15.5	1.50	26.3
1920	3.44	26.5	17.1	2.79	49.0	June	2.15	18.6	15.8	1.44	26.3
1921	1.86	22.3	12.9	1.30	27.6	July	2.11	18.6	15.0	1.42	26.1
1922	1.78	21.7	12.4	1.24	20.4	August	2.10	18.6	15.4	1.50	25.5
1923	1.71	17.5	12.8	1.20	19.4	September	2.07	18.	16.2	1.53	24.8
1924	1.84	15.9	12.7	1.35	23.0	October	2.07	17.8	15.3	1.48	24.8
1925	1.96	16.6	12.3	1.46	26.1	November	1.99	17.4	14.9	1.50	24.6
1926	2.03	17.5	14.7	1.47	26.1	December	1.86	17.4	14.3	1.48	24.3

No. 733.—PORTLAND CEMENT: PRODUCTION, SHIPMENTS, EXPORTS, AND IMPORTS

[NOTE.—Imports are "Imports for consumption" and exports include both domestic and foreign cement but not that going to noncontiguous territories. Both imports and exports include all kinds of hydraulic cement, most of which is Portland. "Shipments" include exports made directly by manufacturers. (See Table 734)]

State	1910	1915	1920	1922	1923	1924	1925	1926
	Thousands of barrels [1]							
Production, total	76,550	85,915	100,023	114,790	137,460	149,358	161,659	164,520
Alabama	[2] 1,481	(3)	1,132	2,291	3,497	5,553	6,288	6,710
California	[4] 6,386	4,503	7,098	8,712	11,002	11,615	13,098	13,842
Illinois	4,459	5,157	5,539	6,407	7,148	6,994	7,101	6,747
Iowa	[5] 2,010	4,560	4,849	4,272	5,732	5,624	4,648	4,926
Kansas	5,656	3,580	4,341	4,634	6,026	5,894	6,511	6,358
Michigan	3,688	4,765	4,891	6,244	7,620	9,260	10,936	12,037
Missouri	4,456	4,627	6,018	6,171	7,306	7,871	8,332	7,653
New York	3,296	5,044	5,835	5,923	6,990	7,572	8,770	8,796
Ohio	1,528	1,949	1,780	2,835	4,189	4,601	5,715	7,546
Pennsylvania	26,676	28,649	28,269	33,276	38,157	40,850	42,347	42,866
Texas	[6] 2,287	1,939	2,562	3,629	4,179	4,566	4,858	5,007
Washington	(4)	1,496	1,799	1,943	2,106	1,842	2,482	(3)
Other States	14,627	19,646	25,860	28,454	33,508	37,115	40,573	42,031
Shipments	(7)	86,892	96,312	117,701	135,912	146,048	157,295	162,187
Imports	307	42	525	356	1,767	2,024	3,667	3,244
Exports	2,476	2,565	2,986	1,128	1,002	879	1,020	974
Stocks, end of year	(7)	11,463	8,833	9,352	10,900	14,123	18,336	20,609

[1] Of 376 pounds.
[2] Includes Georgia and Tennessee.
[3] Included in other States.
[4] California includes Washington.
[5] Includes Kentucky and West Virginia.
[6] Includes Oklahoma.
[7] Not available.

No. 734.—PORTLAND CEMENT: SHIPMENTS BY DESTINATIONS

[In thousands of barrels [1]]

State	1923	1924	1925
Shipped from cement plants	135,912	146,048	157,295
Shipments to States	134,703	145,062	156,113
New England	6,179	6,615	6,864
Maine	510	387	334
New Hampshire	360	379	426
Vermont	234	300	217
Massachusetts	3,124	3,360	3,418
Rhode Island	510	608	711
Connecticut	1,441	1,582	1,758
Middle Atlantic	32,563	36,831	40,504
New York	15,881	17,456	18,489
New Jersey	5,401	6,410	7,082
Pennsylvania	11,281	12,964	14,933
East North Central	38,628	41,984	42,294
Ohio	8,844	9,263	9,221
Indiana	5,011	5,523	4,998
Illinois	12,237	13,328	14,405
Michigan	7,532	9,355	9,565
Wisconsin	5,064	4,515	4,105
West North Central	15,510	14,736	16,657
Minnesota	3,415	3,248	3,615
Iowa	3,625	3,144	2,705
Missouri	3,492	3,985	5,601
North Dakota	303	249	342
South Dakota	565	467	462
Nebraska	1,497	1,500	1,675
Kansas	2,613	2,143	2,257
South Atlantic	13,008	13,616	16,029
Delaware	405	386	402
Maryland	1,828	1,989	2,127
District of Columbia	757	723	886
Virginia	1,742	1,701	1,649
Shipments to States—Con. South Atlantic—Contd.			
West Virginia	1,817	1,661	1,488
North Carolina	3,108	3,000	3,025
South Carolina	627	571	864
Georgia	1,425	1,408	1,438
Florida	1,300	2,177	4,150
East South Central	4,781	5,722	6,104
Kentucky	1,567	1,764	1,796
Tennessee	1,267	1,559	1,644
Alabama	1,490	1,873	2,085
Mississippi	458	527	579
West South Central	7,326	8,409	8,467
Arkansas	849	1,084	800
Louisiana	1,029	1,260	1,100
Oklahoma	2,120	2,211	2,378
Texas	3,329	3,854	4,189
Mountain	3,394	3,391	2,960
Montana	281	203	236
Idaho	291	262	259
Wyoming	349	331	225
Colorado	1,107	1,337	1,152
New Mexico	222	232	182
Arizona	486	415	424
Utah	476	428	381
Nevada	93	92	101
Pacific	13,256	13,789	16,179
Washington	1,926	1,730	2,427
Oregon	956	1,211	1,318
California	10,373	10,847	12,434
Unspecified	88	60	59
Exports direct by manufacturers [2]	1,209	986	1,178

[1] Of 376 pounds.
[2] Includes shipments to Alaska, Hawaii, and Porto Rico.

Source of Tables 733 and 734: Bureau of Mines, Department of Commerce.

No. 735.—CEMENT PRODUCTION: QUANTITY, BY KINDS, AND TOTAL VALUE

[NOTE.—Portland cement is expressed in barrels of 376 pounds; masonry, natural, and puzzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively]

Year	Production in thousands of barrels			Total value in thousands of dollars	Year	Production in thousands of barrels			Total value in thousands of dollars
	Total	Portland	Masonry, natural, and puzzolan			Total	Portland	Masonry, natural, and puzzolan	
1890	7,777	336	7,441	4,527	1913	92,949	92,097	852	93,001
1895	8,731	990	7,741	5,482	1914	89,050	88,230	820	82,204
1900	17,231	8,482	8,749	13,284	1915	86,708	85,915	794	74,285
1902	25,754	17,231	8,523	25,366	1916	92,363	91,521	842	101,379
1903	29,899	22,343	7,556	31,931	1917	93,454	92,814	639	126,106
1904	31,675	26,506	5,169	26,032	1918	71,515	71,082	433	114,132
1905	40,102	35,247	4,855	35,932	1919	81,307	80,778	529	138,714
1906	51,000	46,463	4,537	55,302	1920	100,791	100,023	767	203,198
1907	52,230	48,785	3,445	55,904	1921	99,381	98,842	539	187,708
1908	52,911	51,073	1,838	44,478	1922	115,679	114,790	889	203,324
1909	66,690	64,991	1,698	53,611	1923	138,732	137,460	[1] 1,272	[1] 259,632
1910	77,785	76,550	1,235	68,752	1924	147,466	146,048	1,418	[1] 266,053
1911	79,548	78,529	1,019	66,705	1925	159,047	157,295	1,752	281,076
1912	83,351	82,438	913	67,462	1926	164,219	162,187	2,032	280,784

[1] Value of shipments.

Source: Bureau of Mines, Department of Commerce.

No. 736.—STONE: PRODUCTION (SALES), BY VARIETIES AND USES

Variety and use	Quantities sold, thousands of short tons						Values, 1,000 dollars, 1925
	1920	1921	1922	1923	1924	1925 [1]	
Total	78,527	63,539	80,212	103,319	103,134	115,851	174,217
Granite	4,760	4,752	5,913	7,300	6,884	8,074	30,531
Basalt and related rocks	9,219	8,524	10,033	10,674	11,672	11,842	14,770
Sandstone	3,343	2,640	3,388	4,349	3,895	4,499	10,920
Marble	432	315	428	563	516	564	13,882
Limestone	59,290	45,621	58,929	76,701	75,894	85,649	98,008
All other	1,483	1,085	1,521	2,731	4,324	5,242	6,105
Building stone	1,266	1,369	1,929	2,059	2,212	2,392	35,445
Monumental	384	230	248	424	394	363	14,404
Paving blocks	390	453	326	462	376	381	3,681
Curbing	128	184	236	252	296	393	4,313
Flagging	56	65	54	44	60	56	562
Rubble	502	445	632	882	865	1,197	2,061
Riprap	2,211	1,814	2,049	3,186	3,265	3,079	2,794
Crushed stone	40,366	43,203	49,764	62,323	68,198	75,673	80,508
Furnace flux (limestone and marble)	25,090	10,669	18,718	25,602	19,690	22,861	17,344
Refractory stone	1,735	496	902	1,152	1,994	1,261	1,548
Manufacturing industries (limestone and marble)	4,592	2,883	3,586	4,668	4,734	5,172	4,942
Other uses [2]	1,806	1,728	1,767	2,264	2,600	3,623	6,613

[1] Quantities of stones not sold by the short ton are expressed in the approximate equivalent in short tons; expressed in their selling units the quantities are as follows for 1925: Building stone, 30,695,310 cubic feet; monumental stone, 4,371,380 cubic feet; paving blocks, 40,143,220; curbing, 5,075,620 cubic feet; and flagging, 762,280 cubic feet.

[2] Chiefly agricultural limestone.

Source: Bureau of Mines, Department of Commerce.

No. 737.—CLAY AND GLASS PRODUCTS: PRODUCTION

Industry and product	Unit	Quantity (thousands of unit specified)			Value (thousands of dollars)		
		1914	1923	1925	1914	1923	1925
BRICK, TILE, AND TERRA COTTA, FIRE-CLAY, AND OTHER CLAY PRODUCTS, AND NONCLAY REFRACTORIES [1]							
All products, total value					129,583	333,884	335,585
Brick:							
Common	Number	7,145,809	7,282,181	7,561,501	43,764	94,473	88,551
Vitrified	do	931,324	699,269	539,101	12,501	15,570	11,876
Face	do	810,395	1,931,175	2,474,690	9,290	38,892	45,428
Enameled	do	(2)	19,502	16,931	(2)	1,671	1,508
Drain tile	Ton	(2)	616	661	8,522	5,100	4,960
Sewer pipe	do	(2)	1,778	2,139	14,015	29,103	30,421
Architectural terra cotta	do	(2)	138	152	6,088	16,486	19,139
Hollow building tile or block	do	(2)	3,765	4,225	8,385	28,275	29,264
Tile (not drain):							
Roofing	Squares	(2)	231	290		4,022	5,155
Floor (including plain, vitreous, encaustic, quarry, etc.).	Sq. ft	(2)	13,320	19,244		3,051	4,361
Ceramic mosaic (vitreous and semivitreous).	do	(2)	20,976	20,331	5,705	4,986	4,092
Faience (including art, enameled, and hand-decorated).	do	(2)	1,865	4,916		1,580	3,295
Wall (thin, white glazed, etc.)	do	(2)	26,301	30,366		10,166	10,220
Stove lining	Ton	(2)	55	26	521	1,219	656
Fire brick [3]	Number	816,784	1,134,223	995,079	16,428	46,677	41,164
All other clay products					4,364	11,545	14,820
Silica brick	Number	(2)	258,388	235,877	(2)	12,855	11,280
All other products						8,213	9,395
POTTERY [1]							
All products, total value					35,398	114,951	112,019
Red earthenware (flower pots, etc.).		(2)	(2)	(2)	1,060	2,458	2,632
Stoneware (except chemical) and yellow and Rockingham ware.		(2)	(2)	(2)	3,349	4,746	4,349
White ware, cream color, white granite, semiporcelain, and semivitreous porcelain.		(2)	(2)	(2)	14,968	38,696	32,816
Porcelain china, bone china, delft, and Belleek ware.		(2)	(2)	(2)	2,385	1,923	967
Hotel china				(2)	(4)	9,761	9,867
Vitreous china, plumbing fixtures.		(2)	(2)	(2)	(5)	(5)	25,036
Porcelain electrical supplies		(2)	(2)	(2)	4,130	21,248	21,827
Saggers		(2)	(2)	(2)	(4)	1,870	1,764
All other products					9,506	34,249	12,761
GLASS [6]							
All products, total value					123,085	309,353	295,959
Building glass					36,824	121,760	107,962
Window glass	Sq. ft	400,999	510,215	567,151	17,496	42,623	37,525
Obscured glass, including cathedral and skylight.	do	43,040	46,376	53,951	2,417	5,114	6,916
Plate glass, total cast	do	75,770					
Polished	do	60,384	94,470	117,369	14,774	66,103	57,207
Rough, for sale as such	do	132	2,806	4,215	26	501	504
Wire glass—							
Polished	do	1,708	2,805	4,165	534	1,652	2,264
Rough, for sale as such	do	13,981	28,802	28,743	1,057	3,882	3,546
All other building glass					520	1,885	(7)
Pressed and blown glass [8]					30,279	77,279	72,086
Bottles and jars [9]					51,959	107,231	100,301
All other products					4,023	3,083	15,610

[1] From reports of Bureau of Mines, Department of Commerce.
[2] No data.
[3] Clay brick, including refractory block or tile, boiler and locomotive tile, tank blocks, and other refractory clay products—9-inch equivalent.
[4] Not reported separately.
[5] Not shown separately. Included in "All other pottery products."
[6] In addition considerable quantities of electric-light shades, globes, etc., were made in 1914 by establishments engaged primarily in the manufacture of electrical goods.
[7] Included in "All other products."
[8] Including jelly glasses, tumblers, and goblets, but not including bottles, etc.
[9] Including demijohns and carboys.

Source: Bureau of the Census, Department of Commerce.

No. 738.—PRODUCTION OF PRINCIPAL BURNED-CLAY BUILDING MATERIALS

Year	Brick (millions)			Value (thousands of dollars)							
				Brick			Architectural terra cotta	Hollow building tile	Tile (not drain)	Sewer pipe	Fire brick
	Common	Vitrified [1]	Face	Common	Vitrified [1]	Face					
1913	8,089	959	828	50,135	12,138	9,614	7,733	8,620	6,109	14,872	16,811
1914	7,147	931	810	43,770	12,501	9,290	6,088	8,385	5,706	14,015	13,476
1915	6,851	953	856	42,145	12,231	9,536	4,796	7,801	5,186	11,259	15,800
1916	7,394	942	1,003	49,357	12,237	11,465	6,466	9,943	6,475	13,577	24,437
1917	5,865	707	758	47,936	10,665	10,391	6,174	13,255	6,821	17,307	42,502
1918	3,557	403	356	38,782	7,145	6,095	2,659	13,037	5,082	15,334	51,648
1919	4,752	489	791	63,585	11,615	16,033	3,988	17,965	8,137	16,755	38,016
1920	4,852	468	787	82,216	12,679	19,441	10,852	27,112	12,470	25,371	53,416
1921	4,448	562	873	57,096	12,870	18,128	9,068	14,841	12,560	22,155	24,833
1922	5,899	517	1,417	72,613	10,816	28,234	12,410	19,708	16,597	23,600	31,357
1923	7,282	699	1,931	94,473	15,570	38,892	16,486	28,275	23,804	29,103	46,677
1924	7,159	554	2,030	86,692	12,974	39,931	16,446	24,998	24,842	32,400	40,621
1925	7,562	538	2,474	88,551	11,876	45,428	19,139	29,264	27,123	30,421	41,164

[1] Vitrified brick or block.

Sources: Bureau of the Census and Bureau of Mines, Department of Commerce.

No. 739.—SALT: Production, by States and Kinds; Exports and Imports

[Note.—All quantity figures in tons of 2,000 pounds. Production figures represent sales plus that used by producers; they include Porto Rico]

Year	Production	Exports	Imports	Year	Production	Exports	Imports
1880	834,548	1,642	509,703	1916	6,362,906	84,065	122,079
1885	985,411	2,108	440,290	1917	6,978,177	113,993	64,922
1890	1,242,779	2,464	257,323	1918	7,238,744	136,783	40,290
1895	1,913,751	3,602	279,576	1919	6,882,902	119,416	59,514
1900	2,921,708	7,511	199,909	1920	6,840,029	139,272	137,654
1905	3,635,257	34,238	161,159	1921	4,981,154	109,563	93,095
1910	4,242,792	49,013	137,103	1922	6,792,849	134,989	113,922
1912	4,665,473	62,410	139,813	1923	7,130,713	125,529	88,750
1913	4,815,902	70,289	154,765	1924	6,803,115	144,945	88,938
1914	4,872,656	82,295	130,804	1925	7,397,500	155,079	85,788
1915	5,352,409	80,474	122,326	1926	7,371,600	158,908	55,964

State or kind	1900	1910	1915	1920	1924	1925	1926
Production, total	2,921,708	4,242,792	5,352,409	6,840,029	6,803,115	7,397,500	7,371,600
By States:							
Michigan	1,009,487	1,323,283	1,762,430	2,262,915	1,918,463	2,172,600	2,260,320
New York	1,105,590	[1] 1,629,953	1,570,446	1,903,101	1,972,808	2,053,970	2,001,580
Ohio	199,540	514,339	823,234	1,057,802	1,102,214	1,173,590	1,164,400
Kansas	312,743	393,603	527,123	783,655	794,303	812,540	729,880
California	87,060	131,252	146,784	212,008	268,112	292,480	288,440
Texas	(2)	53,503	62,297	91,103	(2)	(2)	(2)
Utah	34,878	34,979	55,279	75,259	78,577	88,150	77,350
West Virginia	34,142	21,788	32,513	29,802	37,561	25,870	23,180
Undistributed	138,268	140,093	372,303	424,384	[3] 631,077	[3] 778,300	[3] 826,450
By kinds:							
Manufactured (evaporated)	1,725,394	1,953,069	2,335,823	2,409,924	2,224,555	2,235,170	2,198,060
In brine	779,949	1,314,492	1,851,199	2,819,916	2,513,853	2,819,690	3,037,820
Rock salt	416,365	975,231	1,165,387	1,610,189	2,064,707	2,342,640	2,135,720
Total value (dollars)	6,944,603	7,900,344	11,747,686	29,894,075	25,747,048	26,162,361	25,055,012

[1] Includes Louisiana.
[2] Included in "Undistributed."
[3] Including Louisiana production: 1924, 383,104 tons; 1925, 500,350 tons; and 1926, 520,400 tons.

Source: Bureau of Mines, Department of Commerce.

No. 740.—ACCIDENT RATES IN DIFFERENT BRANCHES OF MINERAL INDUSTRIES IN 1925

Branch of mineral industry	Average days active	Men employed		Man shifts	Killed	Injured	Number killed or injured per thousand 300-day workers	
		Actual number	Equivalent in 300-day workers (calculated)				Killed	Injured
Coal mines	192	748,805	480,227	144,068,232	2,234	(1)	4.65	--------
All metal mines	293	126,713	128,908	37,172,359	371	35,132	2.99	283.53
Copper mines	313	33,266	34,736	10,420,803	102	12,179	2.94	350.62
Gold, silver, and miscellaneous metal mines	302	33,230	33,427	10,028,082	128	10,276	3.83	307.42
Iron mines	275	34,339	31,443	9,432,697	80	5,013	2.54	159.43
Lead and zinc mines (Mississippi Valley)	280	12,913	12,041	3,612,408	40	5,636	3.32	468.07
Nonmetallic mineral mines	284	12,965	12,261	3,678,369	21	2,028	1.71	165.40
All quarries (including outside works)	273	91,872	83,487	25,045,955	149	14,165	1.78	169.67
Cement rock quarries	324	20,799	22,481	6,744,188	40	2,328	1.78	103.55
Granite quarries	260	12,020	10,399	3,119,851	10	2,106	.96	202.52
Limestone quarries	258	40,425	34,708	10,412,374	61	6,715	1.76	193.47
Marble quarries	298	5,412	5,369	1,610,516	3	623	.56	116.04
Sandstone and bluestone quarries	237	4,967	3,919	1,175,906	13	785	3.32	200.31
Slate quarries	262	3,967	3,462	1,038,546	9	585	2.60	168.98
Trap-rock quarries	221	4,282	3,149	944,574	13	1,023	4.13	324.87
All quarries (excluding outside works)	254	52,224	44,263	13,277,915	101	8,632	2.28	195.02
All quarries (outside works only)	297	39,648	39,224	11,767,040	48	5,533	1.22	141.06
Metallurgical plants	337	58,935	66,220	19,866,090	44	7,711	.66	116.45
Ore-dressing plants	302	16,945	17,082	5,124,733	17	2,232	1.00	130.66
Smelters	354	25,144	29,658	8,897,434	19	3,376	.64	113.83
Auxiliary works	347	16,846	19,480	5,843,923	8	2,103	.41	107.96
All coke ovens	310	23,254	24,054	7,216,239	28	1,696	1.16	70.51
Beehive coke ovens	213	7,246	5,140	1,541,999	4	498	.78	96.89
By-products coke ovens	354	16,008	18,914	5,674,240	24	1,198	1.27	63.34
Total, 1925	222	1,049,579	777,896	233,368,875	2,826	58,704	3.63	197.21
Total, 1924	220	1,073,630	787,065	236,119,757	3,037	57,766	3.86	201.16

[1] Not available.

Source: Bureau of Mines, Department of Commerce.

No. 741.—ACCIDENTS IN MINERAL INDUSTRIES: BY CAUSES

Class of plants and cause	1920	1921	1922	1923	1924	1925	1926
Coal-mine fatalities	2,272	1,995	1,984	2,462	2,402	2,234	2,514
Falls of roof (coal, rock, etc.)	1,012	925	788	1,058	941	977	1,093
Falls of face or pillar coal	122	100	120	109	121	103	120
Mine cars and locomotives	462	366	373	449	404	385	461
Explosions of gas or coal dust	160	126	311	372	536	345	422
Explosives [1]	131	142	93	115	99	102	96
Electricity (shock or burns)	93	97	83	83	96	100	111
Mining machines and machinery	62	34	41	49	38	44	35
Mine fires (burned, suffocated, etc.)	8	16	------	------	2	10	1
Shaft fatalities	56	36	41	46	29	34	35
Railway cars and locomotives	24	20	22	24	20	16	20
Other causes	142	133	112	157	116	118	120
Metal-mine fatalities	425	239	344	387	418	371	(2)
Falls or slides of rock or ore	142	72	105	111	131	116	------
Rock or ore (underground loading)	9	2	3	2	8	4	------
Explosives	57	23	30	42	52	52	------
Haulage	51	21	37	62	58	56	------
Falls of persons	45	40	48	50	44	45	------
Run or fall of ore (chute, pocket, or bins)	7	6	7	6	4	8	------
Machinery, other than locomotives	18	6	11	11	9	7	------
Electricity	18	4	7	12	13	20	------
Mine fires and suffocation from natural gases	7	5	48	7	7	7	------
Shaft fatalities, other than falls of persons	32	24	28	31	16	24	------
Other causes	39	26	20	33	76	32	------
Quarry fatalities	178	120	132	143	138	149	(2)
Falls or slides of rock or overburden	33	20	25	31	26	34	------
Explosives	36	17	36	12	16	20	------
Haulage	42	17	15	28	23	22	------
Falls of persons	13	11	7	16	16	15	------
Machinery	19	18	24	21	20	26	------
Drilling and channeling	2	1	1	------	1	1	------
Other causes	33	36	24	35	36	31	------

	Killed				Injured			
	1922	1923	1924	1925	1922	1923	1924	1925
Smelting plants	16	17	16	19	3,002	3,487	3,293	3,376
Haulage system (cars, motors, etc.)	2	2	4	6	206	230	171	210
Railway cars and locomotives	1	1	2	1	53	102	99	58
Cranes	------	------	------	1	40	46	43	51
Other machinery	1	2	1	2	121	124	123	145
Falls of persons	5	3	1	3	227	243	230	266
Flying or falling objects (rocks, timbers, etc.)	1	1	2	1	459	541	567	597
Burns from matte, slag, or molten metal	2	1	3	1	568	691	730	677
Hot-metal explosions	------	3	1	------	62	128	104	83
Other causes	4	4	2	4	1,266	1,382	1,226	1,289
Ore-dressing plants	12	24	20	17	1,984	2,549	2,511	2,232
Haulage system (cars, motors, etc.)	------	2	1	------	116	144	91	60
Railway cars and locomotives	------	3	1	1	54	93	41	24
Crushers, rolls, or stamps	------	------	1	3	90	182	108	132
Other machinery	5	5	5	4	223	340	232	214
Falls of persons	1	5	3	------	197	259	324	308
Flying or falling objects (rocks, timbers, etc.)	------	------	1	------	379	236	250	279
Electricity	1	1	2	1	37	26	35	34
Other causes	3	6	2	8	883	1,231	1,424	1,181
Coke ovens	29	45	24	28	1,710	2,593	1,645	1,696
Cars, lorries, and motors	8	15	6	8	146	231	131	129
Railway cars and locomotives	4	2	------	3	20	34	27	32
Coke-drawing machines	1	1	5	1	70	96	32	34
Falls of persons	5	6	2	2	247	405	218	205
Hand tools	------	1	------	------	149	247	115	155
Burns	3	8	1	2	240	375	199	231
Falling objects	2	3	5	1	225	321	189	226
Other causes	8	11	9	11	618	922	740	684

[1] Includes premature blasts, explosion of misfires, suffocation by gas from explosives, flying pieces from blasts, etc.
[2] Not available.

Source: Bureau of Mines, Department of Commerce.

No. 742.—ACCIDENTS IN MINERAL INDUSTRIES: By Groups of Industries

Year	Number employed		Killed	Injured					
				Total non-fatal	Temporary			Permanent	
	Actual number	Equivalent in 300-day workers			Total	1 to 14 days	More than 14 days	Partial[1] disability	Total[2] disability
All metal mines:									
1915	152,118	141,997	553	35,295	34,686	27,444	7,242	574	35
1919	145,262	134,871	468	31,506	31,178	23,330	7,848	321	7
1920	136,583	134,540	425	32,562	32,205	24,311	7,894	345	12
1921	93,929	74,510	230	18,604	18,424	13,607	4,817	173	7
1922	105,697	97,138	344	26,080	25,840	19,330	6,510	231	9
1923	123,279	121,866	367	33,563	33,129	24,598	8,531	414	20
1924	123,128	119,113	418	33,118	32,706	24,308	8,398	402	10
1925	126,713	123,908	371	35,132	34,458	26,295	8,163	653	21
All quarries:									
1915	100,740	82,447	148	9,671	9,148	7,783	1,365	507	16
1919	75,505	63,794	123	9,199	8,951	7,339	1,612	225	23
1920	86,488	77,089	178	10,217	10,880	8,987	1,893	327	10
1921	77,185	59,958	120	10,465	10,126	8,230	1,896	330	9
1922	79,081	68,861	132	11,839	11,442	9,300	2,142	377	20
1923	92,455	85,153	143	14,990	14,547	11,980	2,567	431	12
1924	94,242	84,426	138	14,777	14,307	11,599	2,708	457	13
1925	91,872	83,487	149	14,165	13,713	11,086	2,627	430	22
Metallurgical plants:									
1916	80,201	88,596	83	15,080	14,863	11,420	3,443	200	17
1919	61,120	64,358	64	8,126	8,053	6,184	1,869	71	2
1920	59,232	65,587	61	8,863	8,714	6,724	1,990	147	2
1921	33,430	30,549	27	4,494	4,456	3,431	1,025	38	-------
1922	44,000	46,008	45	6,678	6,600	4,975	1,625	76	2
1923	53,871	59,499	58	8,424	8,260	6,021	2,239	163	1
1924	56,196	62,948	55	8,226	8,132	5,949	2,183	90	4
1925	58,935	66,220	44	7,711	7,480	5,578	1,902	226	5
All coke ovens:									
1916	31,603	34,119	45	5,237	5,154	4,468	686	81	2
1919	28,741	27,674	53	4,031	3,908	3,118	790	121	2
1920	28,139	29,921	49	3,415	3,336	2,614	722	76	3
1921	16,204	13,868	17	1,853	1,829	1,511	318	24	-------
1922	19,278	18,236	29	1,710	1,674	1,287	387	35	1
1923	23,729	25,627	45	2,593	2,517	1,892	625	71	5
1924	20,451	20,681	24	1,645	1,607	1,176	431	38	-------
1925	23,254	24,054	28	1,696	1,652	1,246	406	44	-------

Year	Number employed		Killed	Year	Number employed		Killed
	Actual number	Equivalent in 300-day workers			Actual number	Equivalent in 300-day workers	
Coal mines:				**Coal mines—Con.**			
1911	728,348	534,122	2,656	1922	844,807	405,056	1,984
1915	734,008	511,598	2,269	1923	862,536	560,000	2,462
1916	720,971	565,766	2,226	1924	779,613	499,896	2,402
1919	776,569	542,217	2,323	1925	748,805	480,227	2,234
1920	784,621	601,283	2,272	1926	(3)	(3)	2,514
1921	823,253	474,529	1,995				

[1] Includes loss of one foot, leg, hand, eye, one or more fingers or toes, any dislocation where ligaments are severed, or any other injury known in surgery to be permanent partial disability.
[2] Permanent total disability: Loss of both legs or arms, one leg and one arm, total loss of eyesight, paralysis, or other condition permanently incapacitating workman from doing any work of a gainful occupation.
[3] Not available.

Source: Bureau of Mines, Department of Commerce.